

Remedial Investigation Report for On-Property Soils and Surface Water

Superlon Plastics Site Tacoma, Washington

PREPARED FOR:

White Birch, LLC
2116 Taylor Way
Tacoma, Washington 98401

AND

E.I. du Pont de Nemours and Company
1108 Ohio River Blvd., Suite 801
Sewickley, PA 15143

PREPARED BY:



Pacific Environmental and Redevelopment Corp
8424 East Meadow Lake Drive
Snohomish, WA 98290
Phone: 425.827.6867

AND



PIONEER Technologies Corporation
5205 Corporate Center Ct. SE, Suite A
Olympia, WA 98503
Phone: 360.570.1700
Fax: 360.570.1777



PIONEER
TECHNOLOGIES CORPORATION

SEPTEMBER 2013

Remedial Investigation Report
for
On-Property Soils and Surface Water
at the
Superlon Plastics Property,
Tacoma, Washington

Prepared For:

White Birch LLC
2116 Taylor Way
Tacoma, Washington 98401

and

E.I. duPont de Nemours and Company
1108 Ohio River Blvd., Suite 801
Sewickley, PA 15143

September 25, 2013



Jeffrey D. King, L.G., Project Manager



JEFFREY D. KING

Pacific Environmental and Redevelopment Corporation
8424 East Meadow Lake Drive
Snohomish, Washington 98290
425.827.6867, Cell 425.238.2212

This page has been left blank intentionally to allow for double-sided printing.

PREFACE

A Remedial Investigation (RI) is being conducted for soil, groundwater, surface water, and sediment at the Superlon Plastics Site, located at 2116 Taylor Way in Tacoma Washington in accordance with the State of Washington Model Toxics Control Act (MTCA), Chapter 173-340 of the Washington Administrative Code (WAC) under Agreed Order No. DE 5940. This On-Property Soils and Surface Water RI Report has been created to provide the Washington State Department of Ecology (Ecology) with the results from soil and surface water samples located on the Superlon property (the Property) only. Definition of the Site and the results of samples from other media and off-Property samples will be presented in future RIs. This approach, which has been approved by Ecology, will accelerate the remediation of the Property while work focusing on defining the Site boundary and determining a remedy for the Site continues (Ecology, 2013).

This RI is designed to address the on-property contamination. Subsequent phases of the Site RI will be needed to characterize the nature and extent of contamination for the Site as a whole, especially as regards to groundwater.

This page has been left blank intentionally to allow for
double-sided printing.

EXECUTIVE SUMMARY

INTRODUCTION

This Remedial Investigation (RI) has been prepared on behalf of White Birch, LLC (White Birch) and E. I. duPont de Nemours and Company (DuPont). These companies are hereafter referred to as the “Companies”. The Companies or their authorized agent have completed the work described in three RI Work Plans. These Work Plans were developed in accordance with the State of Washington Model Toxics Control Act (MTCA), Chapter 173-340 of the WAC under Agreed Order No. DE 5940. The Agreed Order required that the Companies develop a RI to characterize the extent, distribution, and sources of all hazardous substances detected at the Site and submit it to Ecology for review and approval in accordance with WAC 173-340-350(7).

The purpose of this RI was to collect, develop, and evaluate sufficient information regarding the Superlon Plastics Property (Property) to enable the completion of the Feasibility Study (FS) for on-Property soil and surface water only. The RI characterizes the nature and extent of contamination in the context of past activities on the Property and presents the analytical data, fill characteristics, and other pieces of information that have been collected on the Property through the completion of the three phases of the RI.

PROPERTY LOCATION AND DESCRIPTION

The Property is located at 2116 Taylor Way in Tacoma, Washington and is currently owned by White Birch and operated by Superlon Plastics Incorporated, an extruded plastic pipe manufacturer (see Figure 2-1). The Property is located in a highly industrialized area of the Tacoma Tidal Flats located between the Blair and Hylebos Waterways.

The Property shows evidence of historical filling activities; however, the origin of the majority of the fill materials are largely unknown. Phase I, Phase II and Phase III of the RI collected additional information on the lithology of the Property.

Site History:

A history of Property ownership is as follows:

- In 1925, Latimer-Goodwin Chemical Company (Latimer-Goodwin) purchased an approximately 5-acre parcel from Buffelen Lumber & Manufacturing Company. Latimer-Goodwin developed it for the manufacture of lead arsenate pesticides.
- In 1944, Grasselli Chemicals Department (Grasselli), a subsidiary of DuPont, purchased Latimer-Goodwin’s land parcel and the pesticide manufacturing facilities located there. Grasselli manufactured lead arsenate and calcium arsenate insecticides until in 1946, and performed product mixing and agricultural chemical warehousing operations until 1949.
- In 1951, DuPont sold the Property to V.C. Monahan, who operated the Cabin Creek Lumber Company. In 1968, V.C. Monahan in turn sold the Property to Justus Company, Inc., who operated a wood treatment facility there.

Remedial Investigation Report On-Property Soils and Surface Water at the Superlon Plastics Property, Tacoma, Washington



- In 1972, Frank B. Lynott, of Justus Cedar Homes and Lindal Cedar Homes sold the Property to Mr. Ragnar M. Nars, to be used for Superlon Plastics Company, Inc.
- In 1992, the Property was subdivided evenly into thirds, all of which were re-consolidated and granted through a series of quit claim deeds to White Birch Group, LLC. White Birch continues to own the Property.

GEOLOGY

Regional Geology

The site is located within the Tacoma tide flats, an area of unconsolidated sediment from the Puyallup River Valley, which extends from Commencement Bay to the south flank of Mount Rainier, more than 45 miles to the east. Sediment deposited at the mouth of the Puyallup River resulted in a large estuarine delta into Commencement Bay. The delta consisted of a tidal flat that merged landward with complex tidal marshes and sinuous tidal channels that in turn merged with the Puyallup River Valley floor.

Local Geology

Locally the shallow geology (up to 50 feet in depth) consists of up to 10 feet of unconsolidated fill material ranging from fine sands and silts to lengths of large wood pilings, construction debris and imported wastewater treatment sludge and gypsum-related by-products. Clays, representing the former ground surface prior to filling of the Property after 1961, occur between 8 to 10 feet below ground surface (bgs) and range in thickness between 4 and 8 feet thick. Below the clay is the first water-bearing course sorted sands. These sands range from 8 to 19 feet in thickness. Underlying the sands is a 1- to 8-foot thick layer of dark gray, organic very dense clay followed by a 20-foot thick layer of black sorted water-bearing sands with intermittent clay layers.

SITE HYDROGEOLOGY

The evaluation of hydrogeology within this RI is restricted to the discussion of the surface water under Building A and within the Building B footprint (Figure 4-1) prior to the installation of quarry spalls and gravel to create an exposure barrier in that area. Site groundwater will be discussed in a future RI.

Prior to the start of the RI, on-Property surface water consisted of an intermittent pond that occurred within the basements of the former Building B and Building A. Surface water remains under Building A, and sampling was conducted from the surface water to determine water quality.

INTERIM ACTIONS

Two Interim Actions (IA) were conducted on the Property between 2009 and 2011 and two IAs are on-going. The first two of these activities are complete and have been summarized in IA reports issued to Ecology (see Section 11 for references) as follows:

1. Property Preparation and Building B Demolition (Pacific Environmental and Redevelopment Corporation [PERC] 2010a)
2. Occidental Sludge Removal and Disposal (PERC 2012)

The following two IAs are on-going and will be summarized in IA reports issued to Ecology in the future:

1. Building D Soil Removal and Disposal (Completed in March, 2012; report to be available in 2013)

2. Building B Soil Removal and Disposal (Begin in the late summer of 2012 and will be continued until 2015)

All four of the IAs have removed or will be removing soils and/or wastes impacted with Property Constituents of Potential Interest (COPIs¹).

UST INVESTIGATION

Ground penetrating radar and a magnetometer were used to determine the existence and location of underground utilities on-Property prior to start of Phase I of the RI. This investigation identified three anomalies that seemed to indicate in-place underground storage tanks (USTs). Upon invasive investigation, no USTs were discovered.

SOIL QUALITY

Sampling Approach

Soil sample locations were determined based on a sampling grid to establish a systematic characterization of the Property. Two grids were established; a Property-wide grid on 75-foot centers that covered the exposed sections of the Property (i.e. those areas not covered by buildings and other structures) and a 37.5-foot grid within the Building A and B locations. Each RI sample was analyzed for two or more constituents. Figure 7-1 shows the soil boring locations.

Laboratory analyses performed on soil samples were determined based upon the location of the sample and the COPIs expected to be present. The COPIs for each soil sample were included in the RI Work Plans and approved by Ecology prior to the sampling effort. All samples were collected using a GeoProbe,[®] except under Building A where hand augering was necessary. All samples were collected using the methodology described in the Sampling and Analytical Plan & Quality Assurance Project Plan (PERC/ PIONEER Technologies Corporation [PIONEER] 2010b). Appendix A contains the Quality Assurance/Quality Control (QA/QC) reviews and laboratory reports for these samples. The results are presented in tables in Appendix B. The locations where COPIs were detected are shown on Figures 7-3 through 7-14.

Soil Conditions

The general subsurface materials encountered consist of up to 10 feet of non-native, unconsolidated fill material. The soil type within the fill material consists of grey to dark gray silt and clay mixed with variable percentages of sand, and fine gravel. Construction and other debris makes up to 35% of the fill, and consists of wood and brick fragments, metal chain and piping, large wood pilings, porcelain fragments and imported wastewater treatment sludge, gypsum and industrial by-products. The fill material was observed consistently throughout the Property.

On-Property Soil COPCs

A total of 1,294 on-Property soil samples were collected during Phase I, II and III of the RI. Screening² of on-Property COPIs indicate that the constituents of potential concern (COPC) in on-Property soils are

¹ COPIs were identified in the RI Work Plan (PERC 2010) and included all constituents previously found to be present during environmental investigations as well as other constituents that could be present based on historical activities at the property. COPIs included, arsenic, lead, cadmium, mercury, TPH-D, TPH-G, pentachlorophenol, and volatile organic constituents.

² Media concentrations were compared to screening criteria in order to identify constituents that may be of potential concern.

arsenic, lead, cadmium, select volatile organic constituents (VOCs), pentachlorophenol, heavy oils (TPH-HO), diesel-range total petroleum hydrocarbons (TPH-D) and gasoline-range total petroleum hydrocarbons (TPH-G). While this list represents the full range of COPCs encountered in the on-Property soils, the primary Property COPCs are arsenic and lead.

SURFACE WATER QUALITY

Sampling Approach

Five surface water samples were collected from the former Building B Basement footprint and under Building A. Laboratory analyses performed on surface water samples included total and dissolved arsenic, lead cadmium, and mercury and VOCs, and semi-volatile organic constituents (SVOCs). The locations of these samples and a summary of the COPCs detected are shown on Figure 7-15 and included in Appendix B.

On-Property Surface Water COPCs

Only arsenic, cadmium, lead, mercury, TPH-HO, pentachlorophenol, 1,2-cis-dichloroethylene, trichloroethylene and vinyl chloride were detected above the screening levels. These chemicals are the COPCs for on-Property surface water.

CONCLUSIONS AND RECOMMENDATIONS

This RI characterizes the nature and extent of contamination in the context of past activities on the Property and presents the analytical data, fill characteristics, and other pieces of information that have been collected on the Property through the completion of Phase III of the RI. The evaluation of data collected during the RI and the screening of these data has determined the COPCs for on-Property soils and surface water. When evaluating these COPCs and their physical location on-Property the following can be concluded:

1. The nature and extent of COPCs in soil have been adequately characterized.
2. The on-Property COPCs are:

**Remedial Investigation Report
On-Property Soils and Surface Water at the
Superlon Plastics Property,
Tacoma, Washington**



Soil COPCS		Surface Water COPCs
COPC based on exceedance of drinking water criteria in the surficial aquifer ³	COPCs based on exceedance of MTCA Industrial Method C Direct Contact Screening Levels	COPC based on exceedance of drinking water criteria ⁴
Arsenic	Arsenic	Arsenic
Cadmium	--	Cadmium
Lead	Lead	Lead
--	--	Mercury
Pentachlorophenol	--	Pentachlorophenol
--	TPH-D	--
--	TPH-G	--
--	TPH-HO	TPH-HO
--	--	cis-1,2-Dichloroethylene
--	--	Trichloroethylene
Vinyl Chloride	--	

- Arsenic and lead are present in soil throughout the Property and concentrations exceed industrial land use direct contact screening levels.
- Arsenic, cadmium, lead, pentachlorophenol and vinyl chloride in soil may be contributing to the groundwater concentrations in the surficial aquifer.
- TPH-G, TPH-D and TPH-HO soil concentrations are greater than the industrial land use direct contact screening levels at a few isolated locations. These occurrences are co-mingled, in all cases, with arsenic and/or lead.
- VOCs (in particular trichloroethylene and vinyl chloride) appear to have been associated with the wastewater treatment sludge formerly located in the western corner of the Property. An Interim Action removed the VOC-containing wastewater treatment sludge, with the exception of a thin lens of the material at the excavation limits along the southern property boundaries in two directions - toward the Gardner-Fields property and toward the off-Property drainage ditch. This remaining material will be addressed in the FS.
- Arsenic, cadmium, lead, mercury, TPH-HO, pentachlorophenol, 1,2-cis-dichloroethylene, trichloroethylene, and vinyl chloride have been detected in surface water above drinking water screening levels, and will be considered further in the FS.

Potential Sources

Impacts to the on-Property soil and surface waters appear to have come from two types of sources - the manufacturing of lead arsenate and calcium arsenate pesticides, and the importation of non-native fill. The impacts associated with the lead arsenate and calcium arsenate pesticide manufacturing appears to be isolated to the surface water and the soils within the Building A and B footprints.

³ The aquifers beneath the Property are brackish and non-potable. As such, they cannot serve as a source of drinking water. However, the use of drinking water criteria for the purposes of COPC identification ensures that constituents will not be prematurely eliminated from further consideration in the FS.

⁴ Surface waters on the Property exist only beneath Building A and underneath quarry spalls in the former Building B footprint. As such, they cannot serve as a source of drinking water. However, the use of drinking water criteria for the purposes of COPC identification ensures that constituents will not be prematurely eliminated from further consideration in the FS.

Impacts from the introduction of imported fill are more wide-spread and consist of three distinct fill types, including:

- **Wastewater Treatment Sludge:** This material was discreetly located in the southern quarter of the property, and was largely removed in an IA (see Occidental Sludge Removal and Disposal (PERC 2012)).
- **Black Shot:** Black spherical crystalline particles believed to be “shot” likely originating from the former adjacent US Gypsum Site, located at 2301 Taylor Way. This material occurs in two locations on-Property - in the extreme eastern corner of the Property and in the general vicinity of Building D.
- **General Fill:** During IAs conducted on-Property fill was discovered which contained many types of materials including creosote-covered wood, discarded oil containers, mixed metal of various types including lead pipe, and a white, gypsum-like material believed to be a gypsum manufacturing by-product. This fill also contained typical construction debris.

COPC Groups

Due to the Property’s manufacturing and filling history, COPCs have been co-mingled at different concentration ratios and in different material types at various locations on the Property. However, from the RI it is possible to identify four main groups of COPC-bearing materials. These are:

- Soils impacted with COPCs associated with the manufacturing of lead arsenate and calcium arsenate pesticides;
- Wastewater treatment sludge: A small amount of this material remains at the southern corner of the Property along the property boundaries;
- Soils containing black, spherical particles believed to be “shot”; and,
- General Fill/waste.

It is likely that these different materials and soils will need to be addressed separately in the FS.

Recommendations for the Feasibility Study

Based on the outcome of the three phases of RI conducted on the Property, the following actions are recommended for inclusion in the FS:

- Conduct additional leachability and treatability studies to determine the physiochemical and environmental transport characteristics of on-Property soil COPCs, in particular arsenic, lead and cadmium, for each COPC grouping.
- Identify potential human and ecological receptors and exposure pathways.
- Develop recommended remediation levels for COPCs in soil.
- Determine the site-specific cleanup levels for COPCs in non-potable surface, water once additional information is developed.
- Determine the points of compliance for soil and surface water.
- Identify areas of the Property that, based on the remediation levels and the future Property Land Use Plan, will require further remediation beyond that accomplished in the IAs.
- Identify, based on a consideration of model remedies and the future Property Land Use Plan, potentially viable remedial technologies to be for used material in each COPC grouping.

Contents

PREFACE.....	2
EXECUTIVE SUMMARY.....	3
SECTION 1. INTRODUCTION.....	13
1.1. REPORT ORGANIZATION.....	13
SECTION 2. PROPERTY LOCATION AND DESCRIPTION.....	15
SECTION 3. OBJECTIVE AND SCOPE OF RI.....	16
SECTION 4. PROPERTY PHYSICAL CHARACTERISTICS.....	18
4.1. Location and Description of the Property.....	18
4.2. Climate.....	18
4.3. Ecological Setting.....	18
4.4. Property Land Use History and Aerial Photography Review.....	19
4.5. Deposition of Non-native Soils and Fill:.....	26
4.6. Land Use.....	26
4.7. Geology.....	26
4.7.1. Regional Geology.....	26
4.7.2. Local Geology.....	26
4.8. On-Property Hydrogeology.....	27
SECTION 5. INTERIM ACTIONS (IA).....	28
SECTION 6. UST INVESTIGATION.....	29
SECTION 7. RI INVESTIGATION – FIELD WORK.....	30
7.1. Soil Quality.....	30
7.1.1. Sampling Approach.....	30
7.1.2. On-Property COPIs in Soils.....	31
7.1.3. COPI Detections in Soils.....	31
7.2. Surface Water Quality.....	32
7.2.1. Sampling Approach.....	32
7.2.2. Detections of COPIs in Surface Water.....	33
7.3. Groundwater Quality.....	33
7.4. Ditch Sediment and Surface Water Quality.....	33
7.5. Off-Property Soil Quality.....	33
SECTION 8. DETERMINATION OF COPCs.....	34
8.1. Potential Sources.....	34

**Remedial Investigation Report
On-Property Soils and Surface Water at the
Superlon Plastics Property,
Tacoma, Washington**



8.2.	Land Use	34
8.3.	Drinking Water Quality.....	34
8.4.	Environmental Protection	35
8.5.	Pathway and Receptor Analysis	36
8.6.	Screening Levels.....	37
SECTION 9.	SCREENING RESULTS	40
9.1.1.	COPCs in On-Property Soils.....	40
9.1.2.	Lateral and Vertical Extent of COPCs in Soil.....	40
9.1.3.	Screening Results: COPCs in On-Property Surface Water.....	41
9.1.4.	Lateral and Vertical Extent of COPCs in Surface Water	41
SECTION 10.	CONCLUSIONS AND RECOMMENDATIONS.....	42
10.1.	Conclusions.....	42
10.2.	Potential Sources.....	42
10.3.	Treatment/COPC Groups.....	43
10.4.	Recommendations for the Feasibility Study.....	43
SECTION 11.	REFERENCES	44

Tables

7-1	Number of Samples and Detections in on-Property Soil
7-2	Arsenic Concentrations in Soil on the Superlon Property
7-3	Lead Concentrations in Soil on the Superlon Property
7-4	Cadmium Concentrations in Soil on the Superlon Property
7-5	Mercury Concentrations in Soil at the Superlon Plastics Site
7-6	Pentachlorophenol Concentrations in Soil at the Superlon Plastics Site
7-7	Gasoline Concentrations in Soil on the Superlon Property
7-8	Diesel Concentrations in Soil on the Superlon Property
7-9	Heavy Oil Concentration in Soil on the Superlon Property
7-10	Benzene Concentrations in Soil at the Superlon Plastics Site
7-11	Vinyl Chloride Concentrations in Soil at the Superlon Plastics Site
7-12	Tetrachloroethylene Concentrations in Soil at the Superlon Plastics Site
7-13	Trichloroethylene Concentrations in Soil at the Superlon Plastics Site
7-14	Number of Samples and Detections in on-Property Surface Water
8-1	Simplified Terrestrial Ecological Evaluation- Exposure Analysis Procedure
9-1	Constituents of Potential Concern in Soil Based on Comparing Surficial Aquifer Concentrations to Drinking Water Values
9-2	Constituents of Potential Concern in Soil Based on Human Health Direct Contact
9-3	Constituents of Potential Concern in Surface Water Based on Comparing Surface Water Concentrations to Drinking Water Values

Figures

2-1	Site Location Map
4-1	Site Features
4-2	Different Types of Imported Fill on the Superlon Property
4-3	Stratigraphic Boring Log
6-1	Potential Underground Storage Tanks Locations
7-1	Soil Boring Locations
7-2	Surface Water Sample Locations
7-3	Arsenic Concentrations in Soil
7-4	Lead Concentrations in Soil
7-5	Cadmium Concentrations in Soil
7-6	Mercury Concentrations in Soil
7-7	Pentachlorophenol Concentrations in Soil
7-8	Gasoline (TPH-G) Concentrations in Soil
7-9	Diesel (TPH-D) Concentrations in Soil
7-10	Heavy Oil Concentrations in Soil
7-11	Benzene Concentrations in Soil
7-12	Vinyl Chloride Concentrations in Soil
7-13	Tetrachloroethylene Concentrations in Soil
7-14	Trichloroethylene Concentrations in Soil
7-15	Constituents in Surface Water
7-16	Cross section locations
7-17	Arsenic Soil Cross section A-A'
7-18	Lead Soil Cross section A-A'
7-19	Arsenic Soil Cross section B-B'
7-20	Lead Soil Cross section B-B'
7-21	Arsenic Soil Cross section C-C'
7-22	Lead Soil Cross section C-C'
7-23	Arsenic Soil Cross section D-D'
7-24	Lead Soil Cross section D-D'
8-1	Salinity Concentration in the Surficial and Intermediate Aquifer
8-2	Conceptual Exposure Model for On-Property Soil and Surface Water

Appendices

A	QA/QC and Laboratory Reports
B	Analytical Data Tables
C	Soil Boring Logs

This page has been left blank intentionally to allow for
double-sided printing.

**Remedial Investigation Report
On-Property Soils and Surface Water at the
Superlon Plastics Property,
Tacoma, Washington**



ABBREVIATIONS AND ACRONYMS

Acronym	Description
bgs	Below ground surface
CEM	Conceptual Exposure Model
Cgs	Current ground surface
Companies	White Birch and DuPont
COPC	Constituent of potential concern
COPI	Constituent of potential interest
DuPont	E.I. duPont de Nemours and Company
Ecology	Washington State Department of Ecology
EPA	United State Environmental Protection Agency
FS	Feasibility Study
Grasselli	Grasselli Chemicals Department
IA	Interim action
LA	Landau Associates
Latimer-Goodwin	Latimer-Goodwin Chemical Company
mg/kg	Milligram per kilogram
mg/L	Milligram per liter
MTCA	Model Toxics Control Act
NPL	National Priorities List
PCE	Tetrachloroethylene
PERC	Pacific Environmental and Redevelopment Corporation
PIONEER	PIONEER Technologies Corporation
Property	Land occupied by Superlon Plastics Inc., (Parcel A)
QA/QC	Quality Assurance/Quality Control
RI	Remedial Investigation
Site	Superlon Plastics Site as defined in WAC 173-340-200
SVOC	Semi-volatile organic compound
TCE	Trichloroethylene
TDS	Total dissolved solids
TPH	Total petroleum hydrocarbons
TPH-D	Total petroleum hydrocarbons diesel fraction
TPH-G	Total petroleum hydrocarbons gasoline fraction
U.S.	United States
ug/L	Micrograms per liter
UST	Underground storage tank
VC	Vinyl chloride
VOC	Volatile organic compound
WAC	Washington Administrative Code
White Birch	White Birch, LLC

This page has been left blank intentionally to allow for
double-sided printing.

SECTION 1. INTRODUCTION

This RI has been prepared on behalf of White Birch, LLC (White Birch) and E. I. duPont de Nemours and Company (DuPont). These companies are hereafter referred to as the “Companies”. The Companies, or their authorized agent, have completed the work described in three Work Plans entitled:

1. “Phase I Remedial Investigation Work Plan, for the Superlon Plastics Site, Tacoma, Washington,” February 22, 2010 (PERC 2010).
2. “Phase II Remedial Investigation Work Plan, for the Superlon Plastics Site, Tacoma, Washington,” May 12, 2011 (PERC 2011a).
3. “Phase III Remedial Investigation Work Plan, for the Superlon Plastics Site, Tacoma, Washington,” July 17, 2012 (PERC 2012a).

These Work Plans were developed in accordance with the State of Washington Model Toxics Control Act (MTCA), Chapter 173-340 of the Washington Administrative Code (WAC) under Agreed Order No. DE 5940. The Agreed Order required that the Companies develop a RI to characterize the extent, distribution, and sources of all hazardous substances detected at the Site, as defined in WAC-340-200, and submit it to Washington State Department of Ecology (Ecology) for review and approval in accordance with WAC 173-340-350(7). The purpose of this RI is to collect, develop, and evaluate sufficient information regarding the Property occupied by Superlon Plastics Company, Incorporated (the Property) to enable the completion of a Feasibility Study (FS) for the on-Property soil and surface water at the Site. This RI characterizes the nature and extent of contamination in the context of past activities on the Property and the analytical data, fill characteristics, and other information that have been collected on the Property through the completion of Phase III of the RI.

1.1. REPORT ORGANIZATION

The RI Report is organized into eleven sections and a companion set of appendices:

- Section 1—Introduction: This section presents the purpose and objectives of the RI investigation and describes the report’s organization.
- Section 2 – Property Location and Description: This section presents a general description of the Property’s location and description.
- Section 3 – Objective and Scope of the RI: This section describes the tasks that were completed during the RI and those tasks that were excluded from this RI that were originally specified in the AO. These excluded tasks will be completed once sufficient information is developed and the collected information will presented in future RI reports.
- Section 4 – Property Physical Characteristics. This section presents a description of the Property’s background and environmental setting including the ownership history of the Site and a description of the depositional history of the non-native fill materials placed on the Property.

- Section 5 – Interim Actions: This section provides a summary of those actions that were taken and which are underway to remove impacted soils and/or wastes.
- Section 6 – UST Investigation: This section describes the process taken to determine the presence or absence of possible USTs on-Property.
- Section 7 – RI Investigation: This section describes the tasks completed to determine the absence or presence COPIs and the results of this work.
- Section 8 – Determination of COPCs: This section describes the approach used to determine the constituents of potential concern (COPCs) to be considered in the FS. The factors include a conceptual understanding of the potential or suspected sources of hazardous substances and contaminated media leading to the selection of preliminary screening levels.
- Section 9 – Screening Results: This section lists the results of the screening of the data collected during this RI and the selection of COPCs to be considered in the FS.
- Section 10 - Conclusions and Recommendations: This section reviews the results of the RI and provides -recommendations for the FS.
- Section 11 - References.

SECTION 2. PROPERTY LOCATION AND DESCRIPTION

The Property is currently owned by White Birch, LLC and operated by Superlon Plastics Incorporated (see Figure 2-1). Taylor Way borders the northeast edge of the Property. Beyond Taylor Way is a property owned by the Port of Tacoma. The Property is bounded to the north by a railroad right-of-way owned by the City of Tacoma Public Works (Parcel D). Beyond this right-of-way is a vacant triangle-shaped parcel of land owned by the Port of Tacoma. To the northwest are Lincoln Avenue and a warehouse operation. To the south and southwest is Port of Tacoma property, which is leased and, until recently, operated as the Haub Log Yard. The property to the southeast is owned by RTH Tacoma, LLC and leased and operated by Gardner-Fields Products, a roofing and waterproofing products manufacturing business.

The Property is located at 2116 Taylor Way in Tacoma, Washington and is currently owned by White Birch, LLC and operated by Superlon Plastics Incorporated, an extruded plastic pipe manufacturer. The Property is located in a highly industrialized area of the Tacoma tidal flats, located between the Blair and Hylebos Waterways. Several known Ecology and United States Environmental Protection Agency (EPA) hazardous waste cleanup sites are within 0.25 miles of the Property including the Reichold Chemical/SSA Container site, owned by SSA Containers and the Puyallup Tribe, and the Arkema site, the US Gypsum/Thermofiber Plant site, the Atofina (formerly ELF Atochem) site and the former Murray Pacific Log Yard #1, all of which are owned by the Port of Tacoma. The Hylebos Waterway National Priorities List (NPL) site is located less than 0.5 miles to the northeast.

The Property shows evidence of historical filling activities; however, the nature and origin of the majority of the fill materials are largely unknown. Previous drilling on the Site by Landau Associates (LA) for the Port of Tacoma provides some limited information on the lithology of the material (Landau, 2008). Phase I, Phase II and Phase III of the RI collected additional information on the lithology of the material. This information is included in this RI Report (see Section 4.7).

This page has been left blank intentionally to allow for
double-sided printing.

SECTION 3. OBJECTIVE AND SCOPE OF RI

The objectives of the on-Property RI were to characterize existing contamination in soil and groundwater throughout the Superlon Property, and to develop information that can help to define the boundaries of the Site. The Companies accomplished these objectives, as they relate to on-Property soils and surface water, by completing the investigations described below:

- Developed a Sampling and Analysis Plan (SAP) (PERC 2010e) and a Health and Safety Plan (HASP) (PERC 2010c) per WAC 173-340-350(7)(c)(iv). These plans were prepared and referenced as part of the RI and IA Work Plans, and conform to the requirements specified in WAC 173-340-810 and WAC 173-340-820. The HASP and the SAP were submitted to Ecology for review and approval. Analytical procedures were in accordance with WAC 173-340-830;
- Assessed the type, extent and concentrations of residual constituents of potential interest (COPI) in soil on the Property;
- Conducted additional sampling and analysis of Property soils in order to fill data gaps discovered during review of Phase I and II of the RI. Specific data gaps included, but were not be limited to, the distribution of COPIs in areas within the Building A and B footprints, within the paved and non-paved areas along south, southeast and northwestern sides of the Property, and in the areas of former diesel and gasoline underground storage tanks (USTs). Analysis of these samples included, but were not be limited to, constituents typical of pesticides of the nature previously formulated or stored on-Property, wood treating operations formerly present on-Property, and other activities or materials previously found to be present on-Property;
- Completed sampling of surface water within the former Building B Basement footprint and under Building A;
- Evaluated COPIs and developed a list of Constituents of Potential Concern (COPCs) for on-Property soils and surface waters;
- Developed a conceptual exposure model that depicts an understanding of current exposure pathways to the on-Property COPCs in soils;
- Investigated the area where former underground storage tanks (UST)s were reported to determine if they remain in place;
- Identified additional data required to complete a Feasibility Study;
- Evaluated groundwater-to-indoor air pathway associated with VOCs on the Property. An interim action was completed to remove the waste water treatment sludge and the associated potential for exposure through this pathway; and,
- Identified, pursuant to WAC 173-340-710(2), all state and federal laws and permits and substantive requirements of those permits applicable to the above listed activities that were conducted under the Agreed Order. Pursuant to WAC 173-340-710(9)(e) and paragraph P of Section VIII of the Agreed Order), additional permits or approvals or substantive requirements were met and reported to Ecology.

The Companies also accomplished the following and the results of these activities will be reported in future RIs:

- Collected off-Property surface water and sediment samples in the drainage ditch located immediately adjacent to the northwest property boundary.
- Collected off-Property soil samples at the Gardner-Fields facility located to the southeast of the Property and on the Port of Tacoma's parcel to the northeast of the Property.
- Collected a grab sample of groundwater at one location on the Gardner-Fields property.
- Installed 16 groundwater (8 in the surficial aquifer and 8 in the intermediate aquifer) monitoring wells on-Property to aid in the delineation the lateral and vertical extent of constituents in groundwater. The results of this groundwater sampling also were used to identify COPCs in soils to account for potential soil-to-groundwater impacts.
- Investigated potential impacts from past sump pump discharges to the surrounding ditch system.

Excluded from this RI are the following tasks specified in the original RI Work Plan approved by Ecology. The following investigation activities are not complete but, once sufficient information is developed, will be presented in future RI reports:

- Definition of the boundaries of the Site.
- A hydrogeological conceptual model for the Site.
- Delineation of the lateral and vertical extent of constituents in groundwater, and sediments throughout the Site (i.e., define the Site boundaries).
- Identification, pursuant to WAC 173-340-710(2), of all state and federal laws and permits and substantive requirements of those permits applicable to the excluded activities conducted under the Agreed Order. Pursuant to WAC 173-340-710(9)(e) and paragraph P of Section VIII of the Agreed Order), the determination of whether additional permits or approvals or substantive requirements are required are a continuing obligation of the Companies. Reports on initial and subsequent identifications shall be submitted to Ecology.

SECTION 4. PROPERTY PHYSICAL CHARACTERISTICS

The physical characteristics of the Superlon Property are an important factor in predicting the transport and fate of hazardous constituents in the environment, and in determining potential exposure pathways. This section discusses the RI findings regarding the physical characteristics of the Property, as specified by the Order. These physical characteristics provide input parameters for evaluating the protectiveness of future remedial actions in the Feasibility Study.

The alternatives evaluated in the FS will use these characteristics to establish cleanup and remediation levels that will be used in the final remediation of the Property. The findings presented here should therefore be considered in the context of their role within the FS evaluation framework. The following subsections describe the on-Property setting, history of past environmental studies on the Property, land use, and regional and Property-specific geology.

4.1. Location and Description of the Property

The Property is used for industrial purposes and is almost entirely developed with buildings or covered with asphalt, concrete paving or other impervious surfaces (Figure 4-1). The Property meets the MTCA definition for an industrial property (WAC 173-340-200). The ground surface elevation on-Property ranges from approximately 14 to 17 feet above the National Geodetic Vertical Datum.

4.2. Climate

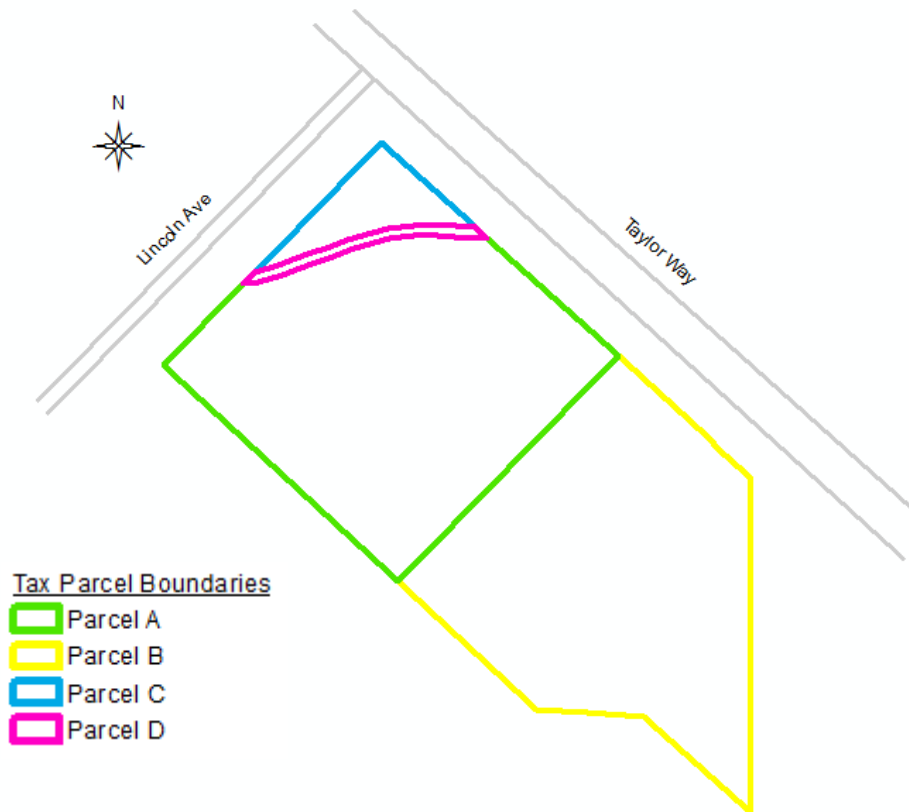
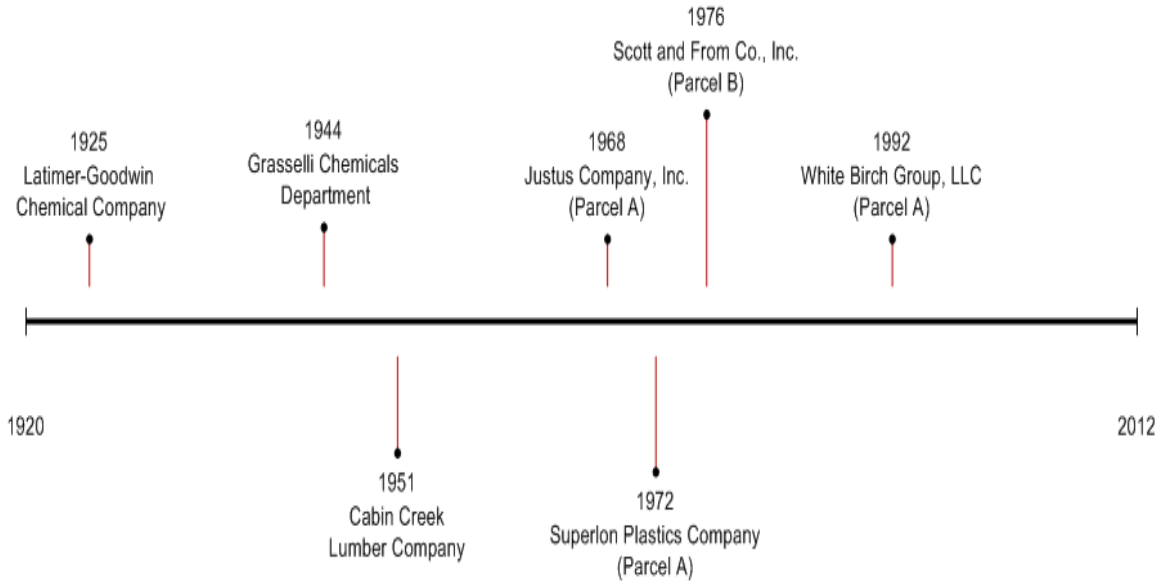
Mild temperatures and a prolonged rainy season typical of the Puget Sound region characterize the climate at the Property, with average winter daytime high temperatures in the 40s (degrees Fahrenheit) and the nighttime temperatures in the 30s. Summer daytime high temperatures average in the 70s, with nighttime lows in the 50s. Extreme temperatures usually are of short duration. The dry season is centered on July and August, with the rainy season extending from October to March. Average annual precipitation is 39.2 inches (TWC 2013).

4.3. Ecological Setting

The Property is covered with pavement, buildings and other impervious surfaces. Ecological receptors would not be directly exposed to soil containing hazardous substance(s). A Storm Water Ditch is located immediately adjacent to the northwest Property boundary and is identified as a wetland area by the City of Tacoma (GovME 2013).

4.4. Property Land Use History and Aerial Photography Review

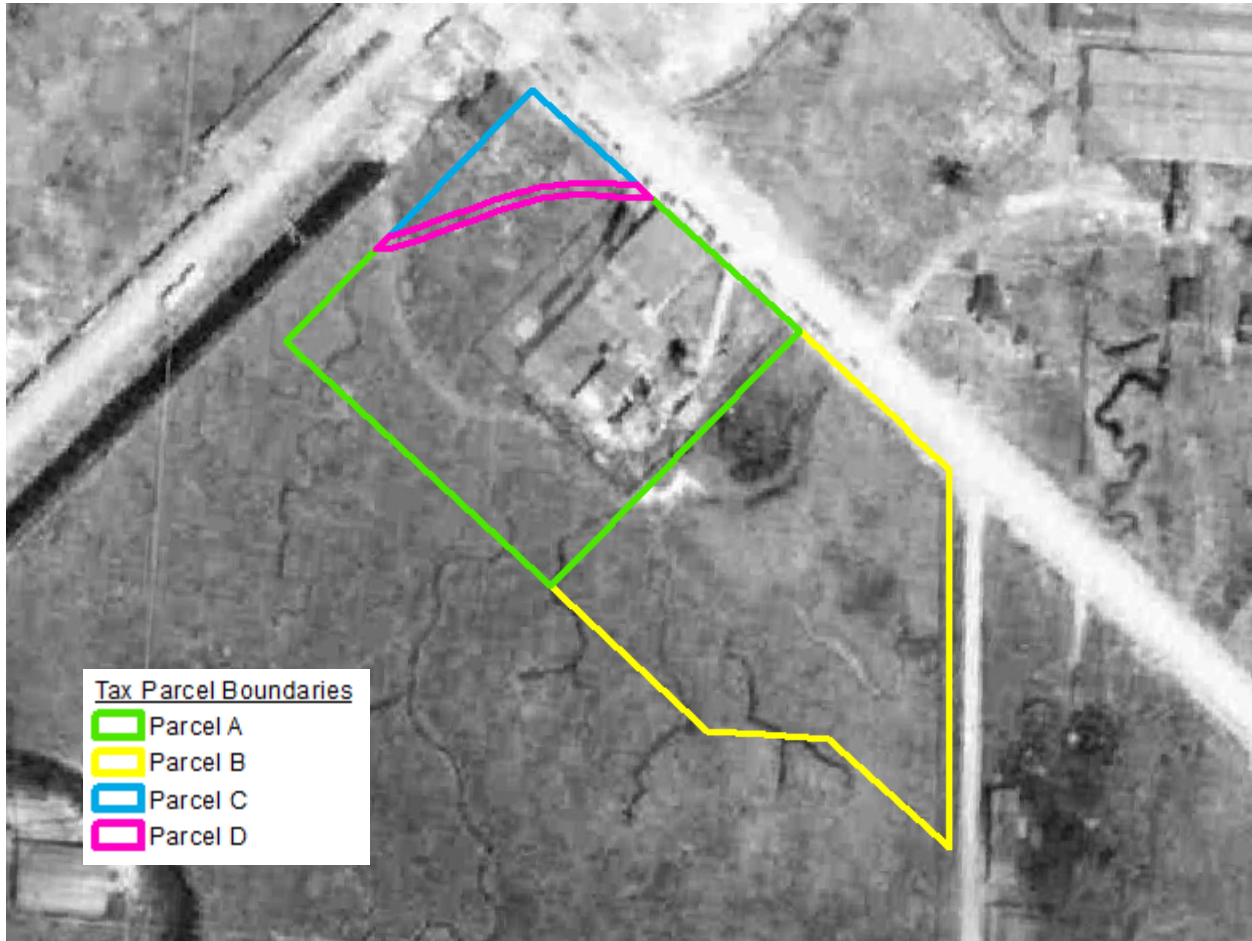
A history of Property ownership is illustrated below:



**Remedial Investigation Report
On-Property Soils and Surface Water at the
Superlon Plastics Property,
Tacoma, Washington**



In 1925, Latimer-Goodwin Chemical Company (Latimer-Goodwin) purchased an approximately 5-acre parcel from Buffelen Lumber & Manufacturing Company. Latimer-Goodwin developed this property and manufactured lead arsenate, a fruit orchard pesticide, on the Property.



Aerial Photograph 1: The aerial photograph shown above is from 1931. It shows the construction of Taylor Way and Lincoln Avenue. Construction on-Property is limited to the construction of Buildings A and B. No filling of the Property is apparent, as evidenced by the presence of natural drainage features.

Remedial Investigation Report On-Property Soils and Surface Water at the Superlon Plastics Property, Tacoma, Washington



In 1944, Grasselli Chemicals Department (Grasselli), a subsidiary of E.I. duPont de Nemours and Company (DuPont), purchased Latimer-Goodwin's land parcel and lead arsenate manufacturing facilities on-Property, including processes, inventories, select contracts, goodwill, and trademarks. In 1945, DuPont purchased another 1-acre land parcel from Buffelen Lumber & Manufacturing Company. Grasselli continued to manufacture lead arsenate and calcium arsenate insecticides until 1946, and perform dust mixing and agricultural chemical warehousing operations until 1949. Grasselli also used the Property as their western US sales office, and operated a market development program for insecticides in the northwest fruit growing area at the facility. In 1946 and 1951, portions of DuPont's land holdings were sold to the City of Tacoma (Parcel C) and Buffelen Lumber Manufacturing Company (Parcel D), respectively. However, the subject Property (Parcel A) remained in DuPont's possession.



Aerial Photograph 2: The aerial photograph shown above is from 1950. It shows the construction of the curved railroad right-of-way that defines the north boundary of the Property. Construction on-Property since that shown in Photo 1 above is isolated to the construction an access road that bisects the Property in a northeast to southwest direction and clearing of the area south of Buildings A and B. No filling of the Property is apparent, as evidenced by the presence of the same natural drainage features shown in the earlier photograph.

In 1951, DuPont sold the remaining land holding (Parcels A and B, totaling 6.07 acres), including the Property (Parcel A), to V.C. Monahan, who operated as Cabin Creek Lumber Company. In 1968, V.C. Monahan divided the land holding and sold 3.1 acres (Parcel A) to Justus Company, Inc., who operated a wood treatment operations on-Property.



Aerial Photograph 3: The aerial photograph shown above is from 1967. It shows the filling of the northern section of the Property with a white gypsum-like fill material. The construction of Taylor Way and Lincoln Avenue is near completion. Construction on-Property appears to be unchanged since that shown in Photo 2, above. Filling of the current Gardner-Fields property south of the Property is apparent, as evidenced by the presence of black material and the absence of the natural drainage features shown in earlier photographs. This filling also extends onto the extreme southeastern corner of the Property.

In 1972, Frank B. Lynott, of Justus Cedar Homes and Lindal Cedar Homes, ceased wood treatment operations on-Property and sold the 3.1-acre Property (Parcel A) to Mr. Ragnar M. Nars, for use by the Superlon Plastics Company, Incorporated (Superlon). In 1976, Parcel B was sold to Scott and From Co. Incorporated.



Aerial Photograph 4: The aerial photograph shown above is from 1972. It shows the completion of the filling of the property and the construction of the first phase of Superlon's Building C. Development of the Haub Log Yard is underway, and the configuration of the drainage ditch along the southern property boundary has changed from its former location to, roughly, its current location.

From 1992 to present, ownership of the Property (Parcel A) was subdivided evenly into thirds, all of which were re-consolidated and granted through a series of quit claim deeds to White Birch Group, LLC.



Aerial Photograph 5: The aerial photograph shown above is from 1992. Development of the Property continues with the expansion of Building C to its current size. The current Gardner-Fields property has been completely filled, and is being used for storage.



Aerial Photograph 6: The aerial photograph above shows the property as it appeared on July 5, 2012. This photograph shows the results of the on-Property installation of the exposure barrier in the east-southeastern section of the Property, the demolition of Building B and the placement of an exposure barrier in its footprint, and the construction of Building D. The Property remains in the ownership of White Birch Group, LLC., in this configuration. The storage tanks shown on the Gardner-Fields property were constructed in 2011.

4.5. Deposition of Non-native Soils and Fill

Deposition of fill on-Property began after 1961 with the introduction of non-native, unconsolidated fill material ranging from fine sands and silts to lengths of large wood pilings, construction debris (including lead pipe), wastewater treatment sludge, gypsum wastes and manufacturing by-products imported from off-Property sources. This fill occurs Property-wide, ranging from 8 to 10 feet in thickness (see Figure 4-2).

4.6. Land Use

Based upon information obtained from the most recent City of Tacoma zoning map (dated 17 September 2012) the Property and surrounding land it are zoned for industrial use.

4.7. Geology

4.7.1. Regional Geology

The Property is located within the Tacoma tide flats, an area of unconsolidated sediment from the Puyallup River Valley, which extends from Commencement Bay to the south flank of Mount Rainier, more than 45 miles to the east. Sediment deposited at the mouth of the Puyallup River resulted in a large estuarine delta into Commencement Bay. The delta consisted of a tidal flat that merged landward with complex tidal marshes and sinuous tidal channels that, in turn, merged with the Puyallup River Valley floor.

4.7.2. Local Geology

Locally, the shallow geology (up to 50 feet in depth) consists of up to 10 feet of unconsolidated fill material ranging from fine sands and silts to lengths of large wood pilings, construction debris and imported wastewater treatment sludge, gypsum and manufacturing by-products. Clays, representing the former ground surface prior to filling of the Property after 1961, occur between 8 to 10 feet below bgs and range in thickness between 4 and 8 feet thick. Below the clay is the first water-bearing course sorted sands. These sands range from 8 to 19 feet in thickness. Underlying the sands is a 5- to 8-foot thick layer of dark gray, organic very dense clay followed by a 20-foot thick layer of black sorted water-bearing sands. A thin clay layer underlies the sands and completes the top 50 feet of the soil column (Figure 4-3).

4.7.2.1. *Geologic Unit A - Fill Unit*

The uppermost geological unit underlying the on-Property is the Fill Unit. This unit consists of up to 10 feet of unconsolidated fill material ranging from fine sands and silts to lengths of large wood pilings, construction debris, wastewater treatment sludge, gypsum, and manufacturing by-product wastes imported from off-Property sources. Water is intermittently present in this fill material and is discontinuous. Recharge to this water-bearing zone is mainly through infiltration of precipitation in unpaved areas.

4.7.2.2. Geologic Unit B

Geologic Unit B comprises the uppermost layer of pre-filling soil and consists of 8 to 19 feet of predominantly sandy to clayey organic silt with minor peat, woody debris, and shell fragments. Unit B is a confining unit separating the surface/perched water in Unit A and the shallow aquifer in Unit C (discussed below). The upper surface of this layer varies in elevation, probably because of surface drainages previously located throughout the tide flats (Bortleson et. al. 1980).

4.7.2.3. Geologic Unit C

Geologic Unit C comprises the sandy deltaic sediments underlying Unit B, and is identified as the shallow aquifer. The black to medium gray sands are fine to coarse grained with occasional silt. The thickness of this unit range from 8 to 19 feet in thickness in borings advanced to its depth. Groundwater within Unit B will be described within the RI for that media.

4.7.2.4. Geologic Unit D

Geologic Unit D comprises the low permeability layer below the shallow aquifer (Unit C). This low permeability unit consists of sandy silt or clayey silt deltaic sediments. On-Property the thickness of this unit ranges from 1 to 8 feet.

4.7.2.5. Geologic Unit E

On-Property Geologic Unit E consists of a 20-foot thick layer of black sorted sands below Unit D that extend to a depth of greater than 50 feet bgs. Unit E is identified as the intermediate aquifer. Groundwater within Unit E will be described within the RI for that media.

4.7.2.6. Geologic Unit F

Geologic Unit E consists of a low permeability layer of sandy silt or clayey silt deltaic sediments. On-Property the thickness of this unit ranges from 3 to 10 feet.

Regionally, Geologic Units E and F are part of a larger unit consisting of alternating layers of silts and sands below Unit D that extend to a depth of at least 120 feet bgs (Bortleson et. al. 1980).

4.8. On-Property Hydrogeology

Once the Site groundwater characteristics have been defined, they will be discussed in a future RI report.

SECTION 5. INTERIM ACTIONS (IA)

Two IAs were conducted on the Property between 2010, and 2011 and two IAs are on-going. The first two of these activities are complete and have been summarized in IA reports issued to Ecology (see Section 11 for references). They are:

1. Phase I Interim Action Report for the Superlon Plastics Site (PERC 2012b). This IA included:
 - Removing surficial vegetation;
 - Installing a coffer dam between Buildings A and B to facilitate surface water management;
 - Removing and disposing a four-inch layer of surface soil across all exposed areas of the Property;
 - Contouring the ground surface to direct surface water toward Building B;
 - Placing a compacted gravel layer over the area to prevent contact with contaminated soils;
 - Characterizing Building B materials to determine the proper disposal option after demolition;
 - Demolishing Building B and disposing the resulting debris; and,
 - Securing the Building B footprint by placing a layer of quarry spalls over this area.
2. Sludge Excavation and Disposal for the Superlon Plastics Site (PERC 2012c). This IA included:
 - Excavating wastewater treatment sludge;
 - Characterizing excavated materials to determine the proper disposal option; and,
 - Disposing the excavated waste water treatment sludge.

The following two IAs are on-going and will be summarized in IA reports issued to Ecology in the future. They are:

1. Building D Soil Removal and Disposal. This work was completed in March, 2012, and a report will be available in 2013. During this work the following was accomplished:
 - Excavating soil exceeding excavation goals underneath the footprint of Building D;
 - Characterizing excavated materials to determine the proper disposal option; and,
 - Disposing the excavated soils.
2. Building B Soil Removal and Disposal. This work began in the late summer of 2012 and is scheduled to be completed in 2015 (PERC 2011). During this work the following was or will be accomplished:
 - Excavating soils exceeding excavation goals within the footprint of former Building B;
 - Characterizing excavated materials to determine the proper disposal option; and,
 - Dewatering and disposing the excavated soils.

All four of the IAs have removed or will be removing impacted soils and/or wastes. Data from sampling points that have been or will be removed during the approved IAs are not be included in this RI Report, because they no longer represent Property conditions that should be evaluated in the FS.

This page has been left blank intentionally to allow for
double-sided printing.

SECTION 6. UST INVESTIGATION

Ground penetrating radar and a magnetometer were used to determine the existence and location of underground utilities on-Property prior to start of Phase I of the RI. This investigation identified three anomalies that seemed to indicate in-place underground storage tanks (USTs). Figure 6-1 presents these locations. Since no USTs were reported to be in the vicinity of these anomalies, an investigation was conducted to determine if they were present. Upon investigation, no USTs were discovered.



Location 1:

An exploratory Test pit was dug to a depth of six feet. The material/soil excavated was non-native fill consisting of mixed metal and gypsum rich-soil. No evidence of an UST was noted. The photograph shows the depth of excavation.



Location 2:

An exploratory Test pit was dug to a depth of six feet. The material/soil excavated was non-native fill consisting of mixed metal, wood, metal plating and gypsum rich-soil. No evidence of an UST was noted. The photograph shows the depth of excavation.



Location 3:

An exploratory Test pit was dug to a depth of seven feet. The material/soil excavated was non-native fill consisting of corrugated mixed metal, and gypsum rich-soil. No evidence of an UST was noted. The photograph shows the depth of excavation.

This page has been left blank intentionally to allow for double-sided printing.

SECTION 7. RI INVESTIGATION – FIELD WORK

The following tasks were completed during this RI to determine the nature and extent of COPIs⁵ in on-Property soils and surface water. This work included sample collection, laboratory analyses, data evaluation, and presentation of sampling results from the two environmental media, as follows:

- 59 soil borings were completed and 1294 soil samples were collected (see Figure 7-1). A total of 3,072 analyses were conducted on these samples. The soil boring logs are included as Appendix C.
- Five surface water samples were collected (see Figure 7-2).

Samples of two other environmental media, groundwater and off-Property sediment, also were collected during the three phases of the RI. The results of this work will be presented in future RI reports.

All RI data were collected in accordance with the Sampling and Analytical Plan & Quality Assurance Project Plan (PERC/PIONEER 2010b). All of the on-Property soil and surface water data collected during Phase I, II, and III are presented in this document. Data from sampling points that have been or will be removed during the approved IAs are not included in this RI Report, because they will not represent Property conditions that should be evaluated in the FS.

7.1. Soil Quality

7.1.1. Sampling Approach

Phase I soil sample locations were determined based on a sampling grid to establish a systematic characterization of the Property. Two grids were established; a Property-wide grid on 75-foot centers that covered the exposed sections of the Property (i.e. those areas not covered by buildings and other structures) and a 37.5-foot grid under the locations of Buildings A and B.

Phase II and Phase III soil sample locations were selected based on an evaluation of the Phase I sampling results. Phase II and III soil samples were collected to further characterize the lateral and vertical extent of COPIs and to aid the design of IAs. Each RI sample was analyzed for two or more constituents. Figure 7-1 shows the on-Property soil boring locations.

Laboratory analyses performed on soil samples included four total metals (arsenic, lead, cadmium, and, in selected locations, mercury), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs [pentachlorophenol]), and Total Petroleum Hydrocarbons – diesel fraction (TPH-D) and Total Petroleum Hydrocarbons – gasoline fraction (TPH-G) and heavy oils. Summary tables for arsenic, lead, cadmium, mercury, pentachlorophenol, benzene, trichloroethylene (TCE), tetrachloroethylene (PCE), vinyl chloride (VC), TPH-D, TPH-G and TPH-HO are contained in Tables 7-3 through 7-14. Appendix A contains the QA/QC and laboratory

⁵ COPIs were identified in the RI Work Plan (PERC 2010) and included all constituents previously found to be present during environmental investigations as well as other constituents that could be present based on historical activities at the property. COPIs included, arsenic, lead, cadmium, mercury, TPH-D, TPH-G, pentachlorophenol, and volatile organic constituents.

reports for these samples. Detailed results are presented for each sample in each medium in tables in Appendix B.

All samples were collected using a Geoprobe® drill, except under Building A, where hand augering was necessary. All samples were collected using the methodology described in the Sampling and Analytical Plan & Quality Assurance Project Plan (PERC/PIONEER 2010b).

7.1.2. On-Property COPIs in Soils

A total of 1,294 samples of on-Property soils were collected during Phase I, II, and III of the RI. Laboratory analyses performed on these samples included up to four metals (arsenic, lead, cadmium, and, in selected locations, mercury), VOCs, SVOCs (pentachlorophenol), and Heavy Oils, TPH-D and TPH-G. The laboratory analytical results for all constituents are presented in Appendix B.

The data collected during Phase I, II, and III of the RI were evaluated based historical information, constituent concentrations, and the frequency of detection and the following key COPIs were identified:

- Lead
- Arsenic
- Cadmium
- Mercury
- TPH-D
- TPH-G
- Heavy oils
- Pentachlorophenol
- VOCs, in particular PCE, TCE and VC

7.1.3. COPI Detections in Soils

A summary of the number of sample analyzes and the number of detections for the key COPIs is presented in Table 7-1. The locations where the key COPIs were detected are shown on Figure 7-2 through 7-13. Subsurface cross-sections showing key COPI detections across selected areas of the Property are shown on Figures 7-16 through 7-20.

**Table 7-1: Number of Sample Analyzes and Detections in on-Property
Soil**

Soil COPIs	Number of Analyzes	Number of Detections
Arsenic	393	379
Lead	393	391
Cadmium	389	250
Mercury	21	18
TPH-G	150	48
TPH-D	156	66
TPH-HO	83	33
Pentachlorophenol	187	5
Tetrachloroethylene	325	50
Trichloroethylene	325	82
Vinyl chloride	325	33
Benzene	325	126

7.2. Surface Water Quality

Prior to the start of the RI, surface water consisted of intermittent standing water that occurred within the basements of the former Building B and Building A. To create a safe environment for workers and the local ecology, an exposure barrier of quarry spalls and/or crushed rock was installed, effectively covering the surface water in the footprint of building B after it was demolished. Surface water remains under Building A. Sampling was conducted from these surface waters to determine water quality.

7.2.1. Sampling Approach

A total of five surface water samples were collected from the former Building B footprint and under Building A. Laboratory analyses performed on surface water samples included total and dissolved arsenic, lead cadmium, and mercury and VOCs, and SVOCs.

7.2.2. Detections of COPIs in Surface Water

A summary of the number of analyzes and the number of detections for the key COPIs is presented in Table 7-14. The sample locations and a summary of the key COPI concentrations are shown on Figure 7-15 and included in Appendix B.

Table 7-14: Number of Analyzes and Detections in on-Property Surface Water

Surface Water (Totals data) COPIs	Number of Analyzes	Number of Detections
Arsenic	5	5
Lead	5	5
Cadmium	5	5
Mercury	3	2
Tetrachloroethylene	3	2
Trichloroethylene	3	1
cis-1,2-Dichloroethylene	3	3
Vinyl chloride	3	3
Pentachlorophenol	3	1
TPH-HO	2	2

7.3. Groundwater Quality

Groundwater quality will be discussed in a future RI.

7.4. Ditch Sediment and Surface Water Quality

The results of the surface water sediment sampling conducted within the ditch that borders the northwest Property boundary will be presented in a future RI.

7.5. Off-Property Soil Quality

Off-Property soil quality will be presented in a future RI.

SECTION 8. DETERMINATION OF COPCS

COPCs were identified by comparing maximum constituent concentrations to screening criteria. If any constituent concentration exceeded the screening criteria then it was considered to be a COPC. The COPCs that will be considered in the FS are based on the potential or suspected sources of constituents, types and concentrations of constituents, potentially affected media, potential exposure pathways and receptors, and land use. This determination of on-Property COPCs will aid in the development of an on-Property conceptual site model in the FS that will reflect Property conditions at the time of FS development and future Property development. All complete exposure pathways will be considered at that time, while examining risks to human health and the environment and developing proposed cleanup and remediation levels. Details of the sources and transport mechanisms, in addition to transport pathways, exposure routes, and receptors will be presented in the FS.

8.1. Potential Source Related Activities

The potential sources of constituents historically associated with the Property and addressed in the RI can generally be attributed to one of the following general manufacturing processes or activities:

- Pesticide Manufacturing
- Wood Treatment
- Chemical storage
- Fuel storage
- Historic land filling activities

The Property was investigated for potential sources of hazardous substances in environmental media Property-wide. In addition, on-Property groundwater, as well as soil and sediment immediately adjacent to the Property were investigated.

8.2. Land Use

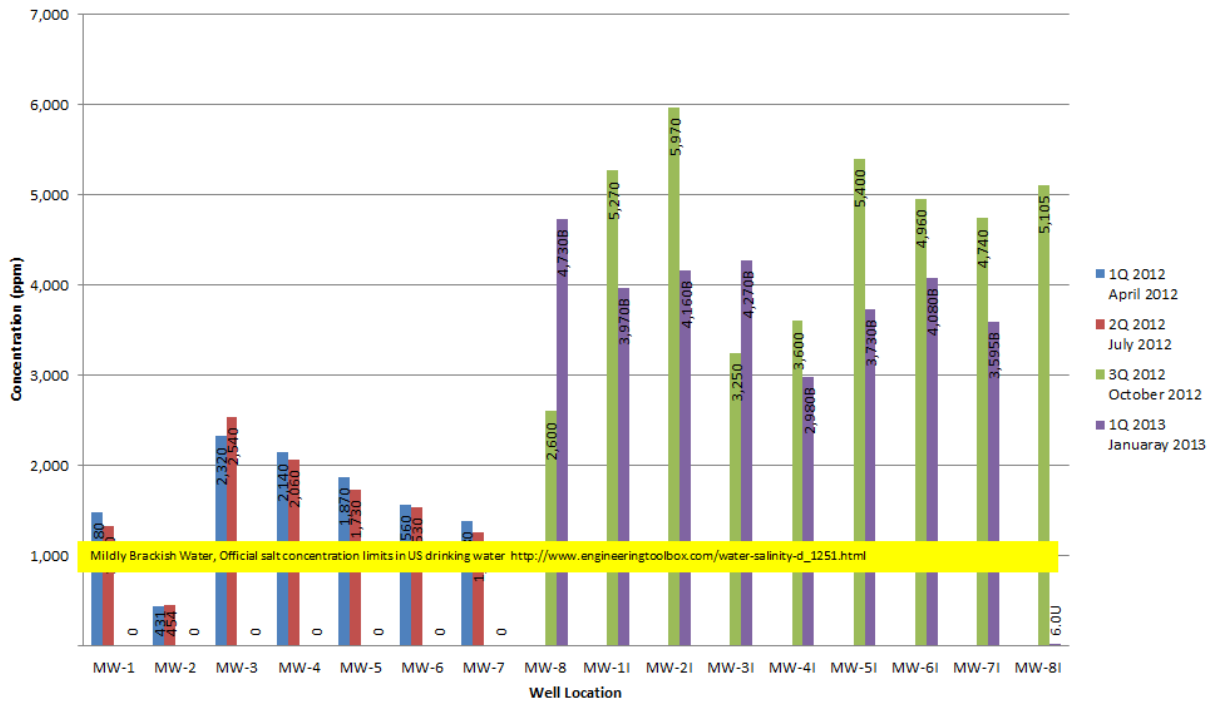
The Property and surrounding properties are used solely for Industrial purposes. The Property meets the criteria of an industrial property as specified in WAC 173-340-745. The Property and adjacent properties are zoned Port Maritime and Industrial under Title 13 of the City of Tacoma Municipal Code. A long-term property land use plan has been developed and incorporates Superlon's long-term goals and desire to expand and upgrade their operations (ESM 2011). This land use plan will be incorporated in the FS when evaluating various remedial alternatives.

8.3. Drinking Water Quality

Groundwater underlying the Property is non-potable under WAC 173-340-720(2). Ecology confirmed this assumption in the Cleanup Action Plan for the Reichold Chemical Site, an adjacent property by stating "The site is underlain by three aquifers and two confining layers or 'aquifers'.... and that "....these three aquifers are brackish and non-potable...." (Ecology, 2008). This also has been confirmed by groundwater sampling at the Property, which has demonstrated that it is brackish and therefore, non-potable (see Figure 8-1).



Figure 8-1: Salinity Concentration in the Surficial and Intermediate Aquifer



8.4. Environmental Protection

Because the Property is covered with pavement, buildings and other impervious surfaces, ecological receptors cannot be directly exposed to soil or surface water containing hazardous substance(s). Therefore, the Property would qualify for an exclusion from a terrestrial ecological evaluation under WAC 173-340-7491 (see Table 8-1).

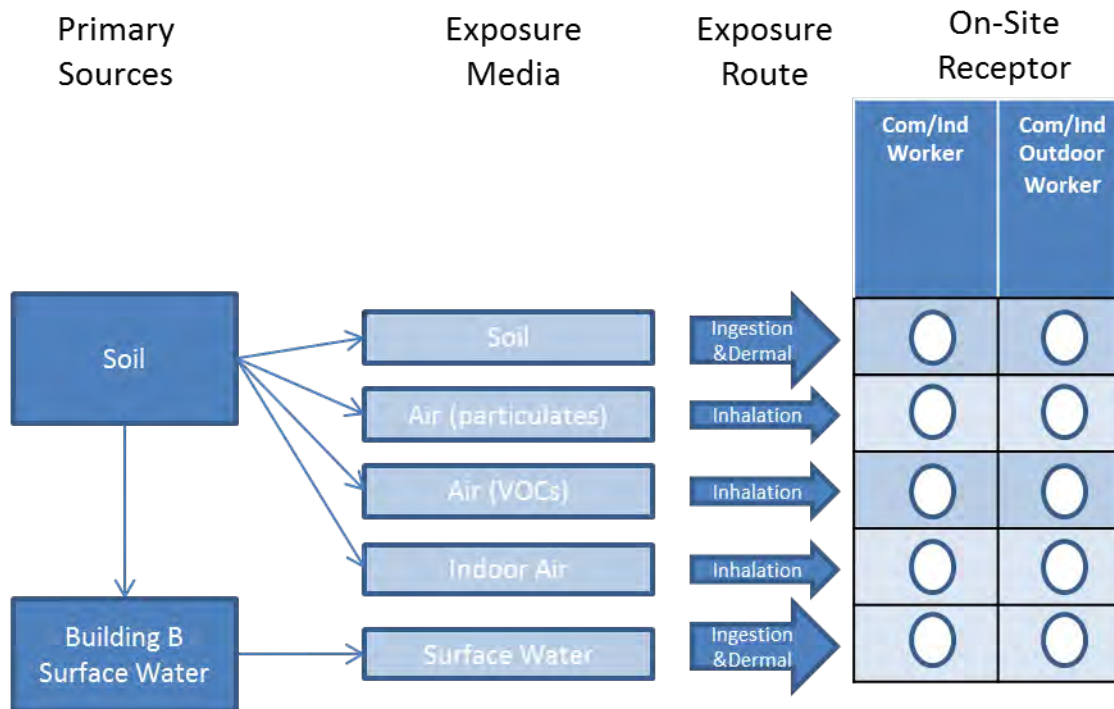
Table 8-1: Simplified Terrestrial Ecological Evaluation- Exposure Analysis Procedure

MTCA Simplified TEE Question		Property Result
Estimate the area of contiguous (connected) undeveloped land on the site or within 500 feet of any area of the site to the nearest ½ acre (1/4 acre if the area is less than 0.5 acre).		All of the current Property is currently used for industrial purposes, or is undergoing remediation. All surrounding properties are also either active industrial facilities or designated for industrial use.
1) From the table below, find the number of points corresponding to the area and enter this number in the field to the right.		
Area (acres)	Points	Property Score
0.25 or less	4	4
0.5	5	
1.0	6	
1.5	7	
2.0	8	
2.5	9	
3.0	10	
3.5	11	
4.0 or more	12	
2) Is this an industrial or commercial property? If yes, enter a score of 3. If no, enter a score of 1.		3
3) Enter a score in the box to the right for the habitat quality of the site using the following rating system ³ : High = 1, Medium = 2, Low = 3		3
4) Is the undeveloped land likely to attract wildlife ⁴ ? If yes, enter a score of 1 in the box to the right. If no, enter a score of 2.		2
5) Are there any of the following soil contaminants present: Chlorinated dioxins/furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, pentachlorobenzene? If yes, enter a score of 1 in the box to the right. If no, enter a score of 4.		1
6) Add the numbers in the boxes on lines 2-5 and enter this number in the box to the right. If this number is larger than the number in the box on line 1, the simplified evaluation may be ended.		13




8.5. Pathway and Receptor Analysis

Information collected during the RI will be used in the FS to determine current and future land use, receptors, potentially complete exposure pathways, and ultimately cleanup and remediation levels. The figure presented below is the conceptual exposure model (CEM) for On-Property soil and surface water under the current land use. As shown in this CEM, there currently are no complete exposure pathways.

Figure 8-2: Conceptual Exposure Model for On-Property Soil and Surface Water



Notes:

-  Complete Exposure Pathway
-  Incomplete Exposure Pathway
-  Potentially complete but, insignificant exposure pathway

8.6. Screening Levels Used to Identify COPCs

Screening levels are numerical concentrations used to compare with constituent concentrations in soil and surface water on the Property in order to determine if the Property is adequately characterized, and to identify which areas of the Property require further consideration in the FS. The aquifers beneath the Property are brackish and non-potable. As such, they cannot serve as a source of drinking water. Similarly, surface waters on the Property exist only beneath Building A and underneath quarry spalls in the former Building B footprint and as such, cannot serve as a source of drinking water. However, the use of drinking water criteria as screening levels for the purposes of COPC identification ensures that constituents will not be prematurely eliminated from further consideration in the FS.

The applicability and appropriateness of these screening levels will be considered during the remedial alternatives evaluation in the FS. This evaluation will take into consideration the Property's physical conditions, fate and transport analysis, and the CEM. Proposed remedial actions will be developed in the FS and will include appropriate and protective cleanup levels and remediation levels for approval by Ecology.

8.6.1.1. Soil Screening Levels

Soil constituent concentrations were screened in this RI using two different methods. Any COPC that exceeds either of these screening levels were considered a soil COPC for this RI and recommended for further evaluation in the FS.

The first screening evaluation that was performed to identify soil COPCs was to compare surficial groundwater concentrations, obtained as part of the RI, to MTCA drinking water criteria. The Property groundwater is not potable but, this comparison was made in order to identify constituents in soil that may be affecting groundwater. In other words, if a constituent is detected in soil but not detected in groundwater, then soil-to-groundwater is an incomplete transport pathway. Conversely, if a constituent was detected in groundwater above its MTCA drinking water criterion this indicates that it should be included as COPC for soil, due to the potential for soil-to-groundwater transport. Table 9-1 compares the maximum detected constituent concentration in groundwater to MTCA Method B drinking water criteria. Based on that comparison the following soil COPCs were identified:

- Arsenic
- Lead
- Cadmium
- Pentachlorophenol
- Vinyl Chloride

The second screening evaluation that was performed to identify soil COPCs was to compare on-Property soil concentrations to default commercial/industrial risk-based screening criteria (Industrial Method C). Table 9-2 compares the maximum detected soil concentrations to MTCA Method C Commercial/Industrial screening concentration and The following soil COPCs were identified:

- Arsenic
- Lead
- TPH: Diesel Range Organics
- TPH: Gasoline Range Organics
- TPH: Motor Oil Range Organics

8.6.1.2. Surface Water Screening Levels

The Property meets the criteria of an industrial property as specified in WAC 173-340-745, and Ecology has determined that the groundwater is non-potable (Ecology, 2008). On-Property surface water is also non-potable and no longer accessible, as there is an exposure barrier present. MTCA Method C Industrial non-potable groundwater (WAC 173-340-720) criteria could have been developed for the surface water if there had been any complete on-property exposure pathways. Since there are no complete on-Property exposure pathways, surface water constituent concentrations were compared to MTCA Method B drinking water criteria. Table 8-3 compares the maximum detected surface water concentrations to MTCA Method B drinking water screening concentrations and the following surface water COPCs were identified:

- Arsenic
- Cadmium
- Lead
- Mercury
- TPH: Heavy Oil Range Organics
- Pentachlorophenol
- cis-1,2-Dichloroethylene
- Trichloroethylene
- Vinyl Chloride

SECTION 9. SCREENING RESULTS

9.1.1. COPCs in On-Property Soils

Screening of the data collected during Phase I, II and III of the RI indicate that the COPCs in on-Property soils include (Tables 9-1 and 9-2):

- Arsenic
- Lead
- Cadmium
- Pentachlorophenol
- Vinyl Chloride
- TPH: Diesel Range Organics
- TPH: Gasoline Range Organics
- TPH: Motor Oil Range Organics

Data from the Phase I, II and III RI sampling and analysis indicate that the highest concentrations of these constituents occur in shallow (0-8 feet) soil samples collected in the footprint of Building B and surface (0-3 feet) soil samples collected beneath Building A. Constituent concentrations outside of Buildings A and B are fairly consistent, although there are isolated exceptions. The highest constituent concentrations of COPCs in soils outside of the Buildings A and B footprints occur in shallow (0-8 feet) soil samples.

9.1.2. Lateral and Vertical Extent of COPCs in Soil

The vertical extent of constituents was generally confined to a depth of less than 10 feet and equal to the depth from the current ground surface to the ground surface prior to filling of the Property after 1961. The material/soil making up this soil column is introduced non-native fill material. The lateral extent of the constituents detected in Property soil and debris was generally limited to:

- **Lead:** Lead detections were encountered Property-wide, primarily within the fill introduced to bring the Property up to current ground surface (cgs) and within the Building B footprint and under Building A. The highest concentrations occur within the footprints of Buildings A and B, and in an approximately 75-foot wide section of Property with a decreasing concentration trend southward from the Building A footprint toward the Gardner-Fields property.
- **Arsenic:** Arsenic detections were encountered Property-wide primarily within the fill introduced to bring the Property up to current ground surface (cgs) and within the Building B footprint and under Building A. In all cases arsenic, if detected, was associated with lead. The highest concentrations occur within the footprints of Buildings A and B, and in an approximately 75-foot wide section of Property with a decreasing concentration trend southward from the Building A footprint toward the Gardner-Fields property.
- **Cadmium:** Cadmium is detected fairly consistently Property-wide, but mostly at low concentrations outside the Building A and B footprints.

- Pentachlorophenol: Pentachlorophenol concentrations exceeding the screening level limited to one sample, SUP-SL_1, located in the southernmost corner of the Property.
- TPH-G, TPH-D and TPH-HO exceedances are primarily isolated to the northern corner of the Property, near Building D.
- VOCs (in particular PCE, TCE, and VC) appear to have been associated with the wastewater treatment sludge formerly located in the western corner of the Property. Interim Actions have largely removed all VOCs, leaving only a thin lens of wastewater treatment sludge containing VOCs at the excavation limits along the southern property boundaries in two directions; toward the Gardner-Fields property and toward the drainage ditch. This remaining waste water sludge will be addressed in the FS.

9.1.3. Screening Results: COPCs in On-Property Surface Water

Screening of the data collected during Phase I, II and III of the RI indicates that the COPCs in on-Property soils include (Table 9-3):

- Arsenic
- Cadmium
- Lead
- Mercury
- TPH: Heavy Oil Range Organics
- Pentachlorophenol
- 1,2-cis-DichloroethyleneTrichloroethylene
- Vinyl Chloride

The source of all VOCs was largely removed during the wastewater treatment sludge IA. The exceedances of VOCs in surface water are expected to diminish over time, following this IA.

9.1.4. Lateral and Vertical Extent of COPCs in Surface Water

Concentrations of COPCs exceed at least one screening level throughout the surface water body.



SECTION 10. CONCLUSIONS AND RECOMMENDATIONS

10.1. Conclusions

This RI characterizes the nature and extent of contamination resulting from past activities on the Superlon Plastics Property and presents the analytical data, fill characteristics, and other information that have been collected on the Property through the completion of Phase III of the RI. The evaluation of data collected during the RI, and the screening of these data has determined the COPCs for on-Property soils and surface water. When evaluating these COPCs and their physical location on-Property the following can be concluded:

1. The nature and extent of COPCs in soil have been adequately characterized.
2. The on-Property COPCs are:

Soil COPCs		Surface Water COPCs
COPC based on exceedance of drinking water criteria in the surficial aquifer ⁶	COPCs based on exceedance of MTCA Industrial Method C Direct Contact Screening Levels	COPC based on exceedance of drinking water ⁷
Arsenic	Arsenic	Arsenic
Cadmium	--	Cadmium
Lead	Lead	Lead
--	--	Mercury
Pentachlorophenol	--	Pentachlorophenol
--	TPH-D	--
--	TPH-G	--
--	TPH-HO	TPH-HO
--	--	cis-1,2- Dichloroethylene
--	--	Trichloroethylene
Vinyl Chloride	--	

10.2. Potential Sources

Impacts to the on-Property soil and surface waters appear to have come from two sources - the manufacturing of lead arsenate and calcium arsenate pesticides, and the importation of non-native fill. The impacts associated with pesticide manufacturing seem to be isolated to the surface water and the soils within the Building A and B footprints.

⁶ The aquifers beneath the Property are brackish and non-potable. As such, they cannot serve as a source of drinking water. However, the use of drinking water criteria for the purposes of COPC identification ensures that constituents will not be prematurely eliminated from further consideration in the FS.

⁷ Surface waters on the Property exist only beneath Building A and underneath quarry spalls in the former Building B footprint. As such, they cannot serve as a source of drinking water. However, the use of drinking water criteria for the purposes of COPC identification ensures that constituents will not be prematurely eliminated from further consideration in the FS.

Impacts from the introduction of imported fill are more wide-spread and consist of three distinct types. They are:

- **Wastewater treatment sludge:** This material was discreetly located in the southern quarter of the property, and was largely removed in an IA (see Sludge Excavation Removal and Disposal (PERC 2012)).
- **Black Shot:** Spherical particles believed to be “shot” likely originating from the former adjacent US Gypsum Site located at 2301 Taylor Way. This material occurs in two locations on-Property - in the extreme eastern corner of the Property and in the general vicinity of Building D.
- **General Fill:** During IAs conducted on-Property fill was discovered which contained many types of materials, including creosote-covered wood, discarded oil containers, mixed metal of various types including lead pipe, and a white gypsum-like material believed to be a gypsum manufacturing by-product. This fill also contained typical construction debris.

10.3. COPC Groups

Due to the Property’s manufacturing and filling history, COPCs have been co-mingled at different concentration ratios and in different material types at various locations on the Property. However, from the RI it is possible to identify four main groups of COPC-bearing materials. These are:

- Soils impacted with COPCs associated with the manufacturing of lead arsenate and calcium arsenate pesticides;
- Wastewater treatment sludge: A small amount of this material remains at the southern corner of the Property along the property boundaries;
- Soils containing black, spherical particles believed to be “shot”; and,
- General Fill/waste.

It is likely that these different materials and soils will need to be addressed separately in the FS.

10.4. Recommendations for the Feasibility Study

Based on the outcome of the three phases of RI conducted on the Property, the following actions are recommended for inclusion in the FS:

- Conduct additional leachability and treatability studies to determine the physiochemical and environmental transport characteristics of on-Property soil COPCs, in particular arsenic, lead and cadmium, for each COPC grouping.
- Identify potential human and ecological receptors and exposure pathways.
- Develop recommended remediation levels for COPCs in soil.
- Determine the site specific cleanup levels for non-potable surface water once additional information is developed.
- Determine the points of compliance for soil and surface water.
- Identify areas of the Property that, based on the remediation levels and the future Property Land Use Plan, will require further remediation beyond that accomplished in the IAs.
- Identify, based on a consideration of model remedies and the future Property Land Use Plan, potentially viable remedial technologies to be for used material in each COPC grouping.

SECTION 11. REFERENCES

Bortleson, G.C., Chrzastowski, M.J., and Helgerson, A.K., 1980, Historical changes of shoreline and wetland at eleven major deltas in the Puget Sound region, Washington: U.S. Geological Survey Hydrologic Investigations Atlas HA-617, 11 sheets.

Ecology and Environment, Inc. 1991. *Technical Assistance Team Report on Taylor Way Drums*. February 28, 1991.

ESM Consulting Engineers, LLC. 2009a. Superlon Plastics MTCA Interim Action Construction Stormwater Pollution Prevention Plan. December 2009.

ESM Consulting Engineers, LLC. 2009b. Superlon Plastics MTCA Interim Action Stormwater Site Plan. December 2009.

ESM Consulting Engineers, LLC. 2011. Superlon Plastics Conceptual Land Use Plan. March 2011.

GovMe. 2013. <http://www.govme.org/Common/gMap/MGMain.aspx>

Landau and Associates. 2008a. *Phase I Environmental Site Assessment, 2116 Taylor Way, Tacoma, Washington*. February 26, 2008.

Landau and Associates. 2008b. *Soil and Groundwater Investigation, Superlon Pipe Property, 2116 Taylor Way, Tacoma, Washington*. February 29, 2008.

Pacific Environmental and Redevelopment Corporation. 2010. Phase I Remedial Investigation Work Plan, for the Superlon Plastics Site, Tacoma, Washington. February 2010.

Pacific Environmental and Redevelopment Corporation. 2011a. Phase II Remedial Investigation Work Plan, for the Superlon Plastics Site, Tacoma, Washington. May 2011.

Pacific Environmental and Redevelopment Corporation (PERC). 2011b. Phase III Interim Action Work Plan for the Superlon Plastics Site, Tacoma, Washington. December 2011.

Pacific Environmental and Redevelopment Corporation. 2012a. Phase III Remedial Investigation Work Plan, for the Superlon Plastics Site, Tacoma, Washington. July 2012.

Pacific Environmental and Redevelopment Corporation (PERC). 2012b. Phase I Interim Action Report for the Superlon Plastics Site, Tacoma, Washington. January 2012.

Pacific Environmental and Redevelopment Corporation (PERC). 2012c. Sludge Excavation and Disposal Report for the Superlon Plastics Site, Tacoma, Washington. March 2012.

Pacific Environmental and Redevelopment Corporation (PERC) and PIONEER Technologies Corporation (PTC). 2010a. Interim Action Work Plan for the Superlon Plastics Site, Tacoma, Washington. January 12, 2010.

Pacific Environmental and Redevelopment Corporation (PERC) and PIONEER Technologies Corporation (PTC). 2010b. Materials Characterization and Waste Management Plan for the Superlon Plastics Site, Tacoma, Washington. January 2010.

**Remedial Investigation Report
On-Property Soils and Surface Water at the
Superlon Plastics Property,
Tacoma, Washington**



Pacific Environmental and Redevelopment Corporation (PERC) and PIONEER Technologies Corporation (PTC). 2010c. Health and Safety Plan for the Superlon Plastics Site, Tacoma, Washington. May 2010 revision of January 2010 document.

Pacific Environmental and Redevelopment Corporation (PERC) and PIONEER Technologies Corporation (PTC). 2010d. Interim Actions Materials Characterization Results for the Superlon Plastics Site, Tacoma, Washington. September 2010.

Pacific Environmental and Redevelopment Corporation and PIONEER Technologies Corporation. 2010e. Sampling and Analytical Plan & Quality Assurance Project Plan.

The Weather Channel. 2013. <http://www.weather.com/weather/today/Tacoma+WA+USWA0441:1:US>

Washington State Department of Ecology (Ecology). 2013. Electronic mail from Marv Coleman to Tim Bingman Regarding Ecology Approval to Separate On-Property Soils into a Separate Remedial Investigation and Feasibility Study Track. January 13, 2013.

Washington State Department of Ecology (Ecology). 2008. Reichhold / SSA Containers Inc. Cleanup Action Plan. October 2008.

Washington State Department of Ecology (Ecology). 2005. Stormwater Management Manual for Western Washington Volume IV – Source Control BMPs. <http://www.ecy.wa.gov/biblio/0510032.html> (Ecology Publication Numbers 05-10-029 through 05-10-033).

Walters, K.L., and G.E. Kimmel. 1968. Ground-Water Occurrence and Stratigraphy of Unconsolidated Deposits, Central Pierce County, Washington. Washington State Department of Water Resources/USGS Water Supply Bulletin No. 22.

This page has been left blank intentionally to allow for
double-sided printing.

Tables

This page has been left blank intentionally to allow for double-sided printing.

Table 7-2: Arsenic Concentrations in Soil

Sample Depth (ft bgs)	Building A						Former Building B			
	SUP_SL_7	SUP_SL_8	SUP_SL_20	SUP_SL_21	SUP_SL_22	SUP_SL_23	SUP_SL_10	SUP_SL_11	SUP_SL_12	SUP_SL_13
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	--
2 - 4	--	--	--	--	--	--	--	--	--	--
4 - 6	--	--	--	--	--	--	--	--	--	--
6 - 8	680	1,400	30	610	830	1,900	--	--	--	579
	1,200	2,450	1,100	3,100	240	1,900	--	--	--	--
8 - 10	512 J	182	59	77	44	491	22	342	380	812
10 - 12	17 J	39	25	12 J	26	107	5.3	388	300	647
12 - 14	12 J	18	3.1	4.0	2.5	15	2.8	76	115	203
14 - 16	--	--	--	--	--	--	21	81	34	87

Sample Depth (ft bgs)	Former Building B							Building D		
	SUP_SL_16	SUP_SL_17	SUP_SL_18	SUP_SL_19	SUP_SL_24	SUP_SL_25	SUP_SL_26	SUP_SL_27	SUP_SL_54	SUP_SL_55
0 - 1	--	--	--	--	--	--	--	--	9.0 U	--
1 - 2	--	--	--	--	--	--	--	--	1.7 J	--
2 - 4	--	--	--	--	--	--	--	--	3.2	--
4 - 6	565	--	--	--	--	--	--	--	88	--
	383	--	--	--	69	--	--	38	88	--
6 - 8	39	--	--	664	161	--	--	26	128	--
8 - 10	38	--	--	390	379	--	--	14	13	131
10 - 12	124	549	--	5.3 J	803	430	--	159	5.6 J	10.0 J
12 - 14	34 J	27	224	9.3 J	38	203	375	31	3.3 J	55
14 - 16	48	71	137	45	13	124	323	12	9.7 U	2.9

Notes:

Arsenic (As) (mg/kg) =

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	As <= 20	20 < As <= 123	123 < As <= 1,230	As > 1,230
--------------------------------	---------------------	--------------------	------------	----------	----------------	-------------------	------------

--: Not sampled

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration; Y = Non-detect-Reporting limit elevated due to interference

Table 7-2: Arsenic Concentrations in Soil

Sample Depth (ft bgs)	Building D									
	SUP_SL_60	SUP_SL_61	SUP_SL_62	SUP_SL_63	SUP_SL_64	SUP_SL_65	SUP_SL_66	SUP_SL_67	SUP_SL_68	SUP_SL_2
0 - 1	--	480 J	--	--	--	--	--	51 U	--	--
1 - 2	--	37 J	--	--	--	--	--	20 J	--	--
2 - 4	44 J 30 J	34 J	--	--	--	--	--	1.3 J	--	46
4 - 6	161 J	457 J	--	421 B	--	163 295	--	19	68	380
6 - 8	50 J	602 J	263 B	178 B	--	396	65	14	12	280
8 - 10	6.7 J	838 J	73 B	13 B	8.7	15	11	66	157	920
10 - 12	293 J	171 J	6.4 B	255 B	--	--	--	--	--	110
12 - 14	--	--	--	--	--	--	--	--	--	2.8
14 - 16	--	--	--	--	--	--	--	--	--	1.5 J

Sample Depth (ft bgs)	Occidental Sludge Area							Remaining Areas		
	SUP_SL_3	SUP_SL_4	SUP_SL_14	SUP_SL_15	SUP_SL_45	SUP_SL_47	SUP_SL_48	SUP_SL_1	SUP_SL_5	SUP_SL_6
0 - 1	--	--	--	--	--	--	--	2.7	--	--
1 - 2	--	--	--	--	--	--	--	3.1	710	780
2 - 4	--	480	--	--	--	--	--	69	820	1,400
4 - 6	--	100	--	--	21	16 B	109	86	1,200	1,600
6 - 8	120	3,700	--	890	68	186 B	81	86	830	80
8 - 10	8.9	1,000	--	170	1,010 B	83 B	28	4.4	1,200	0.66 J
10 - 12	640	1,100	490	340	245 B	5.2 B	7.9 J	20	1,600	2,000
12 - 14	440	32	34	2.1 J	8.6 B	2.3 UB	2.3 J	5.3	2.2 J	6
14 - 16	190	29	12	3.6	68 B	7.2	1.8 J	2.3 J	780	900

Notes:

Arsenic (As) (mg/kg) =
 --: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	As <= 20	20 < As <= 123	123 < As <= 1,230	As > 1,230
--------------------------------	---------------------	--------------------	------------	----------	----------------	-------------------	------------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration; Y = Non-detect-Reporting limit elevated due to interference

Table 7-2: Arsenic Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_28	SUP_SL_29	SUP_SL_30	SUP_SL_32	SUP_SL_33	SUP_SL_34	SUP_SL_35	SUP_SL_36	SUP_SL_37	SUP_SL_38
0 - 1	--	--	--	--	--	--	3.6 U	--	--	--
1 - 2	140	--	--	12	3.3	1.6 J	3.4 U	560	64	5.8
2 - 4	330	31	6.5	7.7	24	7.4	3.1 U	37	39	1.7 J
4 - 6	38	8.2	400	7.5	49	4.7 U	92	68	550	1.9 J
6 - 8	33	3,100	--	22	97	4.1 U	180	100	77	11
8 - 10	26	1,500	--	50	28	180	110	110	25	4.0 J
10 - 12	24	560	270	20	16	3.7	660	19	6.5	5.1
12 - 14	6.0	110	120	18	8.8	1.9 J	140	61	1.6 J	5.9
14 - 16	4.3	69	99	4.3	2.8 J	2.3 J	26	6.8	38	7.2

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_39	SUP_SL_40	SUP_SL_41	SUP_SL_42	SUP_SL_43	SUP_SL_44	SUP_SL_46	SUP_SL_49	SUP_SL_50	SUP_SL_51
0 - 1	--	220	--	--	--	--	--	--	--	6.0 J
1 - 2	3.1 U	17	460	230	333	24 J	209 B	22	146	8.9 J
2 - 4	3.0 U	3.4 U	3,500	2,000	23	608	58 B	912	30 J	6.1 J
4 - 6	0.53 J	27	250	320	12	57	607 B	896	--	13 J
6 - 8	3.1 U	140	140	34	31	6,970	23,700 B	838	--	44 J
8 - 10	48	120	4.1	4.9 J	14	1,900	9,020 B	256	342	675
10 - 12	510	13	22	31	4.1 J	1,460	1,390 B	19	37	271
12 - 14	1,300	3.4	2.3 J	4.3	18	555	726 B	84	51	11 J
14 - 16	280	5.6	2.1 J	760	1.3 J	104	170 B	104	50	5.2

Notes:

Arsenic (As) (mg/kg) =
 --: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	As <= 20	20 < As <= 123	123 < As <= 1,230	As > 1,230
--------------------------------	---------------------	--------------------	------------	----------	----------------	-------------------	------------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration; Y = Non-detect-Reporting limit elevated due to interference

Table 7-2: Arsenic Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas				
	SUP_SL_52	SUP_SL_53	SUP_SL_72	SUP_SL_73	SUP_SL_74
0 - 1	--	249	--	--	--
1 - 2	2.6	2,340	--	--	--
2 - 4	8.4 U	2,570	--	505	1,150
4 - 6	6.3	2,540	22	--	804
6 - 8	2.9	27	2,810	73	523
8 - 10	288	319	8,170	660	4,440
10 - 12	16,000	54	2,000	626	4.2 J
12 - 14	257	71	2,030	300	280
14 - 16	431	10	980	135	3.7 J

Notes:

Arsenic (As) (mg/kg) =
 --: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	As <= 20	20 < As <= 123	123 < As <= 1,230	As > 1,230
--------------------------------	---------------------	--------------------	------------	----------	----------------	-------------------	------------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated;
 U = Non-detect at reported concentration; Y = Non-detect-Reporting limit elevated due to interference

Table 7-3: Lead Concentrations in Soil

Sample Depth (ft bgs)	Building A						Former Building B			
	SUP_SL_7	SUP_SL_8	SUP_SL_20	SUP_SL_21	SUP_SL_22	SUP_SL_23	SUP_SL_10	SUP_SL_11	SUP_SL_12	SUP_SL_13
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	--
2 - 4	--	--	--	--	--	--	--	--		
4 - 6	--	--	--	--	--	--	--			
6 - 8	1,100	87	7.3	200	820	110				21
	2,600	6,155	400	24	21	54				
8 - 10	25	108	6.2	24	24	45	48	65	59	70
10 - 12	3.6	24	7.1	6.3	11	11	1.6	24	11	75
12 - 14	2.9	22	2.6	3.7	2.6	2.5	1.7	1.9	2.4	1.9
14 - 16	--	--	--	--	--	--	52	95	9.1	8.6

Sample Depth (ft bgs)	Former Building B							Building D		
	SUP_SL_16	SUP_SL_17	SUP_SL_18	SUP_SL_19	SUP_SL_24	SUP_SL_25	SUP_SL_26	SUP_SL_27	SUP_SL_54	SUP_SL_55
0 - 1	--	--	--	--	--	--	--	--	11 J	
1 - 2	--	--	--	--	--	--	--	--	14 J	
2 - 4				--		--	--		23 J	
4 - 6	2,160	--		--					793 J	
	662				27			302		
6 - 8	206	--		130	86			261	115 J	
8 - 10	666			11	47			72	23 J	107
10 - 12	45	2,960 B		1.4	547	5.3		31	4.3 B	4.0
12 - 14	1.7 J	42 B	2.7	1.3	2.8	2.2	773 B	107	12 B	47
14 - 16	272	9.4 B	69	1.5	10.0	64	188 B	3.3	2.9 B	2.9

Notes:

Lead (Pb) (mg/kg) =

Depth-Adjusted Overburden Soil	Fill	No Longer in Place	Non-detect	Pb <= 17	17 < Pb <= 100	100 < Pb <= 1,000	1,000 < Pb < 10,000	Pb > 10,000
--------------------------------	------	--------------------	------------	----------	----------------	-------------------	---------------------	-------------

--: Not sampled

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-3: Lead Concentrations in Soil

Sample Depth (ft bgs)	Building D									
	SUP_SL_60	SUP_SL_61	SUP_SL_62	SUP_SL_63	SUP_SL_64	SUP_SL_65	SUP_SL_66	SUP_SL_67	SUP_SL_68	SUP_SL_2
0 - 1	--	1,640 B	--	--	--	--	--	30	--	--
1 - 2	--	2,140 B	--	--	--	--	--	48	--	--
2 - 4	2,300 B 1,860 B	1,510 B	--	--	--	--	--	14 J	--	27
4 - 6	3,320 B	1,090 B	--	--	--	1,310 2,440	--	686	1,400	280
6 - 8	7.2 UB	1,460 B	168 B	100 B	--	247	68	65	138	63
8 - 10	5.7 UB	190 B	19 B	3.9 B	6.1	11	6.7	67	11	190
10 - 12	85 B	578 B	5.8 B	258 B	--	--	--	--	--	30
12 - 14	--	--	--	--	--	--	--	--	--	2.3
14 - 16	--	--	--	--	--	--	--	--	--	1.8

Sample Depth (ft bgs)	Occidental Sludge Area							Remaining Areas		
	SUP_SL_3	SUP_SL_4	SUP_SL_14	SUP_SL_15	SUP_SL_45	SUP_SL_47	SUP_SL_48	SUP_SL_1	SUP_SL_5	SUP_SL_6
0 - 1	--	--	--	--	--	--	--	3.2 B	--	--
1 - 2	--	--	--	--	--	--	--	4.1 B	1,200 B	1,400 B
2 - 4	--	550 B	--	--	--	--	--	87 B	1,300 B	2,100 B
4 - 6	--	140 B	--	--	23 B	15	74 B	75 B	2,000 B	2,900 B
6 - 8	120 B	3,500 B	--	48 B	38 B	219	47 B	58 B	1,500 B	150 B
8 - 10	24 B	1,300 B	--	12 B	49	5.1	9.3 B	5.7 B	1,900 B	4.4 B
10 - 12	6.6 B	1,800 B	81	1,300 B	6.5	3.9	6.0 B	4.9 B	2,900 B	4,000 B
12 - 14	5.9 B	6.4 B	1.8	3.7 B	2.8	3.1	3.2 B	4.3 B	4.2 B	14 B
14 - 16	3.3 B	29 B	1.9	4.7 B	1.5	4.2	2.0 B	3.7 B	1,400 B	1,900 B

Notes:

Lead (Pb) (mg/kg) =

--: Not sampled

Depth-Adjusted Overburden Soil	Fill	No Longer in Place	Non-detect	Pb <= 17	17 < Pb <= 100	100 < Pb <= 1,000	1,000 < Pb < 10,000	Pb > 10,000
--------------------------------	------	--------------------	------------	----------	----------------	-------------------	---------------------	-------------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated;

U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-3: Lead Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_28	SUP_SL_29	SUP_SL_30	SUP_SL_32	SUP_SL_33	SUP_SL_34	SUP_SL_35	SUP_SL_36	SUP_SL_37	SUP_SL_38
0 - 1	--	--	--	--	--	--	46	--	--	--
1 - 2	200	--	--	46	6.2	24	42	690	410	28
2 - 4	950	26	6.2	20	36	23	46	1,100	1,500	25
4 - 6	960	70	240	7.2	110	2.1 J	15	1,000	360	18
6 - 8	1,200	1,600	--	6.5	110	6.1	7.4	61	11	29
8 - 10	11	1,600	--	220	29	28	23	200	9.0	7.6
10 - 12	410	340	280	6.6	11	3.7	9.3	37	6.4	18
12 - 14	44	14	17	20	5.1	1.6	3.7	240	2.9	4.9
14 - 16	24	37	1.4 J	4.5	1.9	1.3 J	1.3 J	21	36	8.2

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_39	SUP_SL_40	SUP_SL_41	SUP_SL_42	SUP_SL_43	SUP_SL_44	SUP_SL_46	SUP_SL_49	SUP_SL_50	SUP_SL_51
0 - 1	--	250	--	--	--	--	--	--	--	3.4
1 - 2	12	36	330	920	377 B	11 B	61	15 B	1,630	74
2 - 4	17	22	1,900	3,200	39 B	626 B	37	1,380 B	2,390	14
4 - 6	16	44	240	460	14 B	79 B	1,900	1,770 B	--	43
6 - 8	26	41	280	7.9	70 B	14,800 B	28,400	270	--	39
8 - 10	55	33	5.2	6.1	12 B	6.3 B	1,645	21 J	86 J	13 J
10 - 12	70	4.4	35	16	4.2 B	7.9 B	168	4.0 J	10 J	6.7
12 - 14	10	1.2 J	3.5	3.2	20 B	4.8 B	44	6.3	52	2.7
14 - 16	2.1	0.27 J	2.6	704	2.0 B	1.0 B	7.7	6.0	2.5	2.1

Notes:

Lead (Pb) (mg/kg) =

Depth-Adjusted Overburden Soil	Fill	No Longer in Place	Non-detect	Pb <= 17	17 < Pb <= 100	100 < Pb <= 1,000	1,000 < Pb < 10,000	Pb > 10,000
--------------------------------	------	--------------------	------------	----------	----------------	-------------------	---------------------	-------------

--: Not sampled

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated;

U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-3: Lead Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas				
	SUP_SL_52	SUP_SL_53	SUP_SL_72	SUP_SL_73	SUP_SL_74
0 - 1	--	316	--	--	--
1 - 2	24 J	3,220	--	--	--
2 - 4	16 J	3,520	--	215	-- 909
4 - 6	50 J	3,750	33	--	481
6 - 8	27 J	27	1,610	57	65 B
8 - 10	48 J	250	228	192	2,720 B
10 - 12	31,400 J	8.3	143	151	3.3 B
12 - 14	24 J	53	6.0	39	171 B
14 - 16	2.8 J	1.8	3.1	4.0	2.7 B

Notes:

Lead (Pb)
(mg/kg) =

--: Not sampled

Depth-Adjusted Overburden Soil	Fill	No Longer in Place	Non-detect	Pb <= 17	17 < Pb <= 100	100 < Pb <= 1,000	1,000 < Pb < 10,000	Pb > 10,000
--------------------------------	------	--------------------	------------	----------	----------------	-------------------	---------------------	-------------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated;
U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-4: Cadmium Concentrations in Soil

Sample Depth (ft bgs)	Building A						Former Building B			
	SUP_SL_7	SUP_SL_8	SUP_SL_20	SUP_SL_21	SUP_SL_22	SUP_SL_23	SUP_SL_10	SUP_SL_11	SUP_SL_12	SUP_SL_13
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	--
2 - 4	--	--	--	--	--	--	--	--	--	--
4 - 6	--	--	--	--	--	--	--			
6 - 8	0.51 J	0.29 J	0.94 U	0.71 J	1.3	1.3 J				1.2 J
	1.4	1.8	3.0	0.91 J	0.96 U	0.65 J				
8 - 10	2.4	1.1	0.27 J	0.45 J	0.25 J	2.9	5.4 U	0.47 J	0.56 J	1.8 J
10 - 12	6.0 U	5.6 U	7.1 U	6.7 U	5.9 U	0.63 J	0.99 U	0.74 J	0.35 J	1.4 J
12 - 14	1.2 U	0.078 J	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U	0.025 J	0.17 J	0.30 J
14 - 16	--	--	--	--	--	--	1.2 U	1.1 U	1.0 U	4.0 U

Sample Depth (ft bgs)	Former Building B								Remaining Areas	
	SUP_SL_16	SUP_SL_17	SUP_SL_18	SUP_SL_19	SUP_SL_24	SUP_SL_25	SUP_SL_26	SUP_SL_27	SUP_SL_1	SUP_SL_2
0 - 1	--	--	--	--	--	--	--	--	0.26 J	--
1 - 2	--	--	--	--	--	--	--	--	0.27 J	--
2 - 4	--	--		--	--	--	--	--	0.48 J	--
										0.078 J
4 - 6	1.1 J	--		--					0.39 J	1.6
	0.69 J				1.4 B			5.4 U		
6 - 8	6.8 U	--		18	3.8 B			8.1 U	0.71 J	0.79
8 - 10	5.7 U			10	10 B			6.2 U	0.38 J	0.74 J
10 - 12	6.1 U	8.2 UJ		4.2 U	26 B	12 B		0.35 B	0.15 J	0.15 J
12 - 14	1.2 U	6.3 UJ	6.0	4.7 U	0.70 B	5.7 B	0.98 UJ	4.4 U	0.20 J	0.45 U
14 - 16	4.7 U	5.2 UJ	3.5 J	1.1	4.8 U	3.2 B	1.1 UJ	1.0 U	0.22 J	0.45 U

Notes:

Cadmium (Cd) (mg/kg) =

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer In Place	Non-detect	Cd <= 1.0	1.0 < Cd <= 350	350 < Cd <= 3,500
--------------------------------	---------------------	--------------------	------------	-----------	-----------------	-------------------

--: Not sampled

Cadmium concentrations are in mg/kg.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-4: Cadmium Concentrations in Soil

Sample Depth (ft bgs)	Building D									
	SUP_SL_60	SUP_SL_61	SUP_SL_62	SUP_SL_63	SUP_SL_64	SUP_SL_65	SUP_SL_66	SUP_SL_67	SUP_SL_68	SUP_SL_54
0 - 1	--	2.9 J	--	--	--	--	--	0.82 U	--	4.5 U
1 - 2	--	5.9 J	--	--	--	--	--	0.97 U	--	0.068 J
2 - 4	1.8 J 1.7 J	1.6 J	--	--	--	--	--	0.46 U	--	0.24 J
4 - 6	6.7 J	1.4 J	--	1.8 J	--	2.6 B 1.0 B	--	0.89 U	0.63 J	0.44 J
6 - 8	1.3 U	0.91 J	0.22 J	2.4 U	--	0.37 B	0.98 U	0.91 U	1.1 U	0.59 J
8 - 10	2.9 U	0.99 J	1.2 U	2.1 U	1.1 U	1.2 U	1.3 U	1.1 U	0.077 J	0.13 J
10 - 12	0.51 J	0.26 J	2.5 U	0.22 J	--	--	--	--	--	0.20 J
12 - 14	--	--	--	--	--	--	--	--	--	0.17 J
14 - 16	--	--	--	--	--	--	--	--	--	4.8 U

Sample Depth (ft bgs)	Occidental Sludge Area							Remaining Areas		
	SUP_SL_3	SUP_SL_4	SUP_SL_14	SUP_SL_15	SUP_SL_45	SUP_SL_47	SUP_SL_48	SUP_SL_5	SUP_SL_6	SUP_SL_28
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	1.4	1.5	0.97
2 - 4	--	1.2	--	--	--	--	--	1.4	1.4	8.1
4 - 6	--	0.45	--	--	0.093 UB	1.7 U	5.3 U	2.3	0.57 U	7.8
6 - 8	0.40 J	1.8	--	0.31 J	0.57 B	1.7 B	7.1 U	1.6	0.27 J	11
8 - 10	0.32 J	0.52 J	--	0.95 U	10 B	0.51 B	1.3 U	2.1	0.093 J	0.68 J
10 - 12	0.42 J	0.55 J	0.71	0.48 U	2.1 B	2.8 U	6.8 U	2.8	0.50 U	5.2
12 - 14	0.33 J	0.26 J	0.25 J	0.61 U	1.9 U	1.2 U	5.2 U	0.14 J	0.62 U	0.67
14 - 16	0.17 J	0.18 J	0.25 J	0.17 J	0.39 B	1.1 U	5.0 U	1.3	0.099 J	0.46 J

Notes:

Cadmium (Cd) (mg/kg) =

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer In Place	Non-detect	Cd <= 1.0	1.0 < Cd <= 350	350 < Cd <= 3,500
--------------------------------	---------------------	--------------------	------------	-----------	-----------------	-------------------

--: Not sampled

Cadmium concentrations are in mg/kg.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-4: Cadmium Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_29	SUP_SL_30	SUP_SL_32	SUP_SL_33	SUP_SL_34	SUP_SL_35	SUP_SL_36	SUP_SL_37	SUP_SL_38	SUP_SL_39
0 - 1	--	--	--	--	--	0.60 U	--	--	--	--
1 - 2	--	--	0.39 J	0.50 U	0.59 U	0.57 U	4.0	2.7	0.20 J	0.51 U
2 - 4	0.40 U	0.47 U	0.59 U	0.52 U	0.56 U	0.52 U	10	11	0.18 J	0.51 U
4 - 6	0.11	0.64	0.33 J	0.42 U	0.78 U	0.70 U	8.2	3.2	0.65 U	0.51 U
6 - 8	0.58 U	--	0.52	0.48 U	0.68 U	0.61 U	0.99	0.58	0.13 J	0.52 U
8 - 10	0.70 U	--	0.94	0.64 U	0.60 U	0.75 U	3.5	0.66 J	0.41 J	0.59 U
10 - 12	0.53 U	0.56 J	0.36 J	0.60 U	0.56 U	0.66 U	0.44 J	0.43 J	0.34 J	0.61 U
12 - 14	0.85 U	0.46 J	0.35 J	0.72 U	0.55 U	0.61 U	1.6	0.42	0.50	0.56 U
14 - 16	0.59 U	0.28 J	0.43 J	0.57 U	0.58 U	0.60 U	0.44	0.57	0.39 J	0.50 U

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_40	SUP_SL_41	SUP_SL_42	SUP_SL_43	SUP_SL_44	SUP_SL_46	SUP_SL_49	SUP_SL_50	SUP_SL_51	SUP_SL_52
0 - 1	0.59	--	--	--	--	--	--	--	4.9 U	--
1 - 2	0.43 J	2.5	15	6.3 JB	1.5 U	2.0 B	0.019 J	3.7 J	1.0 U	0.073 J
2 - 4	0.57 U	13	12	0.25 JB	6.4 JB	0.44 B	2.6 J	3.8 J	4.9 U	0.095 J
4 - 6	0.24 J	1.6	0.74 J	1.7 U	0.56 JB	9.9 B	24 UJ	--	0.16 B	0.17 J
6 - 8	0.48 U	0.87	0.48	0.12 JB	75 JB	285 B	9.2	--	0.37 B	0.12 J
8 - 10	0.66	0.36 J	0.55 J	0.040 UJB	18 JB	99 B	1.6 J	1.4 J	7.1 B	1.4
10 - 12	0.90	0.60	0.37 J	0.070 UJB	15 JB	15 B	5.2 U	0.37 J	2.3 B	85
12 - 14	0.30 J	0.40 J	0.35 J	1.5 U	5.3 JB	6.0 B	0.64 J	0.34 J	5.9 U	1.2 J
14 - 16	0.29 J	0.36 J	0.63 J	0.93 U	0.98 JB	1.5 B	0.80 J	0.30 J	1.0 U	1.9 J

Notes:

Cadmium (Cd) (mg/kg) =
 --: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer In Place	Non-detect	Cd <= 1.0	1.0 < Cd <= 350	350 < Cd <= 3,500
--------------------------------	---------------------	--------------------	------------	-----------	-----------------	-------------------

Cadmium concentrations are in mg/kg.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated;
 U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-4: Cadmium Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas			
	SUP_SL_53	SUP_SL_72	SUP_SL_73	SUP_SL_74
0 - 1	3.1 B	--	--	--
1 - 2	46 U	--	--	--
2 - 4	25 B	--	9.3	25
4 - 6	24 B	0.29 J	--	16
6 - 8	6.0 U	583	1.3	8.7
8 - 10	2.8 B	133	11	100
10 - 12	6.9 U	34	11	2.0 U
12 - 14	0.15 B	34	5.0	5.5
14 - 16	1.1 U	14	2.0	2.2 U

Notes:

Cadmium (Cd) (mg/kg) =
 --: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer In Place	Non-detect	Cd <= 1.0	1.0 < Cd <= 350	350 < Cd <= 3,500
--------------------------------	---------------------	--------------------	------------	-----------	-----------------	-------------------

Cadmium concentrations are in mg/kg.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-5: Mercury Concentrations in Soil

Sample Depth (ft bgs)	Former Building B					
	SUP_SL_17	SUP_SL_18	SUP_SL_19	SUP_SL_24	SUP_SL_25	SUP_SL_26
0 - 1	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--
2 - 4	--		--	--		--
4 - 6	--		--	0.058 J		
6 - 8	--		0.11 J	0.090 J		
8 - 10			0.041 J	0.043 J		
10 - 12	0.10 J		0.0025 J	0.17	0.013 J	
12 - 14	0.072 J	0.12 U	0.11 U	0.0076 J	0.12 U	0.20 J
14 - 16	0.012 J	0.019 J	0.0023 J	0.0063 J	0.036 J	0.028 J

Notes:

Mercury (Hg) (mg/kg) =

No Longer in Place	Non-detect	Hg <= 0.010	0.010 < Hg <= 1,100	Hg > 1,100
--------------------	------------	-------------	---------------------	------------

--: Not sampled

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; J = Concentration is estimated; U = Non-detect at reported concentration

This page has been left blank intentionally to allow for
double-sided printing.

Table 7-6: Pentachlorophenol Concentrations in Soil

Sample Depth (ft bgs)	Building A						Former Building B			
	SUP_SL_7	SUP_SL_8	SUP_SL_20	SUP_SL_21	SUP_SL_22	SUP_SL_23	SUP_SL_10	SUP_SL_11	SUP_SL_12	SUP_SL_13
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	--
2 - 4	--	--	--	--	--	--	--	--		
4 - 6	--	--	--	--	--	--	--			
6 - 8	0.56 U	1.6 U	1.4 UJ	0.68 U	0.76 UJ	1.5 UJ				0.53 UJ
	0.24 J	0.75 U	1.3 UJ			1.7 UJ				
8 - 10	0.60 U	0.70 U	0.71 UJ	0.78 U	0.62 UJ	0.75 UJ	0.45 UJ	0.49 UJ	0.48 UJ	0.51 UJ
10 - 12	0.47 U	0.43 U	0.54 UJ	0.49 U	0.50 UJ	0.50 UJ	0.40 UJ	0.43 UJ	0.48 UJ	0.51 UJ
12 - 14	0.44 U	0.43 U	0.43 UJ	0.45 U	0.44 UJ	0.44 UJ	0.40 UJ	0.40 UJ	0.40 UJ	0.40 UJ
14 - 16	--	--	--	--	--	--	0.40 UJ	0.38 UJ	0.40 UJ	0.38 UJ

Sample Depth (ft bgs)	Former Building B								Occidental Sludge Area	
	SUP_SL_16	SUP_SL_17	SUP_SL_18	SUP_SL_19	SUP_SL_24	SUP_SL_25	SUP_SL_26	SUP_SL_27	SUP_SL_2	SUP_SL_3
0 - 1	--	--	--	--	--	--	--	--		
1 - 2	--	--	--	--	--	--	--	--		
2 - 4				--		--	--			
4 - 6	0.46 UJ	--			0.47 UJ			0.46 UJ	0.042 JH	
	0.50 UJ								0.54 JH	
6 - 8	0.49 UJ	--		0.60 UJ	0.59 UJ			0.61 UJ	0.52 UJ	
8 - 10	0.51 UJ			0.51 UJ	0.60 UJ			0.54 UJ	0.58 UJ	0.38 UJ
10 - 12	0.46 UJ	0.58 U		0.40 UJ	0.56 UJ	0.45 U		0.43 UJ	0.50 UJ	0.49 UJ
12 - 14	0.40 UJ	0.51 U	0.41 UJ	0.41 UJ	0.40 UJ	0.39 U	0.44 U	0.40 UJ	0.51 UJ	0.48 UJ
14 - 16	0.38 UJ	0.44 U	0.38 UJ	0.40 UJ	0.37 UJ	0.38 U	0.41 U	0.38 UJ	0.47 UJ	0.45 UJ

Notes:

Pentachlorophenol (P) (mg/kg)=	Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	P <= 33
--------------------------------	--------------------------------	---------------------	--------------------	------------	---------

--: Not sampled

Pentachlorophenol concentrations are in mg/kg.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-6: Pentachlorophenol Concentrations in Soil

Sample Depth (ft bgs)	Occidental Sludge Area						Remaining Areas			
	SUP_SL_4	SUP_SL_14	SUP_SL_15	SUP_SL_45	SUP_SL_47	SUP_SL_48	SUP_SL_1	SUP_SL_28	SUP_SL_29	SUP_SL_30
0 - 1	--	---	---	---	---	---	--	--	--	--
1 - 2	--	---	---	---	---	---	0.71	--	--	--
2 - 4	0.23 U	---	---	---	---	---	0.23 U	--	11 U	0.21 U
4 - 6	0.24 U	---	---	0.36 U	0.36 U	0.39 U	0.87 U	18 U	12 U	0.26 U
6 - 8	0.28 U	---	0.40 U	0.41 U	0.39 U	0.46 U	0.37 U	0.62 U	0.58 U	--
8 - 10	0.35 U	---	0.61 U	0.51 U	0.52 U	0.57 U	0.38 U	0.66 U	0.47 U	--
10 - 12	0.24 U	0.36 UJ	0.50 U	0.50 U	0.46 U	0.58 U	0.60 UJ	0.48 U	0.53 U	0.29 U
12 - 14	0.25 U	0.51 U	0.43 U	0.47 U	0.44 U	0.42 U	0.72 UJ	0.45 U	0.45 U	0.26 U
14 - 16	0.29 U	0.44 U	0.41 U	0.43 U	0.44 U	0.43 U	0.42 UJ	0.46 U	0.43 U	0.25 U

Sample Depth (ft bgs)	Remaining Areas				
	SUP_SL_43	SUP_SL_44	SUP_SL_46	SUP_SL_49	SUP_SL_50
0 - 1	--	--	--	--	--
1 - 2	0.35 U	0.35 U	0.38 U	0.35 U	2.0 U
2 - 4	0.41 U	0.38 U	0.39 U	2.3 U	2.2 U
4 - 6	0.39 U	0.41 U	2.3 U	2.3 U	--
6 - 8	0.30 J	0.45 U	0.46 U	0.61 U	--
8 - 10	0.57 U	0.48 U	0.50 U	0.52 U	0.51 U
10 - 12	0.53 U	0.50 U	0.53 U	0.48 U	0.48 U
12 - 14	0.59 U	0.44 U	0.47 U	0.45 U	0.43 U
14 - 16	0.41 U	0.39 U	0.40 U	0.43 U	0.43 U

Notes:

Pentachlorophenol (P) (mg/kg)=	Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	P <= 33
--------------------------------	--------------------------------	---------------------	--------------------	------------	---------

--: Not sampled

Pentachlorophenol concentrations are in mg/kg.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-7: TPH-G Concentrations in Soil

Sample Depth (ft bgs)	Former Building B		Building D							
	SUP_SL_26	SUP_SL_27	SUP_SL_54	SUP_SL_55	SUP_SL_60	SUP_SL_61	SUP_SL_62	SUP_SL_63	SUP_SL_64	SUP_SL_65
0 - 1	--	--	2.5 UB	--	--	23 J	--	--	--	--
1 - 2	--	--	0.80 UB	--	--	24 J	--	--	--	--
2 - 4	--	--	1.7 UB	--	14 J 27 J	36 J	--	--	--	--
4 - 6	--	0.46 UB	1.5 UB	--	59 J	68 J	--	29 J	--	4.1 J 162 J
6 - 8	--	0.57 UB	1.1 UB	--	13 UJ	6.3 J	7.0 UJ	10 UJ	--	10 UJ
8 - 10	--	0.38 UB	1.0 UB	2.8 UJB	12 UJ	9.1 UJ	12 UJ	8.3 UJ	13 UJ	11 UJ
10 - 12	--	0.52 UB	1.2 UB	2.1 UJB	7.9 UJ	4.6 J	13 UJ	7.4 UJ	--	--
12 - 14	1.4 UB	0.63 UB	0.90 UB	0.95 UJB	--	--	--	--	--	--
14 - 16	0.87 UB	0.63 UB	0.72 UB	0.73 UJB	--	--	--	--	--	--

Sample Depth (ft bgs)	Building D			Remaining Areas						
	SUP_SL_66	SUP_SL_67	SUP_SL_68	SUP_SL_30	SUP_SL_32	SUP_SL_33	SUP_SL_34	SUP_SL_35	SUP_SL_36	SUP_SL_37
0 - 1	--	6.9 UJ	--	--	--	--	--	4.1 J	--	--
1 - 2	--	7.3 UJ	--	--	4.3 U	4.8 U	4.9 U	7.0 J	--	--
2 - 4	--	6.2 UJ	--	3.8 U	4.8 U	5.0 U	6.5	8.8	--	--
4 - 6	--	8.1 UJ	26 J	6.8 J	1.7 J	5.4 U	3.8 J	6.1 J	87	31
6 - 8	12 UJ	7.3 UJ	7.3 UJ	--	3.7 U	--	18	2.1 J	5.5 J	--
8 - 10	12 UJ	9.7 UJ	11 UJ	--	7.7 U	3.5 J	1,700	1.4 J	--	--
10 - 12	--	--	--	1.7 J	3.8 U	2.4 J	36	6.5 U	--	--
12 - 14	--	--	--	4.9 U	4.4 U	10.0	1.7 J	5.2 U	--	--
14 - 16	--	--	--	6.2 U	5.9 U	4.6 U	4.2 U	3.3 U	--	--

Notes:

Gasoline (G) (mg/kg) =

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	G <= 10	10 < G <= 100	100 < G <= 1,000	G > 1,000
--------------------------------	---------------------	--------------------	------------	---------	---------------	------------------	-----------

--: Not sampled

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration; Y = Non-detect-Reporting limit elevated due to interference

Table 7-7: TPH-G Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas						
	SUP_SL_39	SUP_SL_40	SUP_SL_41	SUP_SL_42	SUP_SL_51	SUP_SL_52	SUP_SL_53
0 - 1	--	--	--	--	0.62 UB	--	89 JB
1 - 2	4.4 U	2.0 J	5.9 U	--	11 B	0.97 UB	433 JB
2 - 4	4.5 U	7.4	7.2 U	260	0.99 UB	0.90 UB	2.0 UJB
4 - 6	4.9 U	2.4 J	1.5 J	12 J	4.3 B	7.2 B	1.1 UJB
6 - 8	1.5 J	4.6 U	8.2 U	8.3 U	2.2 UB	1.8 UB	3.3 UJB
8 - 10	3.8 J	6.1 U	7.7 U	--	1.8 UB	6.1 B	2.4 UJB
10 - 12	4.8 U	5.7 U	7.7 U	--	2.9 UB	1.7 UB	1.9 UJB
12 - 14	3.8 U	5.0 U	5.8 U	--	1.5 UB	1.0 UB	0.93 UJB
14 - 16	3.5 U	4.0 U	5.0 U	--	0.83 UB	0.73 UB	0.69 UJB

Notes:

Gasoline (G)
(mg/kg) =
--: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	G <= 10	10 < G <= 100	100 < G <= 1,000	G > 1,000
-----------------------------------	---------------------	-----------------------	------------	---------	---------------	------------------	-----------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated;
U = Non-detect at reported concentration; Y = Non-detect-Reporting limit elevated due to interference

Table 7-8: TPH-D Concentrations in Soil

Sample Depth (ft bgs)	Former Building B		Building D							
	SUP_SL_26	SUP_SL_27	SUP_SL_54	SUP_SL_55	SUP_SL_60	SUP_SL_61	SUP_SL_62	SUP_SL_63	SUP_SL_64	SUP_SL_65
0 - 1	--	--	26	--	--	2,790	--	--	--	--
1 - 2	--	--	22 U	--	--	2,280	--	--	--	--
2 - 4	--		171	--	1,590	1,800	--	--	--	--
					2,790					
4 - 6	--	27 U	66	--	3,200	254	--	3,490	--	3,900
										7,830
6 - 8	--	37 U	13 J	--	26 U	17 J	21 U	24 U	--	24 U
8 - 10		31 U	23 U	25 UJ	26 U	24 U	26 U	23 U	25 U	26 U
10 - 12		26 U	24 U	29 UJ	20 U	28	27 U	22 U	--	--
12 - 14	21 U	23 U	22 U	21 UJ	--	--		--	--	--
14 - 16	19 U	22 U	21 U	20 UJ	--	--		--	--	--

Sample Depth (ft bgs)	Building D			Remaining Areas						
	SUP_SL_66	SUP_SL_67	SUP_SL_68	SUP_SL_30	SUP_SL_32	SUP_SL_33	SUP_SL_34	SUP_SL_35	SUP_SL_38	SUP_SL_39
0 - 1	--	29	--	--	--	--	--	100 UY	--	--
1 - 2	--	19 J	--	--	150 UY	36 J	290 UY	44 UY	97 UY	22 J
2 - 4	--	102	--	25 U	31 U	15 J	600 UY	84 UY	150 UY	74 UY
4 - 6	--	22 U	6,260	42 UY	32 UY	110 UY	18 J	260 UY	550	33
6 - 8	24 U	21 U	21 U	--	45 UY	130	43 U	62 UY	16 J	140 UY
8 - 10	25 U	20 J	24 U	--	47 UY	9.4 J	2,100 UY	8.9 J	8.2 J	220 UY
10 - 12	--	--	--	9.0 J	12 J	13 J	16 J	11 J	130 UY	11 J
12 - 14	--	--	--	33 U	8.4 J	43 U	59 U	9.8 J	14 J	18 J
14 - 16	--	--	--	31 U	34 U	7.0 J	7.7 J	64 U	19 J	12 J

Notes:

Diesel (D)
(mg/kg) =

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	D ≤ 200	200 < D ≤ 2,000	D > 2,000
--------------------------------	---------------------	--------------------	------------	---------	-----------------	-----------

--: Not sampled

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration; Y = Non-detect-Reporting limit elevated due to interference; ^ = Instrument-related QC exceeded control limits

Table 7-8: TPH-D Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas					
	SUP_SL_40	SUP_SL_41	SUP_SL_42	SUP_SL_51	SUP_SL_52	SUP_SL_53
0 - 1	80 UY	--	--	17 U	--	1,300
1 - 2	30 UY	130 UY	--	301	17 J	8,440
2 - 4	33 UY	35 UY	6,800 BUY	121	49	8.0 J
4 - 6	160 UY	58 UY	8,900 BUY	175	29	16 U
6 - 8	35 UY	20 J	16 JB	233	155	186
8 - 10	37 U	10 J	--	24 U	136	22 U
10 - 12	35 U	10 J	--	25 U	28	24 U
12 - 14	31 U	7.3 J	--	22 U	10 J	21 U
14 - 16	28 U	--	--	20 U	21 U	19 UJ

Notes:

Diesel (D)
(mg/kg) =

--: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	D <= 200	200 < D <= 2,000	D > 2,000
--------------------------------	---------------------	--------------------	------------	----------	------------------	-----------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration; Y = Non-detect-Reporting limit elevated due to interference; ^ = Instrument-related QC exceeded control limits

Table 7-9: TPH-HO Concentrations in Soil

Sample Depth (ft bgs)	Former Building B		Building D							
	SUP_SL_26	SUP_SL_27	SUP_SL_54	SUP_SL_55	SUP_SL_60	SUP_SL_61	SUP_SL_62	SUP_SL_63	SUP_SL_64	SUP_SL_65
0 - 1	--	--	198	--	--	5,370	--	--	--	--
1 - 2	--	--	90 U	--	--	5,530	--	--	--	--
2 - 4	--	--	399	--	5,980	4,990	--	--	--	--
					6,700					
4 - 6	--	107 U	664	--	7,630	846	--	--	--	6,440
					13,200			11,400		
6 - 8	--	146 U	92 U	--	103 U	92 U	82 U	96 U	--	96 U
8 - 10	---	122 U	93 U	98 UJ	105 U	95 U	102 U	93 U	101 U	102 U
10 - 12	---	103 U	95 U	116 UJ	82 U	75 J	109 U	86 U	--	--
12 - 14	84 U	92 U	89 U	83 UJ	--	--	--	--	--	--
14 - 16	77 U	89 U	83 U	80 UJ	--	--	--	--	--	--

Sample Depth (ft bgs)	Building D			Remaining Areas		
	SUP_SL_66	SUP_SL_67	SUP_SL_68	SUP_SL_51	SUP_SL_52	SUP_SL_53
0 - 1	--	229	---	52 J	--	2,320
1 - 2	--	135	---	3,530	69 J	10,500
2 - 4	--	282 J	---	125	39 J	64 U
4 - 6	--	86 U	--	857	186	65 U
			9,330			
6 - 8	97 U	82 U	83 U	118	1,250	185
8 - 10	102 U	100 U	98 U	95 U	99	79 J
10 - 12	--	--	--	98 U	134	94 U
12 - 14	--	--	--	88 U	81 U	83 U
14 - 16	--	--	--	80 U	83 U	76 UJ

Notes:

Heavy Oil (HO) (mg/kg) =

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	HO <= 200	200 < HO <= 2,000	HO > 2,000
--------------------------------	---------------------	--------------------	------------	-----------	-------------------	------------

--: Not sampled

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration; Y = Non-detect-Reporting limit elevated due to interference

This page has been left blank intentionally to allow for
double-sided printing.

Table 7-10: Benzene Concentrations in Soil

Sample Depth (ft bgs)	Building A						Former Building B			
	SUP_SL_7	SUP_SL_8	SUP_SL_20	SUP_SL_21	SUP_SL_22	SUP_SL_23	SUP_SL_10	SUP_SL_11	SUP_SL_12	SUP_SL_13
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	--
2 - 4	--	--	--	--	--	--	--	--	--	--
4 - 6	--	--	--	--	--	--	--			
6 - 8	0.0088 J	0.077 U	0.025 J	0.052 U	0.055 U	0.060 J				0.00042 UB
	0.0084 J	0.076 U	0.058 U	0.14 U	0.059 U	0.073 U				
8 - 10	0.00046 J	0.0030 J	0.00065 J	0.00058 J	0.0011 J	0.0019 J	0.00042 UB	0.0044 U	0.00049 UB	0.00052 UB
10 - 12	0.0042 U	0.00031 J	0.0048 U	0.00033 J	0.00075 J	0.00038 J	0.0032 U	0.0035 U	0.00044 UB	0.00035 UB
12 - 14	0.0034 U	0.00027 J	0.00030 J	0.00025 J	0.00050 J	0.00023 J	0.0038 U	0.0034 U	0.00040 UB	0.00033 UB
14 - 16	--	--	--	--	--	--	0.0035 U	0.0032 U	0.00040 UB	0.00029 UB

Sample Depth (ft bgs)	Former Building B							Building D		
	SUP_SL_16	SUP_SL_17	SUP_SL_18	SUP_SL_19	SUP_SL_24	SUP_SL_25	SUP_SL_26	SUP_SL_27	SUP_SL_54	SUP_SL_55
0 - 1	--	--	--	--	--	--	--	--	0.00039 UB	--
1 - 2	--	--	--	--	--	--	--	--	0.0013 B	--
2 - 4	--	--		--	--		--	--	0.0017 B	--
4 - 6	0.00050 UB	--		--					0.00061 UB	--
	0.00052 UB				0.0038 U			0.00019 J		--
6 - 8	0.00045 UB	--		0.00093 UB	0.00065 UB			0.00035 J	0.00043 UB	--
8 - 10	0.00040 UB			0.0047 U	0.00068 UB			0.0027 U	0.00033 UB	0.00087 B
10 - 12	0.00028 UB	0.00042 J		0.00053 UB	0.001 UB	0.0036 U		0.0018 U	0.00036 UB	0.00094 UB
12 - 14	0.00028 UB	0.00057 J	0.0035 U	0.00036 UB	0.00031 UB	0.0034 U	0.0014 B	0.0037 U	0.00029 UB	0.00072 UB
14 - 16	0.00027 UB	0.00031 UB	0.00045 UB	0.0034 U	0.0033 U	0.0033 U	0.00047 J	0.0032 U	0.00023 UB	0.00049 UB

Notes:

Benzene (Bz) (mg/kg) =

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	Bz <= 2,400	Bz > 2,400
--------------------------------	---------------------	--------------------	------------	-------------	------------

--: Not sampled

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration

Table 7-10: Benzene Concentrations in Soil

Sample Depth (ft bgs)	Occidental Sludge Area								Remaining Areas	
	SUP_SL_2	SUP_SL_3	SUP_SL_4	SUP_SL_14	SUP_SL_15	SUP_SL_45	SUP_SL_47	SUP_SL_48	SUP_SL_1	SUP_SL_5
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	0.015 U
2 - 4	--	--	0.020 U	--	--	--	--	--	0.040 U	0.016 U
4 - 6	0.047 HU	--	0.020 U	--	--	0.00024 UB	0.00050 UB	0.0032 U	0.044 JB	0.012 U
6 - 8	--	0.0098 JB	0.042 J	--	0.013 U	0.0030 U	0.00058 J	0.00031 UB	--	0.015 U
8 - 10	0.047 JH	0.018 JB	0.042 U	--	0.045 U	0.020 B	0.011 B	0.014 B	0.013 JB	0.014 U
10 - 12	0.0094 JH	0.044	0.044 U	0.014 U	0.011 J	0.020 B	0.0079 B	0.0091 B	0.041 U	0.024 U
12 - 14	0.016 JH	0.045	0.0054 J	0.0051 J	0.024 U	0.0070 B	0.0040	0.0035 B	0.051 U	0.025 U
14 - 16	0.021 HU	0.047	0.020 U	0.0036 J	0.020 U	0.018 B	0.0017 J	0.00060 UB	0.0036 JB	0.018 U

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_6	SUP_SL_28	SUP_SL_29	SUP_SL_30	SUP_SL_32	SUP_SL_33	SUP_SL_34	SUP_SL_35	SUP_SL_36	SUP_SL_37
0 - 1	--	--	--	--	--	--	--	0.028 JB	--	--
1 - 2	0.017 U	0.071 U	--	--	0.017 U	0.019 U	0.020 U	0.029 JB	0.014 J	--
2 - 4	0.018 U	0.052	0.013 U	0.015 U	0.019 U	0.020 U	0.021 U	0.031 U	0.065	0.058
4 - 6	0.021 U	0.031	0.016 J	0.038 U	0.020 U	0.022 U	0.028 U	0.028 JB	0.014 J	0.016 J
6 - 8	0.024 U	0.038	0.023 U	--	0.015 U	--	0.028 U	0.026 JB	0.038 U	0.030 U
8 - 10	0.028 U	0.036 U	0.013 J	--	0.031 U	0.030 U	0.37 U	0.025 JB	0.048	0.033 U
10 - 12	0.013 U	0.031 U	0.018 U	0.023 U	0.015 U	0.023 U	0.023 JB	0.026 JB	0.021 U	--
12 - 14	0.016 U	0.029 U	0.028 U	0.020 U	0.017 U	0.033 U	0.016 JB	0.021 JB	0.011 J	--
14 - 16	0.017 U	0.017 U	0.015 U	0.025 U	0.024 U	0.019 U	0.017 JB	0.013 JB	0.021 U	--

Notes:

Benzene (Bz) (mg/kg) =

--: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	Bz <= 2,400	Bz > 2,400
--------------------------------	---------------------	--------------------	------------	-------------	------------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration

Table 7-10: Benzene Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_39	SUP_SL_40	SUP_SL_42	SUP_SL_43	SUP_SL_44	SUP_SL_46	SUP_SL_49	SUP_SL_50	SUP_SL_51	SUP_SL_52
0 - 1	--	--	--	--	--	--	--	--	0.0027 U	--
1 - 2	0.018 JB	0.021	--	0.00023 J	0.00037 UB	0.00027 UB	0.00045 UB	0.0030 U	0.0013 B	0.0040 UJ
2 - 4	0.018 U	0.76	0.062	0.00033 J	0.00020 UB	0.00019 UB	0.0086 B	0.0021 B	0.0050 B	0.0015 B
4 - 6	0.020 U	0.056	0.053 U	0.00018 J	0.00072 UB	0.0043 B	0.0033 B	--	0.013 JB	0.0026 B
6 - 8	0.018 JB	0.021	0.033 U	0.00019 J	0.0014 B	0.0024 B	0.0060 J	--	0.0023 B	0.0020 B
8 - 10	0.017 JB	0.024 U	--	0.0039 U	0.00027 UB	0.0033 B	0.0044 U	0.00042 J	0.0029 JB	0.0014 B
10 - 12	0.019 JB	0.023 U	--	0.0047 U	0.00049 UB	0.0011 B	0.00039 J	0.0042 U	0.0048 B	0.0034 B
12 - 14	0.015 U	0.020 U	--	0.00039 UB	0.00026 UB	0.00054 UB	0.0036 U	0.00025 UB	0.0019 B	0.0012 B
14 - 16	0.014 U	0.016 U	--	0.00028 UB	0.00024 UB	0.00042 UB	0.0034 U	0.00018 UB	0.00037 UB	0.00034 UB

Sample Depth (ft bgs)	Remaining Areas			
	SUP_SL_53	SUP_SL_72	SUP_SL_73	SUP_SL_74
0 - 1	0.0062 B	--	--	--
1 - 2	0.0030 B	--	--	--
2 - 4	0.00054 UB	--	0.0045 U	0.0054 U
4 - 6	0.00054 UB	0.0027 U	--	0.0042 J
6 - 8	0.0013 UB	0.0033 J	0.050 J	0.0036 U
8 - 10	0.0012 UB	0.0047 U	0.042 J	0.016
10 - 12	0.0012 UB	0.0042 U	0.090	0.0037 U
12 - 14	0.00030 UB	0.0038 U	0.055	0.0040 U
14 - 16	0.00056 UB	0.0038 U	0.033 J	0.0035 U

Notes:

Benzene (Bz) (mg/kg) =

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	Bz <= 2,400	Bz > 2,400
--------------------------------	---------------------	--------------------	------------	-------------	------------

--: Not sampled

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration

This page has been left blank intentionally to allow for
double-sided printing.

Table 7-11: Vinyl Chloride Concentrations in Soil

Sample Depth (ft bgs)	Building A						Former Building B			
	SUP_SL_7	SUP_SL_8	SUP_SL_20	SUP_SL_21	SUP_SL_22	SUP_SL_23	SUP_SL_10	SUP_SL_11	SUP_SL_12	SUP_SL_13
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	--
2 - 4	--	--	--	--	--	--	--	--		
4 - 6	--	--	--	--	--	--	--			
6 - 8	0.012 U	0.039 U	0.029 U	0.026 U	0.027 U	0.064 U				0.0043 U
	0.0096 U	0.038 U	0.029 U	0.071 U	0.029 U	0.037 U				
8 - 10	0.0063 U	0.0074 U	0.0077 U	0.0084 U	0.0064 U	0.0082 U	0.0034 U	0.0044 U	0.0040 U	0.0056 U
10 - 12	0.0042 U	0.0034 U	0.0048 U	0.0042 U	0.0045 U	0.0051 U	0.0032 U	0.0035 U	0.0037 U	0.0043 U
12 - 14	0.0034 U	0.0031 U	0.0032 U	0.0038 U	0.0035 U	0.0034 U	0.0038 U	0.0034 U	0.0034 U	0.0035 U
14 - 16	--	--	--	--	--	--	0.0035 U	0.0032 U	0.0033 U	0.0030 U

Sample Depth (ft bgs)	Former Building B								Building D	
	SUP_SL_16	SUP_SL_17	SUP_SL_18	SUP_SL_19	SUP_SL_24	SUP_SL_25	SUP_SL_26	SUP_SL_27	SUP_SL_54	SUP_SL_55
0 - 1	--	--	--	--	--	--	--	--	0.0033 U	
1 - 2	--	--	--	--	--	--	--	--	0.0036 U	
2 - 4				--		--	--		0.0037 U	
4 - 6	0.0040 U	--					--		0.0037 U	
	0.0043 U				0.0038 U		0.0019 U			
6 - 8	0.0041 U	--		0.0067 U	0.0049 U		--	0.0028 U	0.0041 U	
8 - 10	0.0044 U			0.0047 U	0.0057 U			0.0027 U	0.0045 U	0.0012 J
10 - 12	0.0039 U	0.0054 U		0.0049 U	0.0061 U	0.0036 U		0.0018 U	0.0051 U	0.0049 U
12 - 14	0.0035 U	0.0047 U	0.0035 U	0.0034 U	0.0033 U	0.0034 U	0.011 U	0.0037 U	0.0037 U	0.0042 U
14 - 16	0.0032 U	0.0036 U	0.0035 U	0.0034 U	0.0033 U	0.0033 U	0.0034 U	0.0032 U	0.0034 U	0.0030 U

Notes:

Vinyl Chloride (VC) (mg/kg) =	Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	VC <= 18
-------------------------------	--------------------------------	---------------------	--------------------	------------	----------

--: Not sampled

Vinyl Chloride concentrations are in mg/kg.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-11: Vinyl Chloride Concentrations in Soil

Sample Depth (ft bgs)	Occidental Sludge Area								Remaining Areas	
	SUP_SL_2	SUP_SL_3	SUP_SL_4	SUP_SL_14	SUP_SL_15	SUP_SL_45	SUP_SL_47	SUP_SL_48	SUP_SL_1	SUP_SL_5
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	0.0073 U
2 - 4	--	--	0.0098 U	--	--	--	--	--	0.020 U	0.0080 U
4 - 6	--	--	0.010 U	--	--	0.0029 U	0.0030 U	0.0032 U	0.037 U	0.0058 U
6 - 8	0.015 JH	0.012 U	0.061 U	--	0.0066 U	0.0030 U	0.00092 J	0.0045 U	--	0.0073 U
8 - 10	0.026 HU	0.017 U	0.021 U	--	0.022 U	0.0176	0.0438 J	0.0097 U	0.020 U	0.0072 U
10 - 12	0.015 HU	0.015 U	0.022 U	0.0071 U	0.022 U	0.0046 U	0.0041 U	0.0058 U	0.020 U	0.012 U
12 - 14	0.011 HU	0.011 U	0.013 U	0.0085 U	0.012 U	0.0041 U	0.0039	0.0034 U	0.025 U	0.012 U
14 - 16	0.010 HU	0.0099 U	0.0098 U	0.010 U	0.010 U	0.0036 U	0.00083 J	0.0034 U	0.0097 U	0.0090 U

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_6	SUP_SL_28	SUP_SL_29	SUP_SL_30	SUP_SL_32	SUP_SL_33	SUP_SL_34	SUP_SL_35	SUP_SL_36	SUP_SL_37
0 - 1	--	--	--	--	--	--	--	0.014 U	--	--
1 - 2	0.0087 U	0.035 U	--	--	0.0087 U	0.0095 U	0.0098 U	0.014 U	0.014 U	--
2 - 4	0.0089 U	0.012 U	0.0065 U	0.0076 U	0.0095 U	0.0033 J	0.0033 J	0.015 U	0.017 U	0.25
4 - 6	0.010 U	0.0091 U	0.0060 J	0.019 U	0.0098 U	0.011 U	0.014 U	0.014 U	0.0098 U	0.026
6 - 8	0.012 U	0.014 U	0.0050 J	--	0.0073 U	--	0.014 U	0.013 U	0.019 U	0.015 U
8 - 10	0.014 U	0.018 U	0.010 U	--	0.015 U	0.015 U	0.082 J	0.012 U	0.020 U	0.017 U
10 - 12	0.0067 U	0.016 U	0.009 U	0.011 U	0.0075 U	0.012 U	0.012 U	0.013 U	0.011 U	--
12 - 14	0.0081 U	0.014 U	0.014 U	0.0098 U	0.0087 U	0.0089 J	0.0082 U	0.010 U	0.014 U	--
14 - 16	0.0085 U	0.0086 U	0.0074 U	0.012 U	0.012 U	0.0093 U	0.0084 U	0.0066 U	0.011 U	--

Notes:

Vinyl Chloride (VC) (mg/kg) =

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	VC <= 18
--------------------------------	---------------------	--------------------	------------	----------

--: Not sampled

Vinyl Chloride concentrations are in mg/kg.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

Table 7-11: Vinyl Chloride Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas								
	SUP_SL_39	SUP_SL_40	SUP_SL_42	SUP_SL_43	SUP_SL_44	SUP_SL_46	SUP_SL_49	SUP_SL_50	SUP_SL_51
0 - 1	--	--	--	--	--	--	--	--	0.0027 U
1 - 2	0.0088 U	0.0089 U	--	0.0030 U	0.0032 U	0.0028 U	0.0031 U	0.0030 U	0.0039 U
2 - 4	0.0090 U	0.0094 U	0.015 U	0.0038 U	0.0026 U	0.0026 U	0.0022 J	0.0034 J	0.0031 U
4 - 6	0.0098 U	0.010 U	0.026 U	0.0033 U	0.0033 U	0.0045 U	0.0029 J	--	0.0045 UJ
6 - 8	0.0091 U	0.0091 U	0.017 U	0.0031 U	0.0038 U	0.0075 J	0.0062 U	--	0.0044 U
8 - 10	0.0084 U	0.012 U	--	0.0039 U	0.0051 U	0.077	0.0044 U	0.0037 U	0.0050 UJ
10 - 12	0.0095 U	0.011 U	--	0.0047 U	0.0046 U	0.013 J	0.0042 U	0.0042 U	0.0048 U
12 - 14	0.0076 U	0.010 U	--	0.0054 U	0.0034 U	0.0154 J	0.0036 U	0.0032 U	0.0041 U
14 - 16	0.0070 U	0.0080 U	--	0.0034 U	0.0030 U	0.0064 J	0.0034 U	0.0034 U	0.0036 U

Sample Depth (ft bgs)	Remaining Areas				
	SUP_SL_52	SUP_SL_53	SUP_SL_72	SUP_SL_73	SUP_SL_74
0 - 1	--	0.0040 J	--	--	--
1 - 2	0.0040 UJ	0.0035 U	--	--	--
2 - 4	0.0040 U	0.0013 J	--	0.0045 U	0.0076
4 - 6	0.0033 U	0.0010 J	0.0027 U	--	0.048 J
6 - 8	0.0029 U	0.0045 U	0.0053 U	0.56	0.017
8 - 10	0.0036 U	0.0043 U	0.0047 U	0.32	0.0073 U
10 - 12	0.0049 U	0.0049 U	0.0042 U	0.13 U	0.0037 U
12 - 14	0.0033 U	0.0039 U	0.0038 U	0.0057 J	0.0052
14 - 16	0.0033 U	0.0032 U	0.0038 U	0.0036 U	0.0035 U

Notes:

Vinyl Chloride (VC) (mg/kg) =	Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	VC <= 18
-------------------------------	--------------------------------	---------------------	--------------------	------------	----------

--: Not sampled

Vinyl Chloride concentrations are in mg/kg.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Undetected at reported concentration; Y = Undetected-Reporting limit elevated due to interference

This page has been left blank intentionally to allow for
double-sided printing.

Table 7-12: Tetrachloroethylene Concentrations in Soil

Sample Depth (ft bgs)	Building A						Former Building B			
	SUP_SL_7	SUP_SL_8	SUP_SL_20	SUP_SL_21	SUP_SL_22	SUP_SL_23	SUP_SL_10	SUP_SL_11	SUP_SL_12	SUP_SL_13
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	--
2 - 4	--	--	--	--	--	--	--	--	--	--
4 - 6	--	--	--	--	--	--	--			
6 - 8	0.031 U	0.097 U	0.072 U	0.066 U	0.069 U	0.16 U				0.0043 U
	0.024 U	0.096 U	0.073 U	0.18 U	0.073 U	0.092 U				
8 - 10	0.0063 U	0.0074 U	0.0077 U	0.0084 U	0.0064 U	0.0082 U	0.0034 U	0.0044 U	0.0040 U	0.0056 U
10 - 12	0.0042 U	0.0034 U	0.0048 U	0.0042 U	0.0045 U	0.0051 U	0.0032 U	0.0035 U	0.0037 U	0.0043 U
12 - 14	0.0034 U	0.0031 U	0.0032 U	0.0038 U	0.0035 U	0.0034 U	0.0038 U	0.0034 U	0.0034 U	0.0035 U
14 - 16	--	--	--	--	--	--	0.0035 U	0.0032 U	0.0033 U	0.0030 U

Sample Depth (ft bgs)	Former Building B							Building D		
	SUP_SL_16	SUP_SL_17	SUP_SL_18	SUP_SL_19	SUP_SL_24	SUP_SL_25	SUP_SL_26	SUP_SL_27	SUP_SL_54	SUP_SL_55
0 - 1	--	--	--	--	--	--	--	--	0.0033 U	--
1 - 2	--	--	--	--	--	--	--	--	0.0036 U	--
2 - 4	--	--		--	--		--	--	0.0037 U	--
4 - 6	0.0040 U	--		--					0.0037 U	--
	0.0043 U				0.0038 U			0.0019 U		
6 - 8	0.0041 U	--		0.0067 U	0.0049 U			0.0028 U	0.0041 U	--
8 - 10	0.0044 U			0.0047 U	0.0057 U			0.0027 U	0.0045 U	0.0047 U
10 - 12	0.0039 U	0.0054 U		0.0049 U	0.0061 U	0.0036 U		0.0018 U	0.0051 U	0.0049 U
12 - 14	0.0035 U	0.0047 U	0.0035 U	0.0034 U	0.0033 U	0.0034 U	0.0015 UB	0.0037 U	0.0037 U	0.0042 U
14 - 16	0.0032 U	0.00077 UB	0.0035 U	0.0034 U	0.0033 U	0.0033 U	0.0034 U	0.0032 U	0.0034 U	0.0030 U

Notes:

PCE (mg/kg) =	Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	PCE <= 21,000	PCE > 21,000
---------------	--------------------------------	---------------------	--------------------	------------	---------------	--------------

--: Not sampled PCE = Tetrachloroethylene

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration

Table 7-12: Tetrachloroethylene Concentrations in Soil

Sample Depth (ft bgs)	Occidental Sludge Area								Remaining Areas	
	SUP_SL_2	SUP_SL_3	SUP_SL_4	SUP_SL_14	SUP_SL_15	SUP_SL_45	SUP_SL_47	SUP_SL_48	SUP_SL_1	SUP_SL_5
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	0.018 U
2 - 4	--	--	0.024 U	--	--	--	--	--	0.050 U	0.020 U
4 - 6	0.013 JH	--	0.025 U	--	--	0.00081 J	0.015 JB	0.00044 UB	0.094 U	0.015 U
6 - 8	--	0.044	0.15 U	--	0.0018 J	0.0032	0.023	0.0045 U	--	0.018 U
8 - 10	0.74 H	0.13	0.053 U	--	0.056 U	0.091	0.38	0.29 B	0.050 U	0.018 U
10 - 12	0.026 JH	0.039	0.055 U	0.098	0.055 U	0.071	0.18 JB	0.0043 B	0.051 U	0.029 U
12 - 14	0.028 HU	0.012 J	0.033 U	0.017 J	0.030 U	0.035	0.29	0.86	0.064 U	0.031 U
14 - 16	0.026 HU	0.015 J	0.024 U	0.028	0.026 U	0.0053 B	0.0018 J	0.00069 UB	0.024 U	0.022 U

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_6	SUP_SL_28	SUP_SL_29	SUP_SL_30	SUP_SL_32	SUP_SL_33	SUP_SL_34	SUP_SL_35	SUP_SL_36	SUP_SL_37
0 - 1	--	--	--	--	--	--	--	0.035 U	--	--
1 - 2	0.022 U	0.088 U	--	--	0.022 U	0.024 U	0.025 U	0.036 U	0.0082 J	--
2 - 4	0.022 U	0.010 J	0.016 U	0.019 U	0.024 U	0.025 U	0.026 U	0.038 U	0.014 J	0.027 J
4 - 6	0.0026 U	0.023 U	0.035 U	0.048 U	0.024 U	0.027 U	0.035 U	0.035 U	0.025 U	0.014 J
6 - 8	0.030 U	0.0090 J	0.029 U	--	0.018 U	--	0.036 U	0.033 U	0.047 U	0.037 U
8 - 10	0.034 U	0.045 U	0.025 U	--	0.039 U	0.038 U	0.47 U	0.031 U	0.050 U	0.041 U
10 - 12	0.017 U	0.039 U	0.023 U	0.029 U	0.019 U	0.029 U	0.029 U	0.032 U	0.022 J	--
12 - 14	0.020 U	0.036 U	0.035 U	0.025 U	0.022 U	0.041 U	0.020 U	0.026 U	0.035 U	--
14 - 16	0.021 U	0.021 U	0.018 U	0.031 U	0.030 U	0.023 U	0.021 U	0.016 U	0.026 U	--

Notes:

PCE (mg/kg) =	Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	PCE <= 21,000	PCE > 21,000
---------------	--------------------------------	---------------------	--------------------	------------	---------------	--------------

--: Not sampled PCE = Tetrachloroethylene

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated;

U = Non-detect at reported concentration

Table 7-12: Tetrachloroethylene Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_39	SUP_SL_40	SUP_SL_42	SUP_SL_43	SUP_SL_44	SUP_SL_46	SUP_SL_49	SUP_SL_50	SUP_SL_51	SUP_SL_52
0 - 1	--	--	--	--	--	--	--	--	0.0027 U	--
1 - 2	0.022 U	0.022 U	--	0.0030 U	0.0032 U	0.0010 UB	0.0031 U	0.0022 UJB	0.0018 UB	0.0040 UJ
2 - 4	0.022 U	0.024 U	0.046	0.0038 U	0.0026 U	0.00079 UB	0.0020 UB	0.0035 U	0.0019 UB	0.0040 UJ
4 - 6	0.025 U	0.025 U	0.066 U	0.0033 U	0.0033 U	0.0058 B	0.0038 U	--	0.0018 UJB	0.0033 U
6 - 8	0.023 U	0.023 U	0.041 U	0.0031 U	0.0018 J	0.0018 UJB	0.0062 U	--	0.0019 UB	0.0029 U
8 - 10	0.021 U	0.030 U	--	0.0039 U	0.0051 U	0.0016 UJB	0.0044 U	0.0037 U	0.0020 UJB	0.0036 U
10 - 12	0.024 U	0.028 U	--	0.0047 U	0.0046 U	0.0011 UJB	0.0042 U	0.0042 U	0.0016 UB	0.0049 U
12 - 14	0.019 U	0.025 U	--	0.0017 UJB	0.0034 U	0.0012 UJB	0.0036 U	0.0012 UB	0.0017 UB	0.0033 U
14 - 16	0.017 U	0.020 U	--	0.0034 U	0.0030 U	0.00063 UJB	0.0029 UJB	0.0010 UB	0.00091 UB	0.0033 U

Sample Depth (ft bgs)	Remaining Areas			
	SUP_SL_53	SUP_SL_72	SUP_SL_73	SUP_SL_74
0 - 1	0.0011 UB	--	--	--
1 - 2	0.0024 UB	--	--	--
2 - 4	0.0026 U	--	0.061 J	0.027 J
4 - 6	0.0024 U	0.0027 U	--	0.0091
6 - 8	0.0045 U	0.0053 U	3,600	0.014 J
8 - 10	0.0043 U	0.0047 U	1,500	32
10 - 12	0.0049 U	0.0042 U	105	0.010 J
12 - 14	0.0039 U	0.038 U	16	0.043 J
14 - 16	0.0032 U	0.061 J	0.11 J	0.0057 J

Notes:

PCE (mg/kg) =	Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	PCE <= 21,000	PCE > 21,000
---------------	--------------------------------	---------------------	--------------------	------------	---------------	--------------

--: Not sampled PCE = Tetrachloroethylene

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated;

U = Non-detect at reported concentration

This page has been left blank intentionally to allow for
double-sided printing.

Table 7-13: Trichloroethylene Concentrations in Soil

Sample Depth (ft bgs)	Building A						Former Building B			
	SUP_SL_7	SUP_SL_8	SUP_SL_20	SUP_SL_21	SUP_SL_22	SUP_SL_23	SUP_SL_10	SUP_SL_11	SUP_SL_12	SUP_SL_13
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	--
2 - 4	--	--	--	--	--	--	--	--	--	--
4 - 6	--	--	--	--	--	--	--			
6 - 8	0.025 U	0.077 U	0.057 U	0.052 U	0.055 U	0.13 U				0.0043 U
	0.028	0.076 U	0.058 U	0.14 U	0.059 U	0.073 U				
8 - 10	0.0063 U	0.0074 U	0.0077 U	0.0084 U	0.0064 U	0.0082 U	0.0034 U	0.0044 U	0.0040 U	0.0056 U
10 - 12	0.0042 U	0.0034 U	0.0048 U	0.0042 U	0.0045 U	0.0051 U	0.0032 U	0.0035 U	0.0037 U	0.0043 U
12 - 14	0.0034 U	0.0031 U	0.0032 U	0.0038 U	0.0035 U	0.0034 U	0.0038 U	0.0034 U	0.0034 U	0.0035 U
14 - 16	--	--	--	--	--	--	0.0035 U	0.0032 U	0.0033 U	0.0030 U

Sample Depth (ft bgs)	Former Building B							Building D		
	SUP_SL_16	SUP_SL_17	SUP_SL_18	SUP_SL_19	SUP_SL_24	SUP_SL_25	SUP_SL_26	SUP_SL_27	SUP_SL_54	SUP_SL_55
0 - 1	--	--	--	--	--	--	--	--	0.0033 U	--
1 - 2	--	--	--	--	--	--	--	--	0.0036 U	--
2 - 4	--	--		--	--		--	--	0.0037 U	--
4 - 6	0.0040 U	--		--					0.0037 U	--
	0.0043 U				0.0038 U			0.0019 U		
6 - 8	0.0041 U	--		0.0067 U	0.0049 U			0.0028 U	0.0041 U	--
8 - 10	0.0044 U			0.0047 U	0.0057 U			0.0027 U	0.0045 U	0.0047 U
10 - 12	0.0039 U	0.0054 U		0.0049 U	0.0061 U	0.0036 U		0.0018 U	0.0051 U	0.0049 U
12 - 14	0.0035 U	0.0047 U	0.0035 U	0.0034 U	0.0033 U	0.0034 U	0.011 U	0.0037 U	0.0037 U	0.0042 U
14 - 16	0.0032 U	0.0036 U	0.0035 U	0.0034 U	0.0033 U	0.0033 U	0.0034 U	0.0032 U	0.0034 U	0.0030 U

Notes:

Trichloroethylene (TCE) (mg/kg) =

--: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	TCE <= 1,800	TCE > 1,800
--------------------------------	---------------------	--------------------	------------	--------------	-------------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration

Table 7-13: Trichloroethylene Concentrations in Soil

Sample Depth (ft bgs)	Occidental Sludge Area								Remaining Areas	
	SUP_SL_2	SUP_SL_3	SUP_SL_4	SUP_SL_14	SUP_SL_15	SUP_SL_45	SUP_SL_47	SUP_SL_48	SUP_SL_1	SUP_SL_5
0 - 1	--	--	--	--	--	--	--	--	--	--
1 - 2	--	--	--	--	--	--	--	--	--	0.015 U
2 - 4	--	--	0.020 U	--	--	--	--	--	0.040 U	0.016 U
4 - 6	0.047 HU	--	0.020 U	--	--	0.00087 J	0.0071 J	0.0032 U	0.075 U	0.012 U
6 - 8	--	0.025 U	0.12 U	--	0.013 U	0.0019 J	0.011	0.0045 U	--	0.015 U
8 - 10	0.28 H	0.033 U	0.042 U	--	0.058	0.35	0.21 J	0.034	0.040 U	0.014 U
10 - 12	0.030 HU	0.029 U	0.044 U	0.026	0.044 U	0.015	0.024 J	0.0058 U	0.041 U	0.024 U
12 - 14	0.023 HU	0.022 U	0.026 U	0.017 U	0.024 U	0.012	0.028	0.054 JB	0.051 U	0.025 U
14 - 16	0.021 HU	0.020 U	0.020 U	0.021 U	0.020 U	0.0013 J	0.0034 U	0.0034 U	0.019 U	0.018 U

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_6	SUP_SL_28	SUP_SL_29	SUP_SL_30	SUP_SL_32	SUP_SL_33	SUP_SL_34	SUP_SL_35	SUP_SL_36	SUP_SL_37
0 - 1	--	--	--	--	--	--	--	0.028 JB	--	--
1 - 2	0.017 U	0.071 U	--	--	0.017 U	0.019 U	0.020 U	0.029 JB	0.12	--
2 - 4	0.018 U	0.17	0.0077 J	0.015 U	0.019 U	0.020 U	0.021 U	0.031 U	0.34	1.0
4 - 6	0.021 U	0.14	0.046	0.038 U	0.020 U	0.022 U	0.028 U	0.028 JB	0.022	0.36
6 - 8	0.024 U	0.18	0.0072 J	--	0.015 U	--	0.028 U	0.026 JB	0.038 U	0.030 U
8 - 10	0.028 U	0.036 U	0.0053 J	--	0.031 U	0.029 J	0.37 U	0.025 JB	0.042	0.033 U
10 - 12	0.013 U	0.031 U	0.018 U	0.023 U	0.015 U	0.042	0.023 U	0.026 JB	0.0070 J	--
12 - 14	0.016 U	0.0081 J	0.028 U	0.020 U	0.017 U	0.16	0.016 JB	0.021 JB	0.036	--
14 - 16	0.017 U	0.017 U	0.015 U	0.025 U	0.024 U	0.019 U	0.017 JB	0.013 JB	0.021 U	--

Notes:

Trichloroethylene (TCE) (mg/kg) =
 --: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	TCE <= 1,800	TCE > 1,800
--------------------------------	---------------------	--------------------	------------	--------------	-------------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration

Table 7-13: Trichloroethylene Concentrations in Soil

Sample Depth (ft bgs)	Remaining Areas									
	SUP_SL_39	SUP_SL_40	SUP_SL_42	SUP_SL_43	SUP_SL_44	SUP_SL_46	SUP_SL_49	SUP_SL_50	SUP_SL_51	SUP_SL_52
0 - 1	--	--	--	--	--	--	--	--	0.0027 U	--
1 - 2	0.018 JB	0.018 U	--	0.0030 U	0.0032 U	0.00052 J	0.0031 U	0.0030 U	0.0039 U	0.0040 UJ
2 - 4	0.018 JB	0.019 U	0.15	0.0038 U	0.0026 U	0.00083 J	0.0051	0.00082 J	0.0031 U	0.0040 U
4 - 6	0.020 JB	0.020 U	0.014 J	0.0033 U	0.0033 U	0.0045 U	0.0042 JB	--	0.0045 UJ	0.0033 U
6 - 8	0.018 JB	0.018 U	0.033 U	0.0031 U	0.0038 U	0.0048 J	0.0062 U	--	0.0044 U	0.0029 U
8 - 10	0.017 JB	0.024 U	--	0.0039 U	0.00039 J	0.0068 J	0.0044 U	0.0037 U	0.0050 UJ	0.0036 U
10 - 12	0.019 JB	0.023 U	--	0.0047 U	0.0015 J	0.0017 J	0.0042 U	0.0042 U	0.0048 U	0.00055 J
12 - 14	0.021 JB	0.020 U	--	0.0054 U	0.00034 U	0.0041 U	0.0036 U	0.0032 U	0.0041 U	0.0033 U
14 - 16	0.014 JB	0.016 U	--	0.0034 U	0.0030 U	0.0031 U	0.00055 UJB	0.0034 U	0.0036 U	0.0033 U

Sample Depth (ft bgs)	Remaining Areas			
	SUP_SL_53	SUP_SL_72	SUP_SL_73	SUP_SL_74
0 - 1	0.0086 U	--	--	--
1 - 2	0.011	--	--	--
2 - 4	0.0018 J	--	0.028	0.0074
4 - 6	0.0010 J	0.0027 U	--	0.0028 J
6 - 8	0.0045 U	0.0053 U	230	0.0039
8 - 10	0.0043 U	0.0047 U	165	0.33
10 - 12	0.0049 U	0.0042 U	11	0.0022 J
12 - 14	0.0039 U	0.0038 U	1.4	0.0050
14 - 16	0.0032 U	0.0038 U	0.019	0.0035 U

Notes:

Trichloroethylene (TCE) (mg/kg) =
 --: Not sampled

Depth-Adjusted Overburden Soil	Clean Backfill Soil	No Longer in Place	Non-detect	TCE <= 1,800	TCE > 1,800
--------------------------------	---------------------	--------------------	------------	--------------	-------------

All results are presented to two significant figures, unless the result is greater than 100.

Qualifier Codes: B = Constituent was detected in laboratory blank; H = Concentration in sample was higher than concentration of QA spike; J = Concentration is estimated; U = Non-detect at reported concentration

This page has been left blank intentionally to allow for
double-sided printing.

Table 9-1: Constituents of Potential Concern in Soil Based on Comparing Surficial Aquifer Concentrations to Drinking Water Values

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (µg/L)	Location of Maximum Detection	Groundwater Method B Carcinogen (µg/L)	Groundwater Method B Non-carcinogen (µg/L)	MTCA B Concentration (µg/L) ¹	Exceeds MTCA B?
Detected Analytes									
Arsenic, Inorganic	44	38	86	32,900	MW-8	0.058	4.8	0.058	Yes
Cadmium	44	16	36	170	MW-3	No Value	16	16	Yes
Lead and Compounds ²	44	23	52	2,000	MW-3	No Value	No Value	15	Yes
Pentachlorophenol	43	1.0	2.3	3.0	MW-1	0.22	80	0.22	Yes
Vinyl Chloride	44	18	41	1.7	MW-3, MW-8	0.029	24	0.029	Yes
Mercury ²	31	5.0	16	0.48	MW-3	No Value	No Value	2.0	No
TPH: Diesel Range Organics ²	44	4.0	9.1	43	MW-7	No Value	No Value	500	No
TPH: Gasoline Range Organics ²	44	2.0	4.5	59	MW-7	No Value	No Value	1,000	No
Propyl benzene	44	1.0	2.3	0.12	MW-1	No Value	800	800	No
Trimethylbenzene, 1,3,5-	44	3.0	6.8	0.29	MW-1	No Value	80	80	No
Acetone	44	1.0	2.3	3.9	MW-3	No Value	7,200	7,200	No
Benzene	44	4.0	9.1	0.43	MW-3	0.80	32	0.80	No
Carbon Disulfide	44	11	25	0.58	MW-3	No Value	800	800	No
Chloroform	44	7.0	16	0.43	MW-7	1.4	80	1.4	No
Dichloroethylene, 1,2- (Mixed Isomers)	36	15	42	2.4	MW-1	No Value	72	72	No
Dichloroethylene, 1,2-cis-	44	14	32	2.2	MW-1	No Value	16	16	No
Dichloroethylene, 1,2-trans-	44	2.0	4.5	0.17	MW-1	No Value	160	160	No
Ethylbenzene	44	3.0	6.8	0.25	MW-7	4.0	800	4.0	No
Tetrachloroethylene	44	1.0	2.3	0.28	MW-1	21	48	21	No
Toluene	44	7.0	16	9.9	MW-1	No Value	640	640	No
Xylene, m&p-	44	2.0	4.5	0.80	MW-7	No Value	1,600	1,600	No
Xylene, o-	44	2.0	4.5	0.74	MW-7	No Value	1,600	1,600	No
Xylenes	44	2.0	4.5	1.5	MW-7	No Value	1,600	1,600	No

Table 9-1: Constituents of Potential Concern in Soil Based on Comparing Surficial Aquifer Concentrations to Drinking Water Values

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (µg/L)	Location of Maximum Detection	Groundwater Method B Carcinogen (µg/L)	Groundwater Method B Non-carcinogen (µg/L)	MTCA B Concentration (µg/L) ¹	Exceeds MTCA B?
Trimethylbenzene, 1,2,4-	44	3.0	6.8	0.73	MW-1	No Value	No Value	--	--
Isopropyltoluene, p-	44	2.0	4.5	3.3	MW-1	No Value	No Value	--	--
Non-detected Analytes									
Naphthalene	44	0.0	0.0	0.0	--	--	--	--	--
TPH: Motor Oil Range Organics	44	0.0	0.0	0.0	--	--	--	--	--
Bromobenzene	44	0.0	0.0	0.0	--	--	--	--	--
Bromochloromethane	44	0.0	0.0	0.0	--	--	--	--	--
Butylbenzene, n-	44	0.0	0.0	0.0	--	--	--	--	--
Butylbenzene, sec-	44	0.0	0.0	0.0	--	--	--	--	--
Butylbenzene, tert-	44	0.0	0.0	0.0	--	--	--	--	--
Chlorotoluene, o-	44	0.0	0.0	0.0	--	--	--	--	--
Chlorotoluene, p-	44	0.0	0.0	0.0	--	--	--	--	--
Cumene	44	0.0	0.0	0.0	--	--	--	--	--
Dibromo-3-chloropropane, 1,2-	44	0.0	0.0	0.0	--	--	--	--	--
Dibromoethane, 1,2-	44	0.0	0.0	0.0	--	--	--	--	--
Dibromomethane	44	0.0	0.0	0.0	--	--	--	--	--
Dichlorobenzene, 1,2-	44	0.0	0.0	0.0	--	--	--	--	--
Dichlorobenzene, 1,3-	44	0.0	0.0	0.0	--	--	--	--	--
Dichlorodifluoromethane	44	0.0	0.0	0.0	--	--	--	--	--
Dichloropropane, 1,3-	44	0.0	0.0	0.0	--	--	--	--	--
Dichloropropane, 2,2-	44	0.0	0.0	0.0	--	--	--	--	--
Dichloropropene, 1,1-	44	0.0	0.0	0.0	--	--	--	--	--
Dichloropropene, 1,3-cis-	44	0.0	0.0	0.0	--	--	--	--	--
Dichloropropene, 1,3-trans-	44	0.0	0.0	0.0	--	--	--	--	--

Table 9-1: Constituents of Potential Concern in Soil Based on Comparing Surficial Aquifer Concentrations to Drinking Water Values

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (µg/L)	Location of Maximum Detection	Groundwater Method B Carcinogen (µg/L)	Groundwater Method B Non-carcinogen (µg/L)	MTCA B Concentration (µg/L) ¹	Exceeds MTCA B?
Hexachlorobutadiene	44	0.0	0.0	0.0	--	--	--	--	--
Methyl Isobutyl Ketone	44	0.0	0.0	0.0	--	--	--	--	--
Methyl tert-Butyl Ether	44	0.0	0.0	0.0	--	--	--	--	--
Tetrachloroethane, 1,1,1,2-	44	0.0	0.0	0.0	--	--	--	--	--
Trichlorobenzene, 1,2,3-	44	0.0	0.0	0.0	--	--	--	--	--
Trichlorobenzene, 1,2,4-	44	0.0	0.0	0.0	--	--	--	--	--
Trichlorofluoromethane	44	0.0	0.0	0.0	--	--	--	--	--
Trichloropropane, 1,2,3-	44	0.0	0.0	0.0	--	--	--	--	--
Bromodichloromethane	44	0.0	0.0	0.0	--	--	--	--	--
Bromoform	44	0.0	0.0	0.0	--	--	--	--	--
Bromomethane	44	0.0	0.0	0.0	--	--	--	--	--
Carbon Tetrachloride	44	0.0	0.0	0.0	--	--	--	--	--
Chlorobenzene	44	0.0	0.0	0.0	--	--	--	--	--
Chloromethane	44	0.0	0.0	0.0	--	--	--	--	--
Dibromochloromethane	44	0.0	0.0	0.0	--	--	--	--	--
Dichlorobenzene, 1,4-	44	0.0	0.0	0.0	--	--	--	--	--
Dichloroethane, 1,1-	44	0.0	0.0	0.0	--	--	--	--	--
Dichloroethane, 1,2-	44	0.0	0.0	0.0	--	--	--	--	--
Dichloroethylene, 1,1-	44	0.0	0.0	0.0	--	--	--	--	--
Dichloropropane, 1,2-	44	0.0	0.0	0.0	--	--	--	--	--
Ethyl Chloride	44	0.0	0.0	0.0	--	--	--	--	--
Hexanone, 2-	44	0.0	0.0	0.0	--	--	--	--	--
Methyl Ethyl Ketone	44	0.0	0.0	0.0	--	--	--	--	--
Methylene Chloride	44	0.0	0.0	0.0	--	--	--	--	--

Table 9-1: Constituents of Potential Concern in Soil Based on Comparing Surficial Aquifer Concentrations to Drinking Water Values

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (µg/L)	Location of Maximum Detection	Groundwater Method B Carcinogen (µg/L)	Groundwater Method B Non-carcinogen (µg/L)	MTCA B Concentration (µg/L) ¹	Exceeds MTCA B?
Styrene	44	0.0	0.0	0.0	--	--	--	--	--
Tetrachloroethane, 1,1,2,2-	44	0.0	0.0	0.0	--	--	--	--	--
Trichloroethane, 1,1,1-	44	0.0	0.0	0.0	--	--	--	--	--
Trichloroethane, 1,1,2-	44	0.0	0.0	0.0	--	--	--	--	--
Trichloroethylene	44	0.0	0.0	0.0	--	--	--	--	--

Notes:

CLARC: Cleanup Levels and Risk Calculation

MTCA: Model Toxics Control Act

TPH: Total Petroleum Hydrocarbons

¹MTCA Values were obtained from the CLARC database. The lower of the Cancer and Noncancer Method B Value was used as the 'MTCA B Concentration'.

²If no MTCA Method B Value was available, the MTCA Method A Value was used.

Table 9-2: Constituents of Potential Concern in Soil Based on Human Health Direct Contact

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (mg/kg)	Location of Maximum Detection	Soil Method C Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	Soil Method C Non-Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	MTCA C Concentration (mg/kg) ¹	Exceeds MTCA C?
Detected Analytes									
Arsenic, Inorganic ²	393	379	96	23,700	SL_46, 6-8 ft bgs	123	1,100	123	Yes
Lead and Compounds ³	393	391	99	31,400	SL_16, 3-4 ft bgs	No Value	No Value	1,000	Yes
TPH: Diesel Range Organics ³	156	66	42	8,440	SL_53, 1-2 ft bgs	No Value	No Value	2,000	Yes
TPH: Gasoline Range Organics ³	150	48	32	1,700	SL_34, 8-10 ft bgs	No Value	No Value	100	Yes
TPH: Motor Oil Range Organics ³	83	33	40	13,200	SL_53, 1-2 ft bgs	No Value	No Value	2,000	Yes
Cadmium	389	250	64	583	SL_72, 6-8 ft bgs	No Value	3,500	3,500	No
Mercury	21	18	86	.2	SL_24, 3-4 ft bgs	No Value	1,100	1,100	No
Nickel Refinery Dust	74	65	88	20,000	SL_42, 4-6 ft bgs	No Value	175,000	175,000	No
Acenaphthene	16	6.0	38	0.30	SL_4, 6-8 ft bgs	No Value	210,000	210,000	No
Anthracene	16	7.0	44	0.22	SL_4, 6-8 ft bgs	No Value	1,100,000	1,100,000	No
Benz[a]anthracene	16	12	75	0.47	SL_4, 6-8 ft bgs	180	No Value	180	No
Benzo[a]pyrene	16	5.0	31	0.35	SL_4, 4-6 ft bgs	18	No Value	18	No
Benzo[b]fluoranthene	16	4.0	25	0.55	SL_4, 6-8 ft bgs	180	No Value	180	No
Benzo[k]fluoranthene	16	4.0	25	0.16	SL_4, 6-8 ft bgs	1,800	No Value	1,800	No
Chrysene	16	9.0	56	0.89	SL_4, 6-8 ft bgs	18,000	No Value	18,000	No
Dibenz[a,h]anthracene	16	1.0	6.3	0.067	SL_4, 4-6 ft bgs	18	No Value	18	No
Fluoranthene	16	9.0	56	0.87	SL_4, 6-8 ft bgs	No Value	140,000	140,000	No
Fluorene	16	6.0	38	0.37	SL_4, 6-8 ft bgs	No Value	140,000	140,000	No
Indeno[1,2,3-cd]pyrene	16	3.0	19	0.23	SL_4, 4-6 ft bgs	180	No Value	180	No
Methylnaphthalene, 1-	16	7.0	44	0.23	SL_4, 14-16 ft bgs	4,500	245,000	4,500	No
Methylnaphthalene, 2-	16	8.0	50	0.30	SL_4, 14-16 ft bgs	No Value	14,000	14,000	No
Naphthalene	328	87	27	50	SL_53, 1-2 ft bgs	No Value	70,000	70,000	No

Table 9-2: Constituents of Potential Concern in Soil Based on Human Health Direct Contact

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (mg/kg)	Location of Maximum Detection	Soil Method C Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	Soil Method C Non-Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	MTCA C Concentration (mg/kg) ¹	Exceeds MTCA C?
Pyrene	16	9.0	56	0.61	SL_4, 4-8 ft bgs	No Value	110,000	110,000	No
Dibenzofuran	16	6.0	38	0.24	SL_4, 6-8 ft bgs	No Value	3,500	3,500	No
Benzoic Acid	16	2.0	13	3.8	SL_1, 4-6 ft bgs	No Value	14,000,000	14,000,000	No
Bis(2-ethylhexyl)phthalate	16	2.0	13	0.28	SL_1, 6-8 ft bgs	9,400	70,000	9,400	No
Butylbenzene, n-	325	4.0	1.2	5.1	SL_34, 8-10 ft bgs	No Value	175,000	175,000	No
Cresol, o-	16	3.0	19	0.46	SL_1, 4-6 ft bgs	No Value	180,000	180,000	No
Cumene	325	25	7.7	4.6	SL_34, 8-10 ft bgs	No Value	350,000	350,000	No
Dibutyl Phthalate	16	1.0	6.3	0.17	SL_1, 6-8 ft bgs	No Value	350,000	350,000	No
Dichlorobenzene, 1,2-	328	7.0	2.1	0.085	SL_28, 2-4 ft bgs	No Value	320,000	320,000	No
Dichloropropane, 1,3-	325	1.0	0.31	0.00070	SL_47, 14-16 ft bgs	No Value	70,000	70,000	No
Diethyl Phthalate	16	2.0	13	0.097	SL_1, 4-6 ft bgs	No Value	2,800,000	2,800,000	No
Hexachlorobutadiene	328	15	4.6	191	SL_73, 6-8 ft bgs	1,700	3,500	1,700	No
Methyl Isobutyl Ketone	183	1.0	.5	0.006	SL_25, 8-10 ft bgs	No Value	280,000	280,000	No
Pentachlorophenol	187	5.0	2.7	0.71	SL_1, 1-2 ft bgs	330	18,000	330	No
Phenol	16	2.0	13	1.5	SL_1, 4-6 ft bgs	No Value	1,100,000	1,100,000	No
Propyl benzene	325	31	9.5	11	SL_34, 8-10 ft bgs	No Value	350,000	350,000	No
Trichlorobenzene, 1,2,3-	325	3.0	0.92	0.028	SL_30, 12-14 ft bgs	No Value	2,800	2,800	No
Trichlorobenzene, 1,2,4-	328	2.0	0.61	0.0029	SL_73, 10-12 ft bgs	4,500	35,000	4,500	No
Trichlorofluoromethane	325	5.0	1.5	0.75	SL_29, 4-6 ft bgs	No Value	1,100,000	1,100,000	No
Trimethylbenzene, 1,3,5-	325	49	15	45	SL_34, 8-10 ft bgs	No Value	35,000	35,000	No
Acetone	183	122	67	2.2	SL_74, 8-10 ft bgs	No Value	3,200,000	3,200,000	No
Benzene	325	126	39	0.76	SL_40, 2-4 ft bgs	2,400	14,000	2,400	No
Bromomethane	325	4.0	1.2	0.0054	SL_54, 2-4 ft bgs	No Value	4,900	4,900	No

Table 9-2: Constituents of Potential Concern in Soil Based on Human Health Direct Contact

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (mg/kg)	Location of Maximum Detection	Soil Method C Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	Soil Method C Non-Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	MTCA C Concentration (mg/kg) ¹	Exceeds MTCA C?
Carbon Disulfide	183	102	56	0.18	SL_73, 6-8 ft bgs	No Value	350,000	350,000	No
Chlorobenzene	325	21	6.5	0.12	SL_3, 10-12 ft bgs	No Value	70,000	70,000	No
Chloroform	325	6.0	1.8	0.0014	SL_18, 14-16 ft bgs	No Value	35,000	35,000	No
Dichlorobenzene, 1,4-	328	8.0	2.4	0.091	SL_29, 4-6 ft bgs	24,306	245,000	24,306	No
Dichloroethane, 1,2-	325	9.0	2.8	0.16	SL_29, 4-6 ft bgs	1,400	70,000	1,400	No
Dichloroethylene, 1,1-	325	7.0	2.2	0.23	SL_73, 10-12 ft bgs	No Value	180,000	180,000	No
Dichloroethylene, 1,2- (Mixed Isomers)	183	73	40	7.5	SL_74, 8-10 ft bgs	No Value	32,000	32,000	No
Dichloroethylene, 1,2-cis-	325	113	35	29	SL_2, 6-8 ft bgs	No Value	7,000	7,000	No
Dichloroethylene, 1,2-trans-	325	35	11	2.8	SL_37, 2-4 ft bgs	No Value	70,000	70,000	No
Ethylbenzene	325	55	17	7.2	SL_34, 8-10 ft bgs	11,932	350,000	11,932	No
Methyl Ethyl Ketone	183	61	33	0.14	SL_46, 8-10 ft bgs	No Value	2,100,000	2,100,000	No
Methylene Chloride	325	65	20	0.056	SL_35, 0-1 ft bgs	18,000	210,000	18,000	No
Styrene	325	4.0	1.2	1.7	SL_35, 1-2 ft bgs	No Value	700,000	700,000	No
Tetrachloroethylene	325	50	15	3,600	SL_73, 6-8 ft bgs	63,000	21,000	21,000	No
Toluene	325	108	33	50	SL_1, 4-6 ft bgs	No Value	280,000	280,000	No
Trichloroethylene	325	82	25	230	SL_73, 6-8 ft bgs	2,800	1,800	1,800	No
Vinyl Chloride	325	33	10.2	0.56	SL_73, 6-8 ft bgs	182	11,000	182	No
Xylene, m&p-	325	68	21	46	SL_34, 8-10 ft bgs	No Value	700,000	700,000	No
Xylene, o-	325	60	18	30	SL_34, 8-10 ft bgs	No Value	700,000	700,000	No
Xylenes	183	22	12	0.070	SL_74, 4-6 ft bgs	No Value	700,000	700,000	No
Chlordane, gamma	8.0	1.0	13	0.0092	SL_32, 1-2 ft bgs	380	1,800	380	No
DDD	8.0	1.0	13	0.0090	SL_32, 1-2 ft bgs	550	No Value	550	No
DDE, p,p'-	8.0	2.0	25	0.021	SL_32, 1-2 ft bgs	390	No Value	390	No

Table 9-2: Constituents of Potential Concern in Soil Based on Human Health Direct Contact

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (mg/kg)	Location of Maximum Detection	Soil Method C Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	Soil Method C Non-Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	MTCA C Concentration (mg/kg) ¹	Exceeds MTCA C?
DDT	8.0	1.0	13	0.0014	SL_32, 1-2 ft bgs	390	1,800	390	No
Amylmethyl ether, tert-	183	4.0	2.2	0.0025	SL_44, 10-12 ft bgs	No Value	No Value	--	--
Benzo(g,h,i)perylene	16	4.0	25	0.28	SL_4, 4-6 ft bgs	No Value	No Value	--	--
Butylbenzene, sec-	325	16	4.9	4.1	SL_34, 8-10 ft bgs	No Value	No Value	--	--
Butylbenzene, tert-	325	2.0	0.62	0.32	SL_34, 8-10 ft bgs	No Value	No Value	--	--
Carbazole	16	6.0	38	0.079	SL_4, 4-6 ft bgs	No Value	No Value	--	--
Dichlorobenzene, 1,3-	328	3.0	0.91	0.0058	SL_73, 6-8 ft bgs	No Value	No Value	--	--
Methylphenol Coelution, 3- & 4-	16	5.0	31	7.6	SL_1, 4-6 ft bgs	No Value	No Value	--	--
Phenanthrene	16	8.0	50	1.2	SL_4, 6-8 ft bgs	No Value	No Value	--	--
Trimethylbenzene, 1,2,4-	325	67	21	150	SL_34, 8-10 ft bgs	No Value	No Value	--	--
Chloromethane	325	4.0	1.23	0.0014	SL_55, 12-14 ft bgs	No Value	No Value	--	--
Ethyl Chloride	325	1.0	0.31	0.035	SL_46, 8-10 ft bgs	No Value	No Value	--	--
Isopropyltoluene, p-	325	87	27	60	SL_74, 4-6 ft bgs	No Value	No Value	--	--
Non-detected Analytes									
Acenaphthylene	16	0.0	0.0	0.0	--	--	--	--	--
Benzyl Alcohol	16	0.0	0.0	0.0	--	--	--	--	--
Bis(2-chloro-1-methylethyl) ether	16	0.0	0.0	0.0	--	--	--	--	--
Bis(2-chloroethoxy)methane	16	0.0	0.0	0.0	--	--	--	--	--
Bis(2-chloroethyl)ether	16	0.0	0.0	0.0	--	--	--	--	--
Bromobenzene	344	0.0	0.0	0.0	--	--	--	--	--
Bromochloromethane	344	0.0	0.0	0.0	--	--	--	--	--
Bromophenylphenylether, 4-	16	0.0	0.0	0.0	--	--	--	--	--
Butyl Benzyl Phthlate	16	0.0	0.0	0.0	--	--	--	--	--

Table 9-2: Constituents of Potential Concern in Soil Based on Human Health Direct Contact

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (mg/kg)	Location of Maximum Detection	Soil Method C Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	Soil Method C Non-Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	MTCA C Concentration (mg/kg) ¹	Exceeds MTCA C?
Chloroaniline, p-	16	0.0	0.0	0.0	--	--	--	--	--
Chloronaphthalene, Beta-	16	0.0	0.0	0.0	--	--	--	--	--
Chlorophenol, 2-	16	0.0	0.0	0.0	--	--	--	--	--
Chlorophenylphenylether, 4-	16	0.0	0.0	0.0	--	--	--	--	--
Chlorotoluene, o-	344	0.0	0.0	0.0	--	--	--	--	--
Chlorotoluene, p-	344	0.0	0.0	0.0	--	--	--	--	--
Cresol, p-chloro-m-	16	0.0	0.0	0.0	--	--	--	--	--
Dibromo-3-chloropropane, 1,2-	344	0.0	0.0	0.0	--	--	--	--	--
Dibromoethane, 1,2-	344	0.0	0.0	0.0	--	--	--	--	--
Dibromomethane	344	0.0	0.0	0.0	--	--	--	--	--
Dichlorobenzidine, 3,3'-	16	0.0	0.0	0.0	--	--	--	--	--
Dichlorodifluoromethane	344	0.0	0.0	0.0	--	--	--	--	--
Dichlorophenol, 2,4-	16	0.0	0.0	0.0	--	--	--	--	--
Dichloropropane, 2,2-	344	0.0	0.0	0.0	--	--	--	--	--
Dichloropropene, 1,1-	344	0.0	0.0	0.0	--	--	--	--	--
Dichloropropene, 1,3-cis-	344	0.0	0.0	0.0	--	--	--	--	--
Dichloropropene, 1,3-trans-	344	0.0	0.0	0.0	--	--	--	--	--
Dimethyl Phthalate	16	0.0	0.0	0.0	--	--	--	--	--
Dimethylphenol, 2,4-	16	0.0	0.0	0.0	--	--	--	--	--
Dinitro-o-cresol, 4,6-	16	0.0	0.0	0.0	--	--	--	--	--
Dinitrophenol, 2,4-	16	0.0	0.0	0.0	--	--	--	--	--
Dinitrotoluene, 2,4-	16	0.0	0.0	0.0	--	--	--	--	--
Dinitrotoluene, 2,6-	16	0.0	0.0	0.0	--	--	--	--	--

Table 9-2: Constituents of Potential Concern in Soil Based on Human Health Direct Contact

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (mg/kg)	Location of Maximum Detection	Soil Method C Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	Soil Method C Non-Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	MTCA C Concentration (mg/kg) ¹	Exceeds MTCA C?
Di-n-octyl Phthalate	16	0.0	0.0	0.0	--	--	--	--	--
Hexachlorobenzene	16	0.0	0.0	0.0	--	--	--	--	--
Hexachlorocyclopentadiene	16	0.0	0.0	0.0	--	--	--	--	--
Hexachloroethane	16	0.0	0.0	0.0	--	--	--	--	--
Isophorone	16	0.0	0.0	0.0	--	--	--	--	--
Methyl tert-Butyl Ether	202	0.0	0.0	0.0	--	--	--	--	--
Nitroaniline, 2-	16	0.0	0.0	0.0	--	--	--	--	--
Nitroaniline, 3-	16	0.0	0.0	0.0	--	--	--	--	--
Nitroaniline, 4-	16	0.0	0.0	0.0	--	--	--	--	--
Nitrobenzene	16	0.0	0.0	0.0	--	--	--	--	--
Nitrophenol, 2-	16	0.0	0.0	0.0	--	--	--	--	--
Nitrophenol, 4-	16	0.0	0.0	0.0	--	--	--	--	--
Nitroso-di-N-propylamine, N-	16	0.0	0.0	0.0	--	--	--	--	--
Nitrosodiphenylamine, N-	16	0.0	0.0	0.0	--	--	--	--	--
Tetrachloroethane, 1,1,1,2-	344	0.0	0.0	0.0	--	--	--	--	--
Trichloro-1,2,2-trifluoroethane, 1,1,2-	202	0.0	0.0	0.0	--	--	--	--	--
Trichlorophenol, 2,4,5-	16	0.0	0.0	0.0	--	--	--	--	--
Trichlorophenol, 2,4,6-	16	0.0	0.0	0.0	--	--	--	--	--
Trichloropropane, 1,2,3-	344	0.0	0.0	0.0	--	--	--	--	--
Bromodichloromethane	344	0.0	0.0	0.0	--	--	--	--	--
Bromoform	344	0.0	0.0	0.0	--	--	--	--	--
Carbon Tetrachloride	344	0.0	0.0	0.0	--	--	--	--	--
Dibromochloromethane	344	0.0	0.0	0.0	--	--	--	--	--

Table 9-2: Constituents of Potential Concern in Soil Based on Human Health Direct Contact

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (mg/kg)	Location of Maximum Detection	Soil Method C Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	Soil Method C Non-Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	MTCA C Concentration (mg/kg) ¹	Exceeds MTCA C?
Dichloroethane, 1,1-	344	0.0	0.0	0.0	--	--	--	--	--
Dichloropropane, 1,2-	344	0.0	0.0	0.0	--	--	--	--	--
Hexanone, 2-	202	0.0	0.0	0.0	--	--	--	--	--
Tetrachloroethane, 1,1,2,2-	344	0.0	0.0	0.0	--	--	--	--	--
Trichloroethane, 1,1,1-	344	0.0	0.0	0.0	--	--	--	--	--
Trichloroethane, 1,1,2-	344	0.0	0.0	0.0	--	--	--	--	--
Aldrin	8.0	0.0	0.0	0.0	--	--	--	--	--
Chlordane, alpha	8.0	0.0	0.0	0.0	--	--	--	--	--
Dieldrin	8.0	0.0	0.0	0.0	--	--	--	--	--
Endosulfan I	8.0	0.0	0.0	0.0	--	--	--	--	--
Endosulfan II	8.0	0.0	0.0	0.0	--	--	--	--	--
Endosulfan sulfate	8.0	0.0	0.0	0.0	--	--	--	--	--
Endrin	8.0	0.0	0.0	0.0	--	--	--	--	--
Endrin aldehyde	8.0	0.0	0.0	0.0	--	--	--	--	--
Endrin ketone	8.0	0.0	0.0	0.0	--	--	--	--	--
Heptachlor	8.0	0.0	0.0	0.0	--	--	--	--	--
Heptachlor Epoxide	8.0	0.0	0.0	0.0	--	--	--	--	--
Hexachlorocyclohexane, Alpha-	8.0	0.0	0.0	0.0	--	--	--	--	--
Hexachlorocyclohexane, Beta-	8.0	0.0	0.0	0.0	--	--	--	--	--
Hexachlorocyclohexane, delta-	8.0	0.0	0.0	0.0	--	--	--	--	--
Hexachlorocyclohexane, Gamma-	8.0	0.0	0.0	0.0	--	--	--	--	--
Methoxychlor	8.0	0.0	0.0	0.0	--	--	--	--	--
Toxaphene	8.0	0.0	0.0	0.0	--	--	--	--	--

Table 9-2: Constituents of Potential Concern in Soil Based on Human Health Direct Contact

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (mg/kg)	Location of Maximum Detection	Soil Method C Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	Soil Method C Non-Carcinogen Direct Contact (ingestion only) Industrial Land Use (mg/kg)	MTCA C Concentration (mg/kg) ¹	Exceeds MTCA C?
-------------	-------------------	----------------------------	-------------------------	---------------------------	-------------------------------	--	--	---	-----------------

Notes:

CLARC: Cleanup Levels and Risk Calculation

DDD: Dichlorodiphenyldichloroethane

DDE: Dichlorodiphenyldichloroethylene

DDT: Dichlorodiphenyltrichloroethane

MTCA: Model Toxics Control Act

TPH: Total Petroleum Hydrocarbons

¹MTCA Values were obtained from the CLARC database. The lower of the Cancer and Noncancer Method C Value was used as the 'MTCA C Concentration'.

²MTCA C Concentration incorporates arsenic bioavailability of 40%.

³If no MTCA Method C Value was available, the MTCA Method A Value was used.

Table 9-3: Constituents of Potential Concern in Surface Water Based on Comparing Surface Water Concentrations to Drinking Water Values

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (µg/L)	Location of Maximum Detection	Groundwater Method B Carcinogen (µg/L)	Groundwater Method B Non-carcinogen (µg/L)	MTCA B Concentration (µg/L) ¹	Exceeds MTCA B?
Detected Analytes									
Arsenic, Inorganic	5.0	5.0	100	181,000	GW-3	0.058	4.8	0.058	Yes
Cadmium	5.0	5.0	100	5,100	GW-3	No Value	16	16	Yes
Lead and Compounds ²	5.0	5.0	100	192,000	GW-7	No Value	No Value	15	Yes
Mercury ²	3.0	2.0	67	53	GW-7	No Value	No Value	2.0	Yes
TPH: Motor Oil Range Organics ²	2.0	2.0	100	600	SW-3	No Value	No Value	500	Yes
Pentachlorophenol	3.0	1.0	33	0.68	GW-7	0.22	80	0.22	Yes
Dichloroethylene, 1,2-cis-	3.0	3.0	100	60	GW-7	No Value	16	16	Yes
Trichloroethylene	3.0	1.0	33	0.56	GW-7	0.54	4.0	0.54	Yes
Vinyl Chloride	3.0	3.0	100	0.95	GW-7	0.029	24	0.029	Yes
TPH: Diesel Range Organics ²	2.0	2.0	100	310	SW-3	No Value	No Value	500	No
Trimethylbenzene, 1,3,5-	3.0	1.0	33	0.19	GW-6	No Value	80	80	No
Carbon Disulfide	3.0	1.0	33	0.22	GW-3	No Value	800	800	No
Chloroform	3.0	3.0	100	1.4	GW-6	1.4	80	1	No
Dichloroethylene, 1,2- (Mixed Isomers)	3.0	3.0	100	60	GW-7	No Value	72	72	No
Dichloroethylene, 1,2-trans-	3.0	1.0	33	0.36	GW-7	No Value	160	160	No
Methyl Ethyl Ketone	3.0	1.0	33	5.2	GW-7	No Value	4,800	4,800	No
Tetrachloroethylene	3.0	2.0	67	0.22	GW-6	21	48	21	No
Isopropyltoluene, p-	3.0	3.0	100	0.20	GW-3	No Value	No Value	--	--
Non-detected Analytes									
Naphthalene	3.0	0.0	0.0	0.0	--	--	--	--	--
TPH: Gasoline Range Organics	2.0	0.0	0.0	0.0	--	--	--	--	--
Bromobenzene	3.0	0.0	0.0	0.0	--	--	--	--	--
Bromochloromethane	3.0	0.0	0.0	0.0	--	--	--	--	--

Table 9-3: Constituents of Potential Concern in Surface Water Based on Comparing Surface Water Concentrations to Drinking Water Values

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (µg/L)	Location of Maximum Detection	Groundwater Method B Carcinogen (µg/L)	Groundwater Method B Non-carcinogen (µg/L)	MTCA B Concentration (µg/L) ¹	Exceeds MTCA B?
Butylbenzene, n-	3.0	0.0	0.0	0.0	--	--	--	--	--
Butylbenzene, sec-	3.0	0.0	0.0	0.0	--	--	--	--	--
Butylbenzene, tert-	3.0	0.0	0.0	0.0	--	--	--	--	--
Chlorotoluene, o-	3.0	0.0	0.0	0.0	--	--	--	--	--
Chlorotoluene, p-	3.0	0.0	0.0	0.0	--	--	--	--	--
Cumene	3.0	0.0	0.0	0.0	--	--	--	--	--
Dibromo-3-chloropropane, 1,2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dibromoethane, 1,2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dibromomethane	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichlorobenzene, 1,2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichlorobenzene, 1,3-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichlorodifluoromethane	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichloropropane, 1,3-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichloropropane, 2,2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichloropropene, 1,1-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichloropropene, 1,3-cis-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichloropropene, 1,3-trans-	3.0	0.0	0.0	0.0	--	--	--	--	--
Hexachlorobutadiene	3.0	0.0	0.0	0.0	--	--	--	--	--
Methyl Isobutyl Ketone	3.0	0.0	0.0	0.0	--	--	--	--	--
Methyl tert-Butyl Ether	3.0	0.0	0.0	0.0	--	--	--	--	--
Propyl benzene	3.0	0.0	0.0	0.0	--	--	--	--	--
Tetrachloroethane, 1,1,1,2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Trichlorobenzene, 1,2,3-	3.0	0.0	0.0	0.0	--	--	--	--	--
Trichlorobenzene, 1,2,4-	3.0	0.0	0.0	0.0	--	--	--	--	--

Table 9-3: Constituents of Potential Concern in Surface Water Based on Comparing Surface Water Concentrations to Drinking Water Values

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (µg/L)	Location of Maximum Detection	Groundwater Method B Carcinogen (µg/L)	Groundwater Method B Non-carcinogen (µg/L)	MTCA B Concentration (µg/L) ¹	Exceeds MTCA B?
Trichlorofluoromethane	3.0	0.0	0.0	0.0	--	--	--	--	--
Trichloropropane, 1,2,3-	3.0	0.0	0.0	0.0	--	--	--	--	--
Trimethylbenzene, 1,2,4-	3.0	0.0	0.0	0.0	--	--	--	--	--
Acetone	3.0	0.0	0.0	0.0	--	--	--	--	--
Benzene	3.0	0.0	0.0	0.0	--	--	--	--	--
Bromodichloromethane	3.0	0.0	0.0	0.0	--	--	--	--	--
Bromoform	3.0	0.0	0.0	0.0	--	--	--	--	--
Bromomethane	3.0	0.0	0.0	0.0	--	--	--	--	--
Carbon Tetrachloride	3.0	0.0	0.0	0.0	--	--	--	--	--
Chlorobenzene	3.0	0.0	0.0	0.0	--	--	--	--	--
Chloromethane	3.0	0.0	0.0	0.0	--	--	--	--	--
Dibromochloromethane	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichlorobenzene, 1,4-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichloroethane, 1,1-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichloroethane, 1,2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichloroethylene, 1,1-	3.0	0.0	0.0	0.0	--	--	--	--	--
Dichloropropane, 1,2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Ethyl Chloride	3.0	0.0	0.0	0.0	--	--	--	--	--
Ethylbenzene	3.0	0.0	0.0	0.0	--	--	--	--	--
Hexanone, 2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Methylene Chloride	3.0	0.0	0.0	0.0	--	--	--	--	--
Styrene	3.0	0.0	0.0	0.0	--	--	--	--	--
Tetrachloroethane, 1,1,2,2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Toluene	3.0	0.0	0.0	0.0	--	--	--	--	--

Table 9-3: Constituents of Potential Concern in Surface Water Based on Comparing Surface Water Concentrations to Drinking Water Values

Constituent	Number of Samples	Number of Detected Samples	Detection Frequency (%)	Maximum Detection (µg/L)	Location of Maximum Detection	Groundwater Method B Carcinogen (µg/L)	Groundwater Method B Non-carcinogen (µg/L)	MTCA B Concentration (µg/L) ¹	Exceeds MTCA B?
Trichloroethane, 1,1,1-	3.0	0.0	0.0	0.0	--	--	--	--	--
Trichloroethane, 1,1,2-	3.0	0.0	0.0	0.0	--	--	--	--	--
Xylene, m&p-	3.0	0.0	0.0	0.0	--	--	--	--	--
Xylene, o-	3.0	0.0	0.0	0.0	--	--	--	--	--
Xylenes	3.0	0.0	0.0	0.0	--	--	--	--	--

Notes:

CLARC: Cleanup Levels and Risk Calculation

MTCA: Model Toxics Control Act

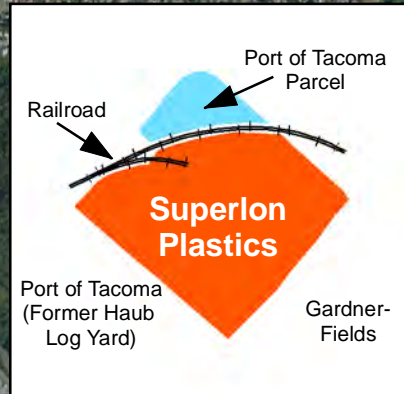
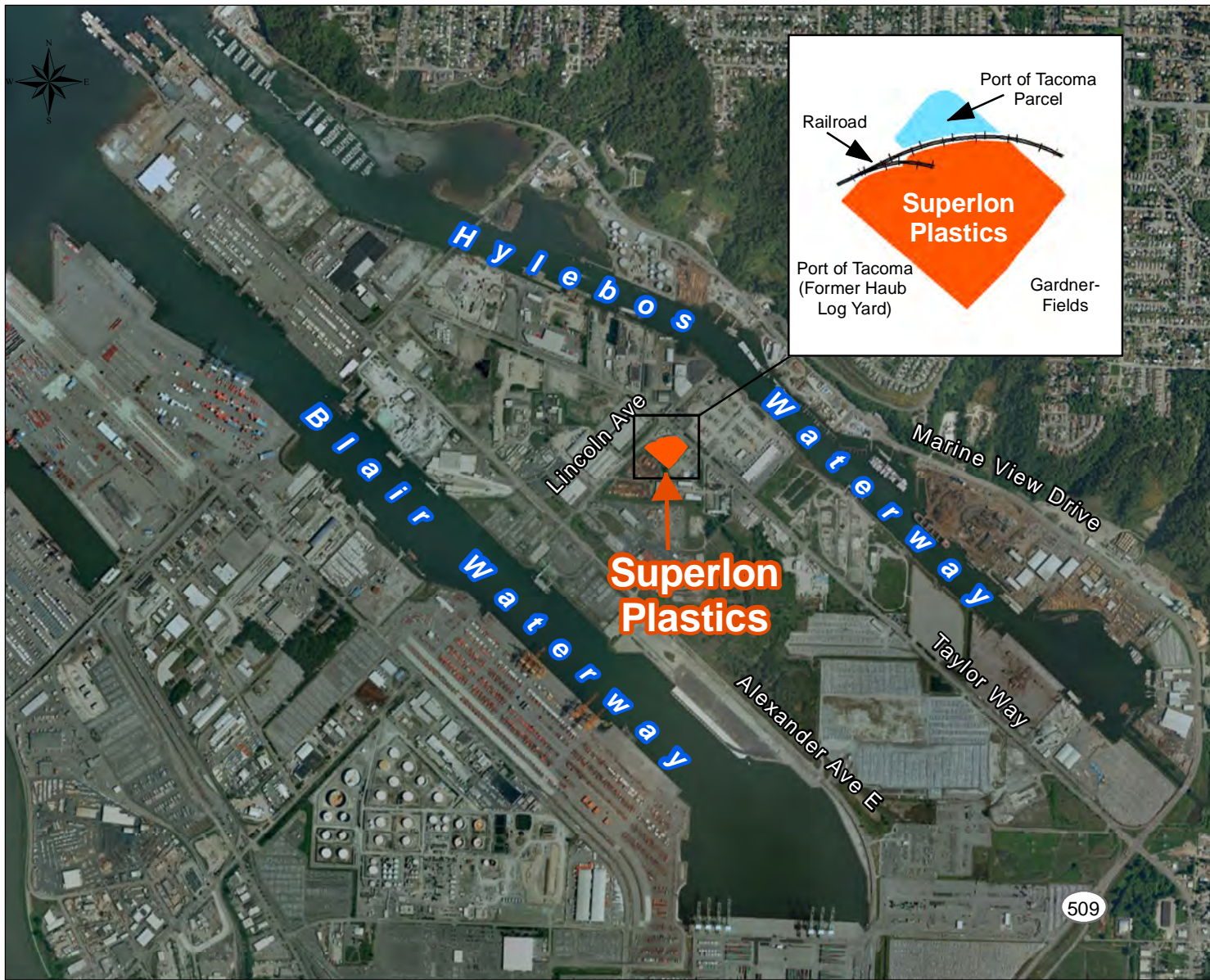
TPH: Total Petroleum Hydrocarbons

¹MTCA Values were obtained from the CLARC database. The lower of the Cancer and Noncancer Method B Value was used as the 'MTCA B Concentration'.

²If no MTCA Method B Value was available, the MTCA Method A Value was used.

Figures

This page has been left blank intentionally to allow for
double-sided printing.



Legend

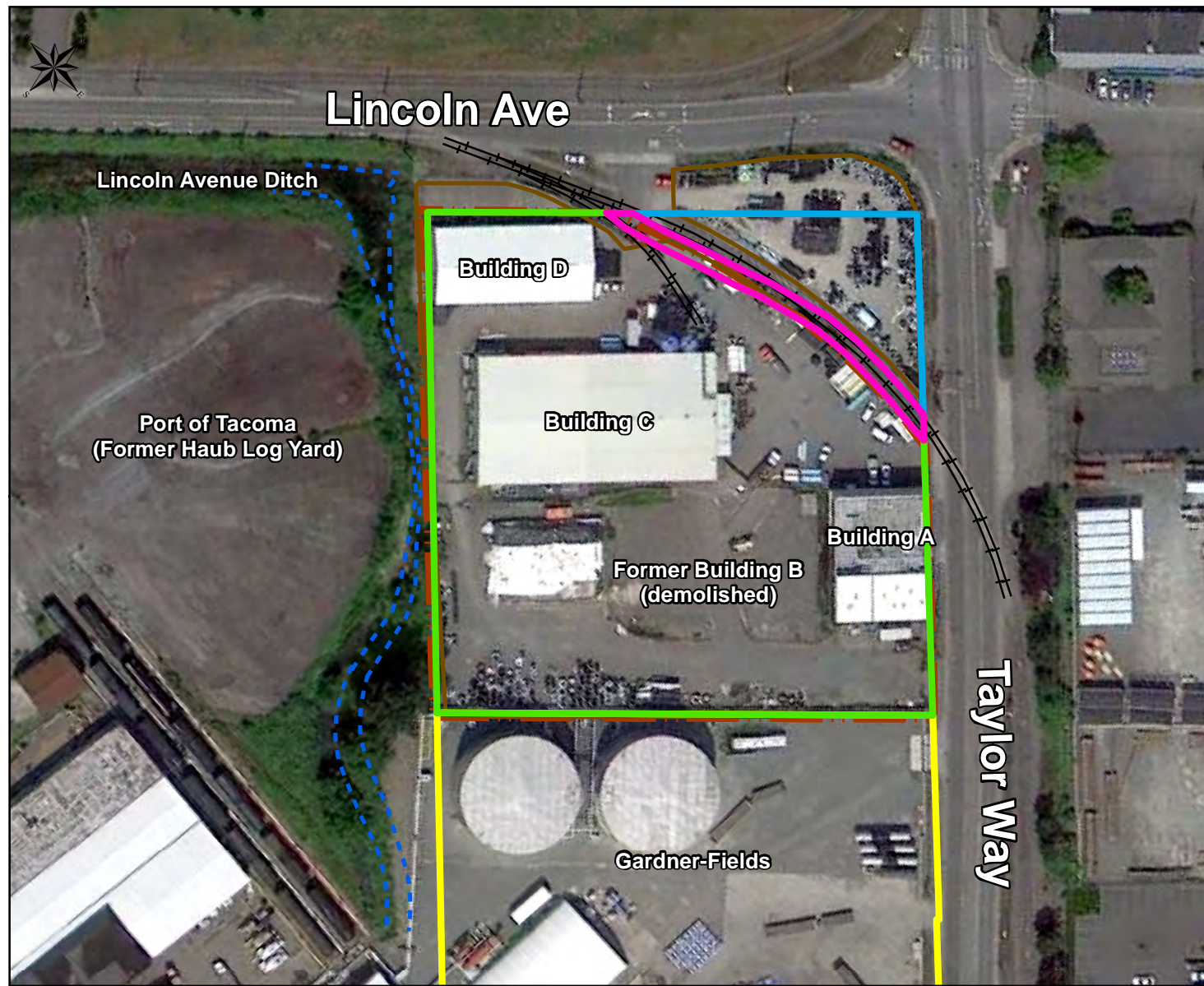
 Superlon Plastics Site



Site Location
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

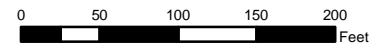
Figure 2-1

This page has been left blank intentionally to allow for double-sided printing.



Legend

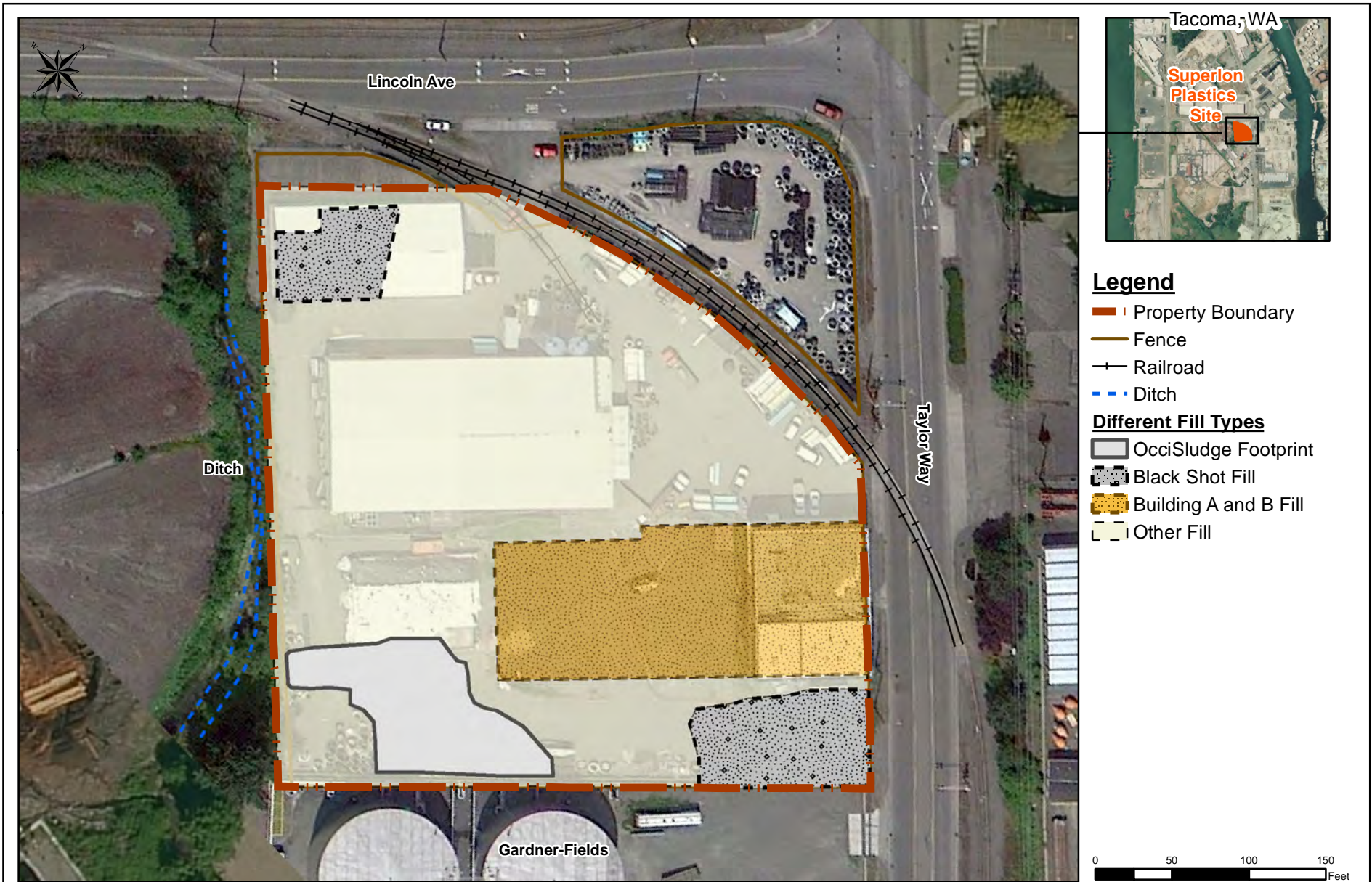
- +— Railroad
- Fence
- - - Ditch
- | — Property Boundary
- Tax Parcel Boundaries
- ▭ Parcel A
- ▭ Parcel B
- ▭ Parcel C
- ▭ Parcel D



Site Features
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 4-1

This page has been left blank intentionally to allow for double-sided printing.



Different Types of Imported Fill on the Superlon Property
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

Figure 4-2

This page has been left blank intentionally to allow for
double-sided printing.

County: **Pierce County, WA**

Boring No: **SL-1**

Surface Elevation: **10 Ft -MSL** Completion Depth: **60 Feet**

Date: Start: **August 10, 2010** Finish: **August 10, 2010**

Site Name: **Superlon Plastics**
2116 Taylor Way
Tacoma, Washington

Latitude: **47° 16.209'** Longitude: **122° 23.043'**

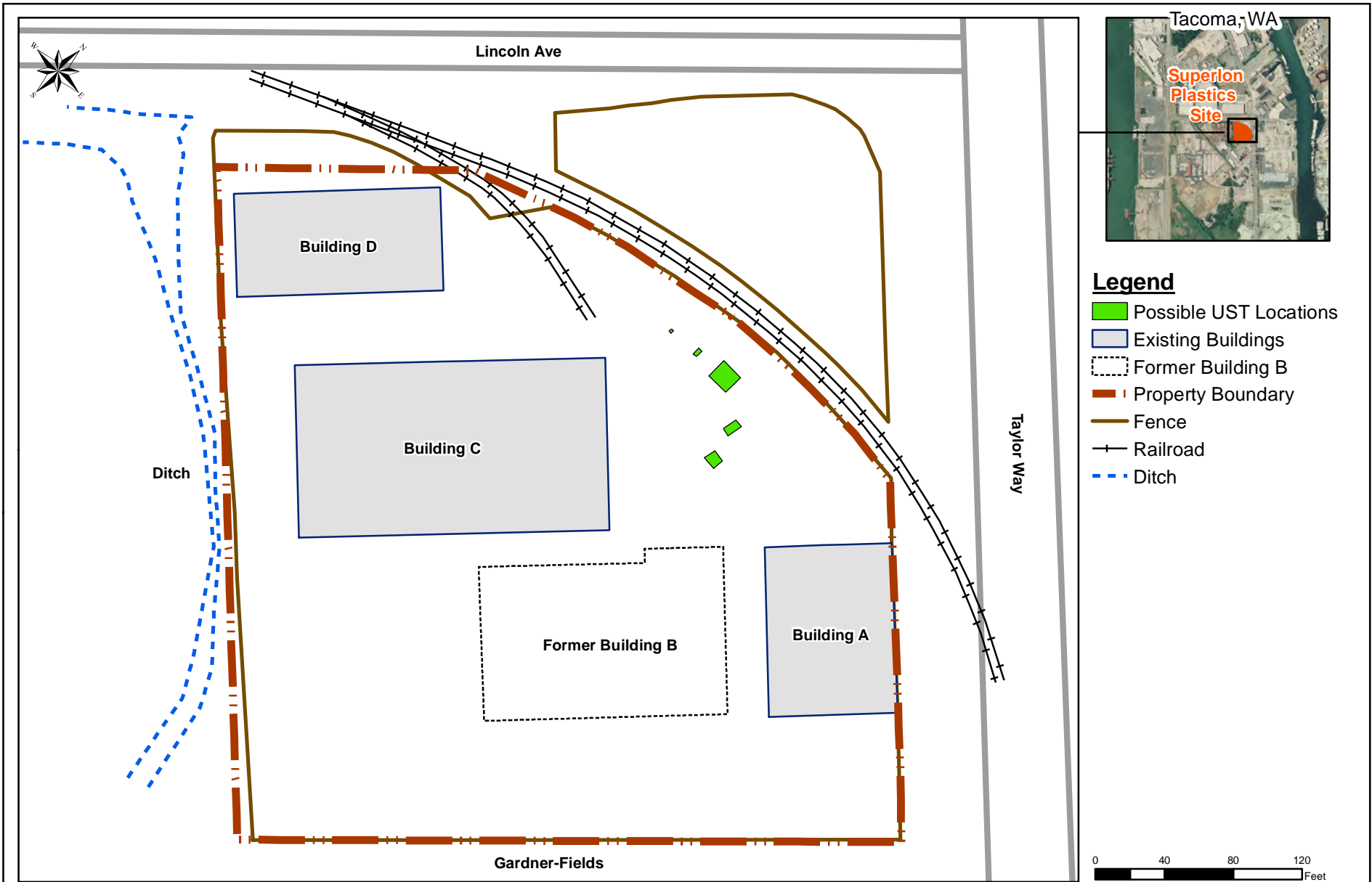
Boring Location: **Approx. 200 feet to NE of SE Corner of Main Bldg**

Drilling Equipment: **Geoprobe**

Elev., 10 Ft.	Description of Geoprobe Push Core Recovered	Depth (Ft.)	Dominant Lithology Log	SAMPLES					Personnel	REMARKS
				Sample No.	Sample Type	Sample Recovery (%)	Penetrometer	N Values (Blow Counts)	OVA or HNU Readings	
5 Ft.	Core 1 --- Gravel, mixed olive gray (5Y 3/2) to light olive gray (5Y 5/2), angular to rounded. About 8 inches in thickness. Core 1A --- 0 to 6" Gravel, 1" red-brown wood frags., 1" clay (5R 3/4), 1" zone of unknown (10YR 5/6) Sand, clayey, medium light gray (N6), fine grained, well sorted to bottom of sample.	5	Recent Fill Material		Core 1 & Core 1A	50% -1A 50 %				Multiple layers of fill in this zone. A 6" interval of blocky cement, see Core Photo 1582. Old Wood at base of core and top of following core that plugged because of it. See Core Photos 1581 and 1609 (close up). Other fill material, see 1613, 1614, and 1615. Total core photo at 1580. Note top Fill Material in core photo (bottom core tray).
MSL	Core 2 --- Sand, gray brown (5YR 3/2), fine grained, well sorted with thin medium-grained sand intervals of 1 inch and less. Core 2A --- Bottom of Core 1A and Core 2A with 90% in loss due to wood fragments from above plugging core barrel, 3 inches of Clay, sandy (5YR 3/2) at bottom.	5	Older Fill Material		Core 2 & Core 2A	10% -2A 15%			Transition zone from Fill Material to original sediments.	
-5 Ft.	Core 3 --- Clay, dark gray (N3 to N4), organic(?), isolated pebbles within dense clay, plastic (cut closes rapidly, 3 minutes).	10	Clay		Core 3	100%			Aquitard I 2" rounded pebble imbeded in Clay unit. No surrounding structures.	
-10 Ft.	Core 4 --- Sand, dark brown (5YR 2/1), fine grained, well sorted; 3 inches from top of core a zone of 5 inches of angular and well rounded pebbles, sharp contact with clay (N5-N6) below. Sand, dark brown, as above.	15	Sand		Core 4	90%			Sand Unit I 1.5" rounded pebble imbeded in Sand unit. No surrounding structures.	
-15 Ft.	Core 5 --- Clay, dark gray (N3 to N4), organic (?), very dense, breaks rather than bends, fine reddish filaments in clay.	20	Clay		Core 5	60%			Aquitard II	
-20 Ft.	Core 6 --- Sand, dark brown (5YR 3/2), fine grained, well sorted; with wood frags at top of core recovered (cavings?).	25	Sand		Core 6	70%			Major Sand II	
-25 Ft.	Core 7 --- Sand, as above. No wood frags.	30	Sand		Core 7	30%				
-30 Ft.	Core 8 --- Sand, as above.	35	Sand		Core 8	70%			Aquitard III	
-35 Ft.	Core 9 --- Sand, as above, with increase in grain size to medium-grained mixed with fine-grained sand, now poorly sorted, some clay-sized material as well. Clay plug at core bottom (N4-N5), dense.	40	Sand		Core 9	50%				
-40 Ft.	Core 10 --- Clay, dark gray (N4-N5), top 2.5 feet of core, underlain by Sand, fine grained, as above, but all fine grained (5YR 3/2), & well sorted.	45	Clay		Core 10	60%			Sand Unit III A 1.5" Clay ball in Sand unit. No surrounding structures. Aquitard IV	
-45 Ft.	Core 11 --- Sand, dark brown (5YR 3/2), fine grained, well sorted, over top 2 feet of core, sharp contact with Clay (N4-N5) dense over 1 foot becoming sandy clay to bottom. Scattered white fossil fragments.	50	Sand		Core 11	60%				
-50 Ft.	Core 12 --- Sand, darker brown than above, clayey grading to Sandy Clay with numerous fossil shell fragments over the 3 feet grading back to Sand, darker brown, fine grained, well sorted to bottom of recovered core.	55	Sand Sandy Clay Sand		Core 12	60%			Interbedded Sand & Clay Intervals	

Note: Because of less than 100% core recovery, the tops and bottoms of the lithologic units identified above are only approximations.

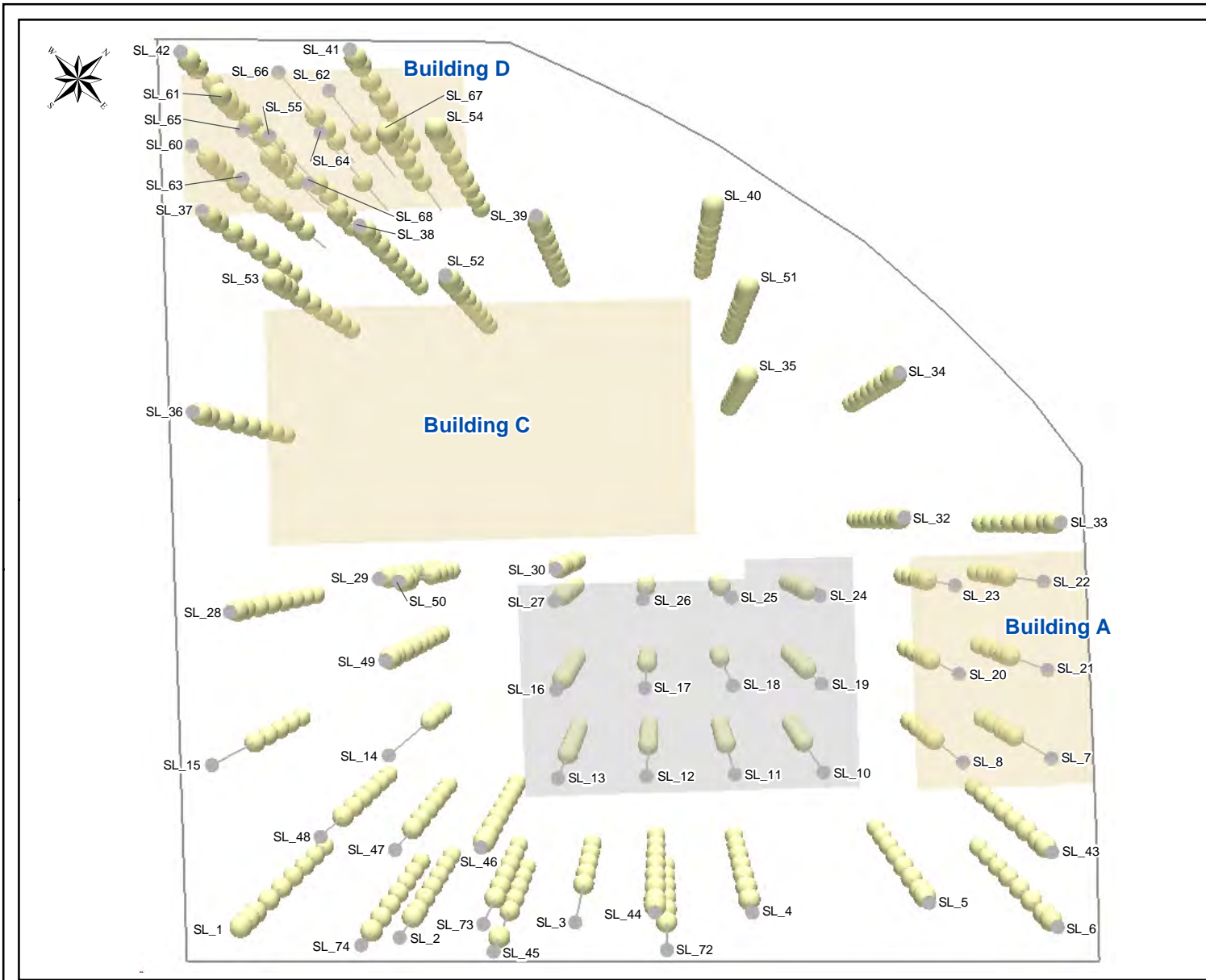
This page has been left blank intentionally to allow for double-sided printing.



Potential Underground Storage Tanks Locations
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

Figure 6-1

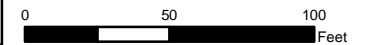
This page has been left blank intentionally to allow for
double-sided printing.



Legend

- Property Boundary
- Existing Buildings
- Former Building B
- Soil Sample Location

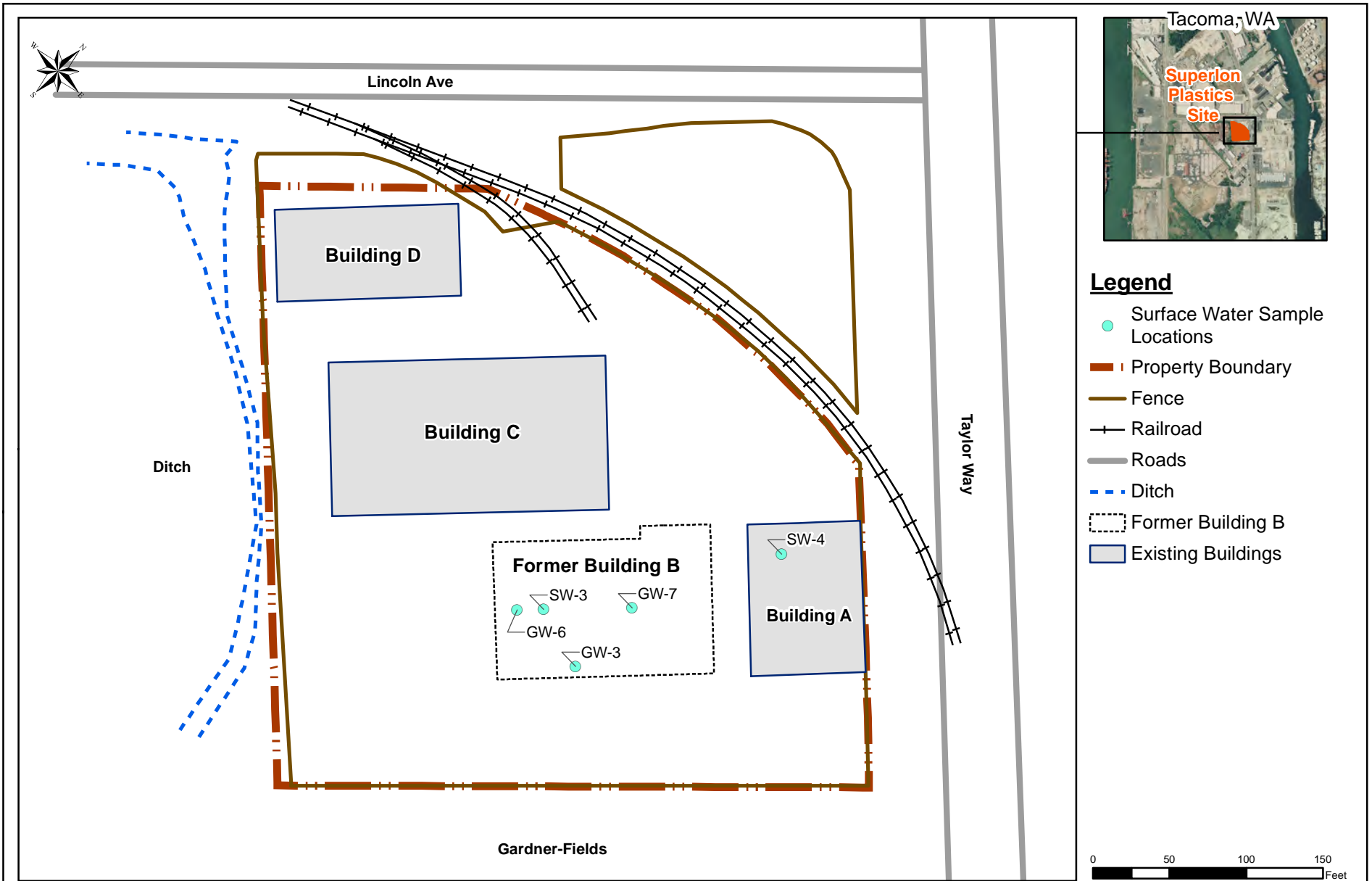
Notes:
Samples no longer in place as of December 2012 are not presented on this figure.
Visual Notes:
Vertical dimension is expanded by 15x to improve visibility. The transparent circle on top sample above each boring represents the boring's actual spatial location.



Soil Sample Locations
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

Figure 7-1

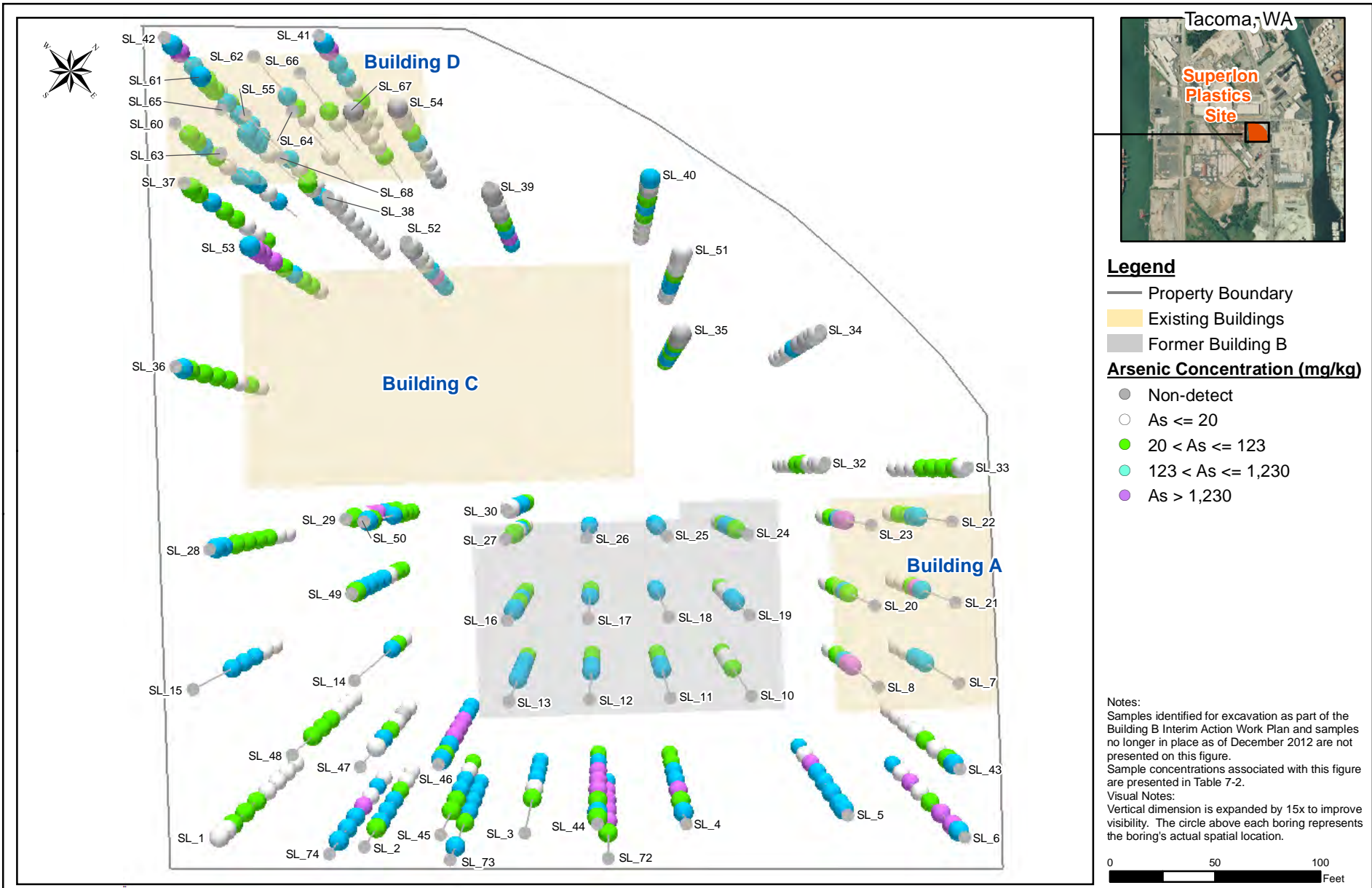
This page has been left blank intentionally to allow for
double-sided printing.



Surface Water Sample Locations
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

Figure 7-2

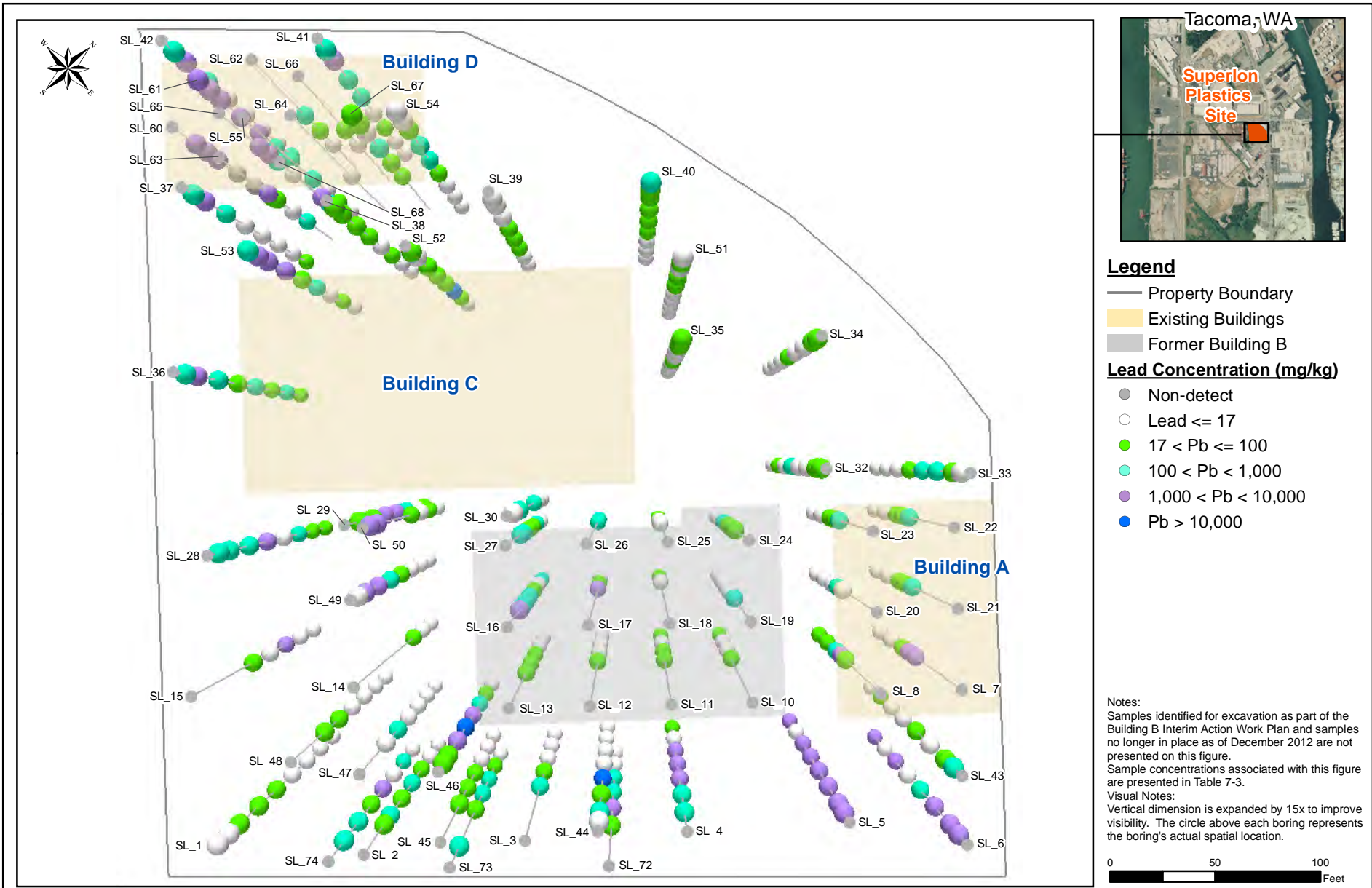
This page has been left blank intentionally to allow for double-sided printing.



Arsenic Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-3

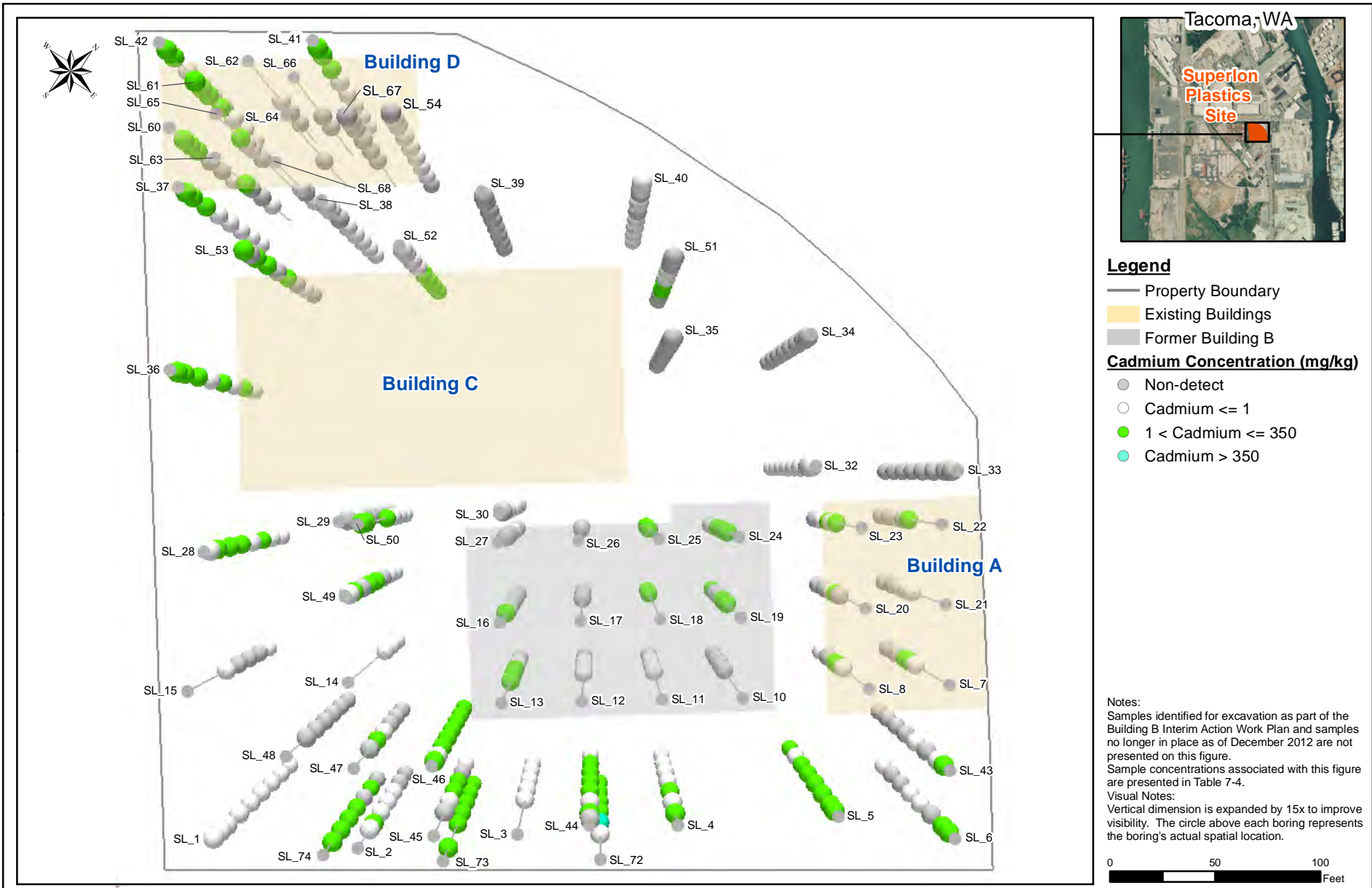
This page has been left blank intentionally to allow for
double-sided printing.



Lead Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-4

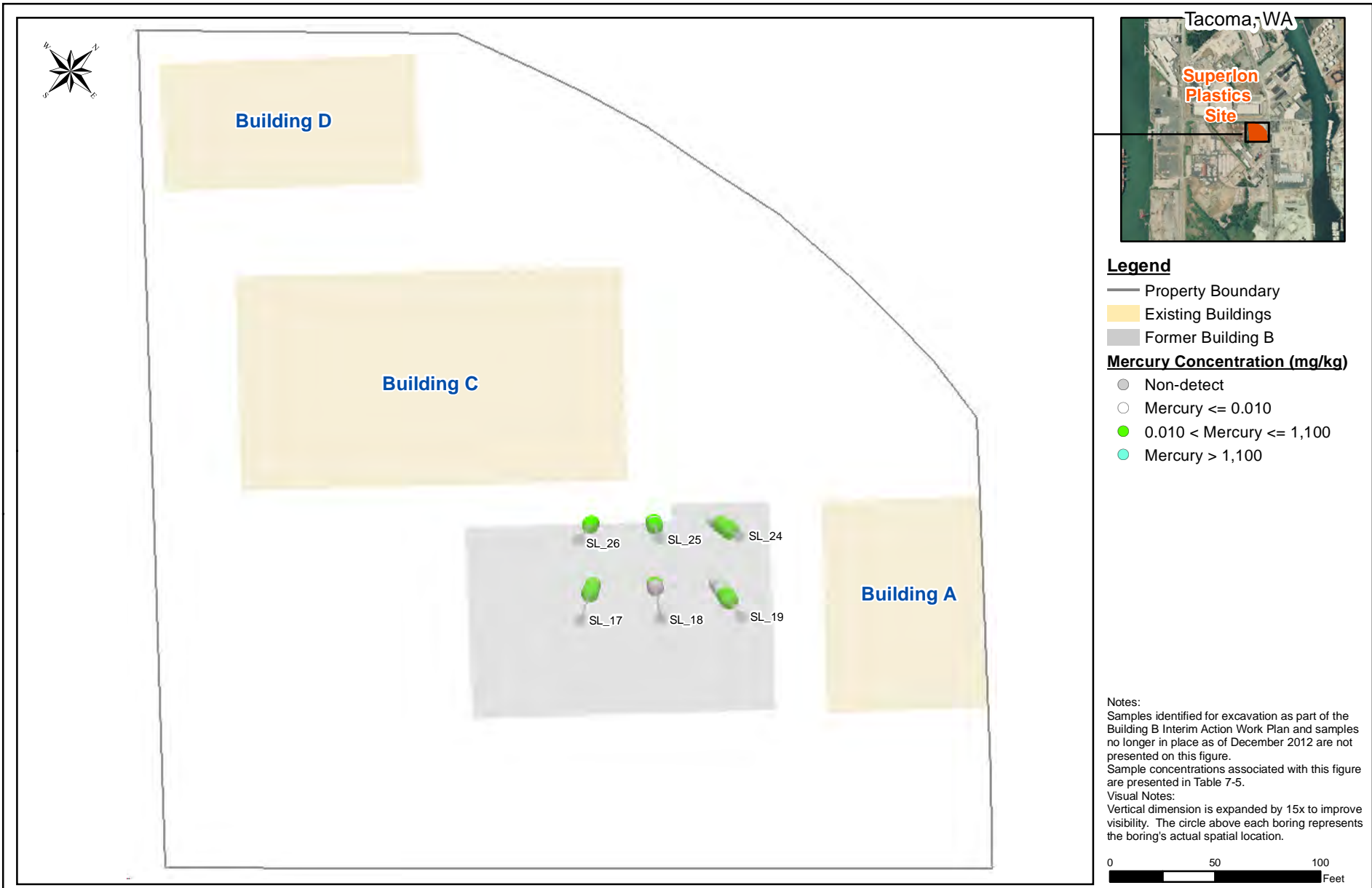
This page has been left blank intentionally to allow for double-sided printing.



Cadmium Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-5

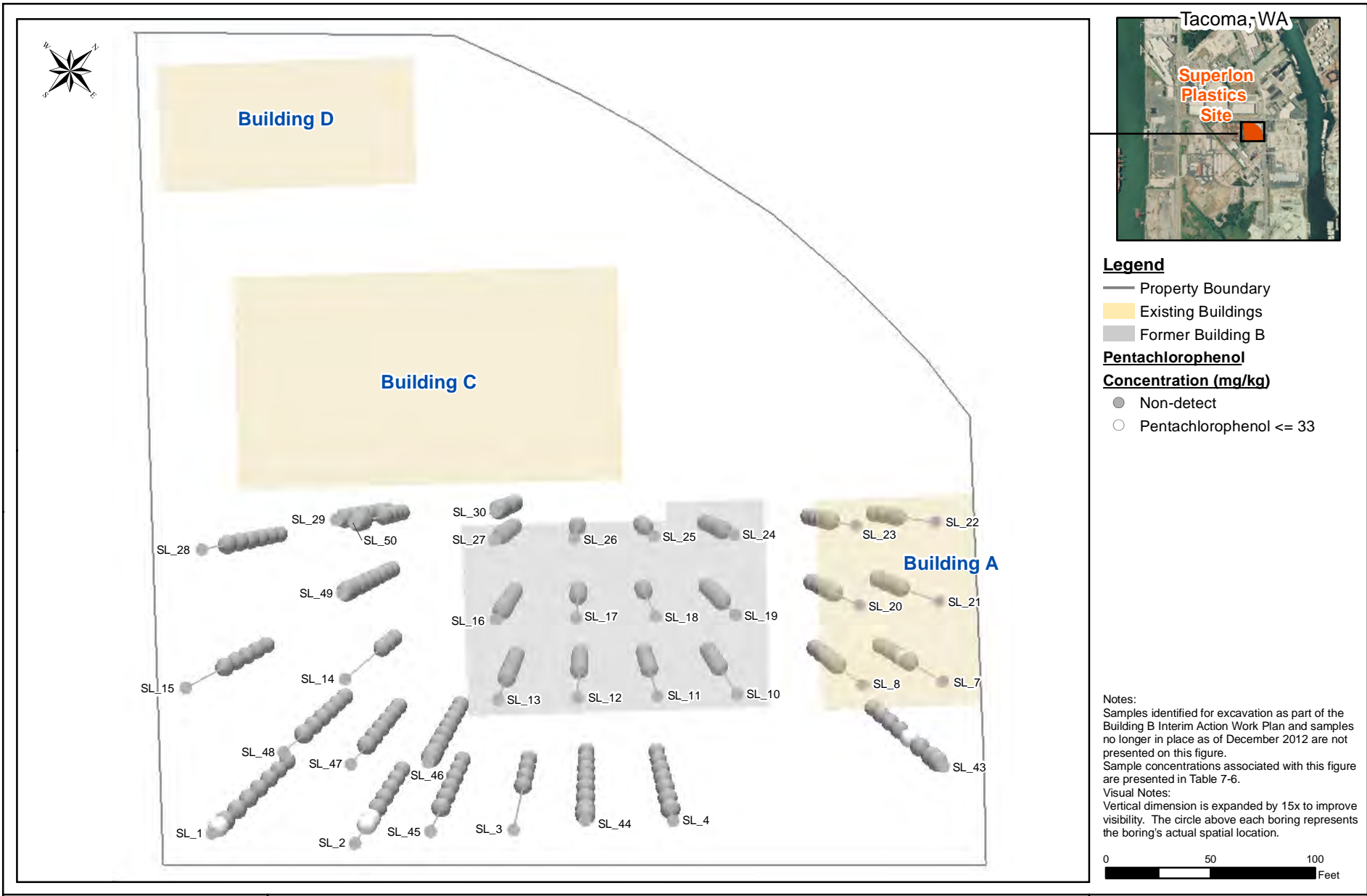
This page has been left blank intentionally to allow for
double-sided printing.



Mercury Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-6

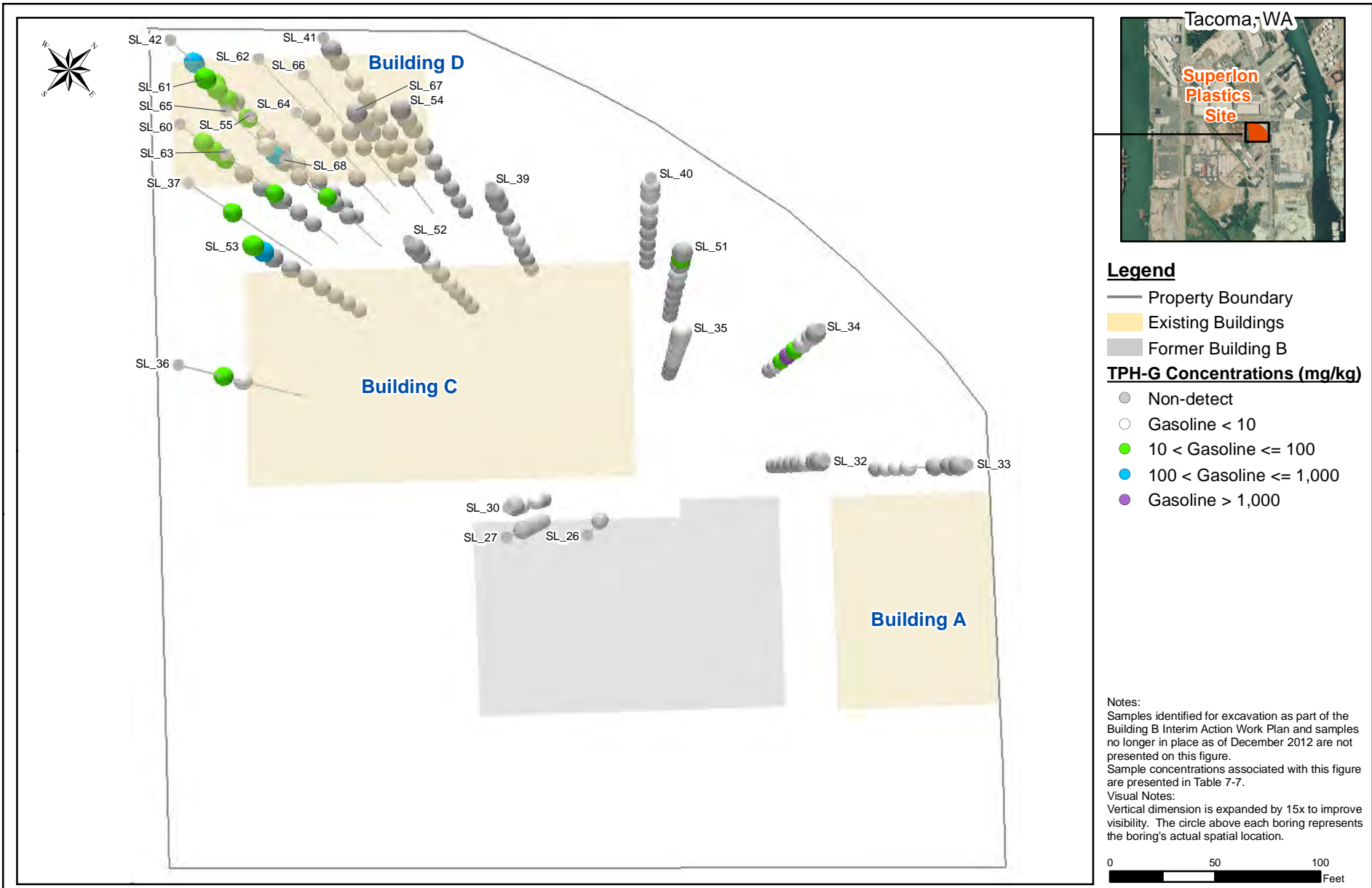
This page has been left blank intentionally to allow for double-sided printing.



Pentachlorophenol Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-7

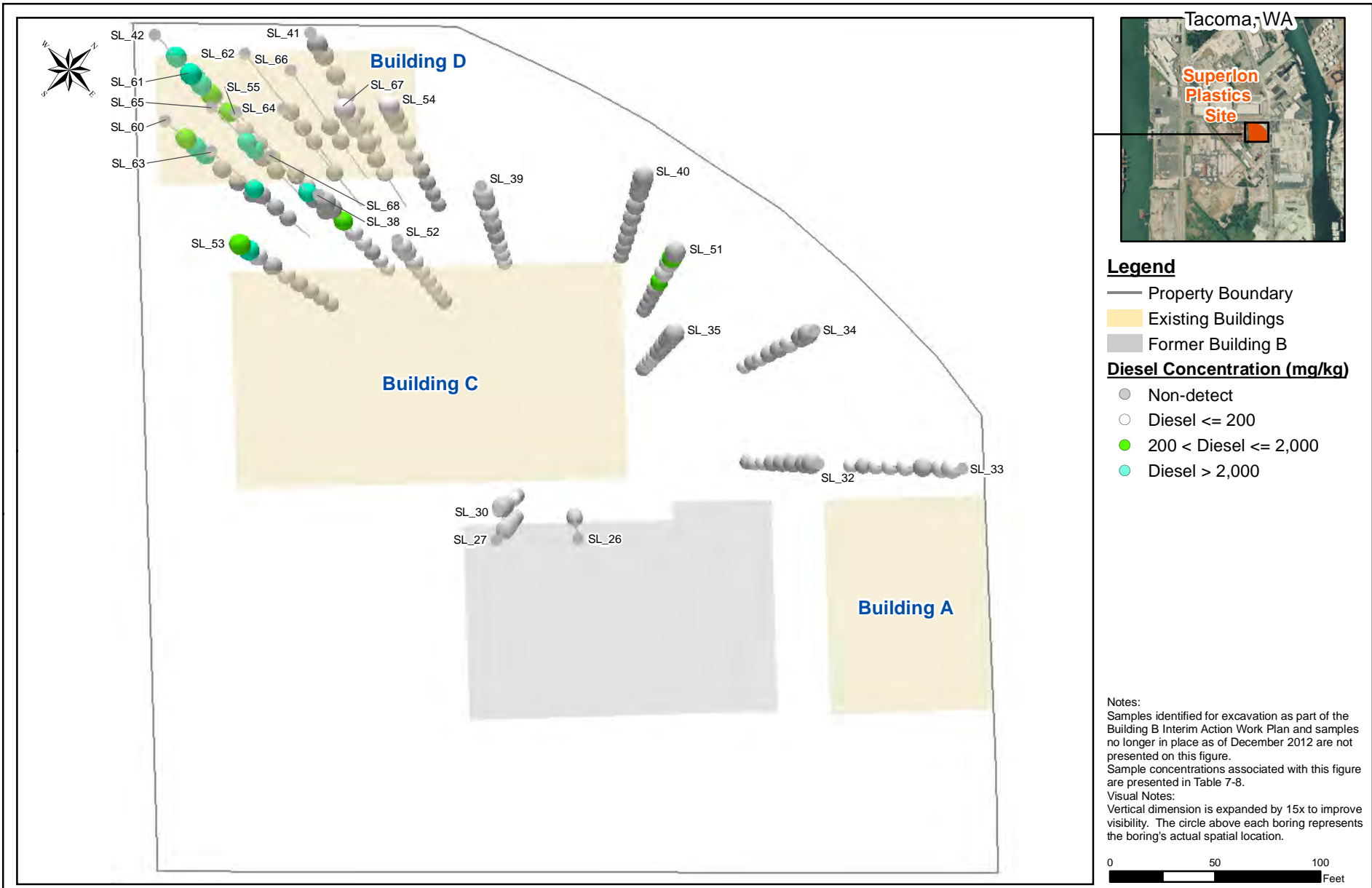
This page has been left blank intentionally to allow for
double-sided printing.



Gasoline (TPH-G) Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-8

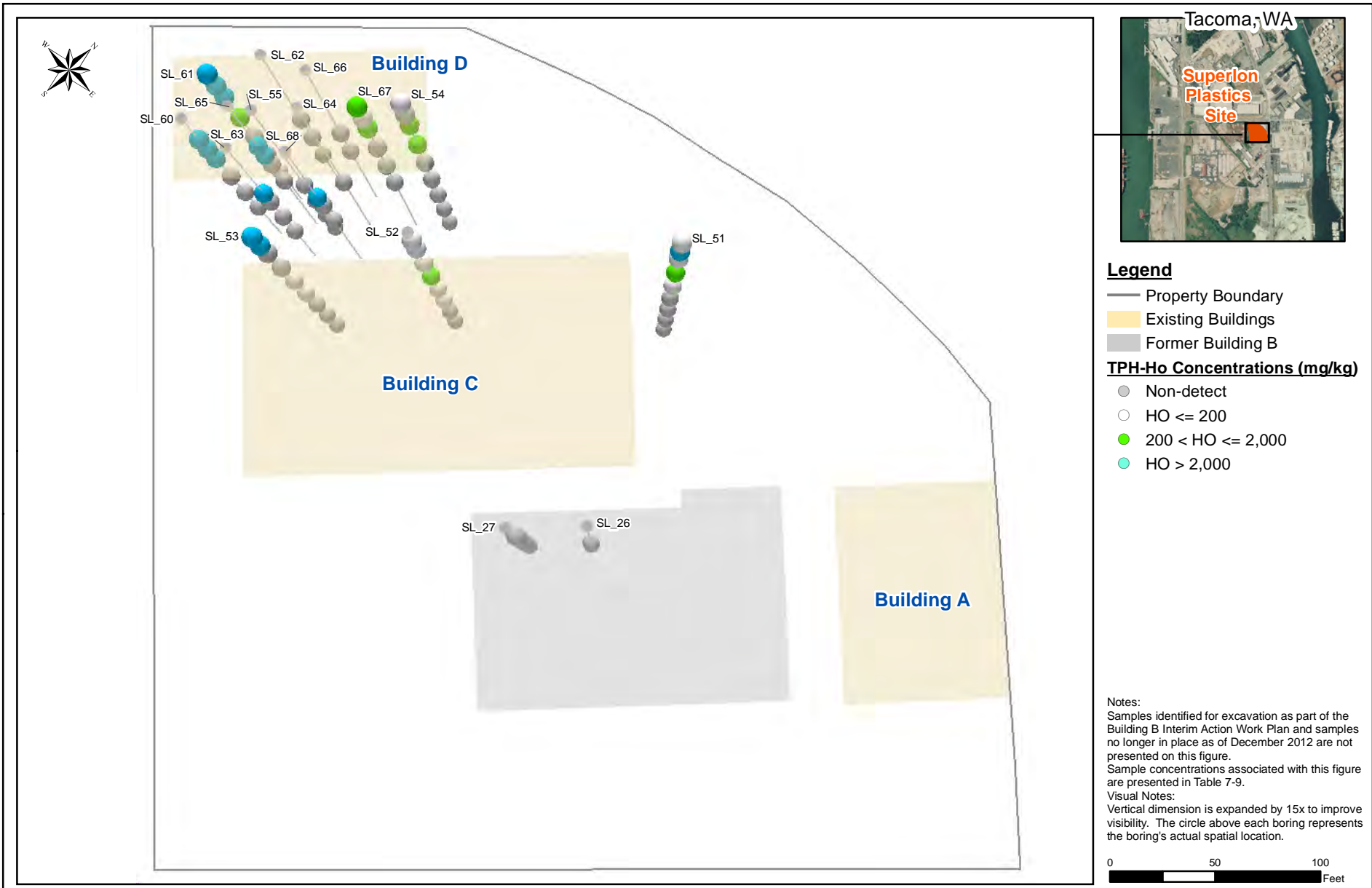
This page has been left blank intentionally to allow for double-sided printing.



Diesel (TPH-D) Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-9

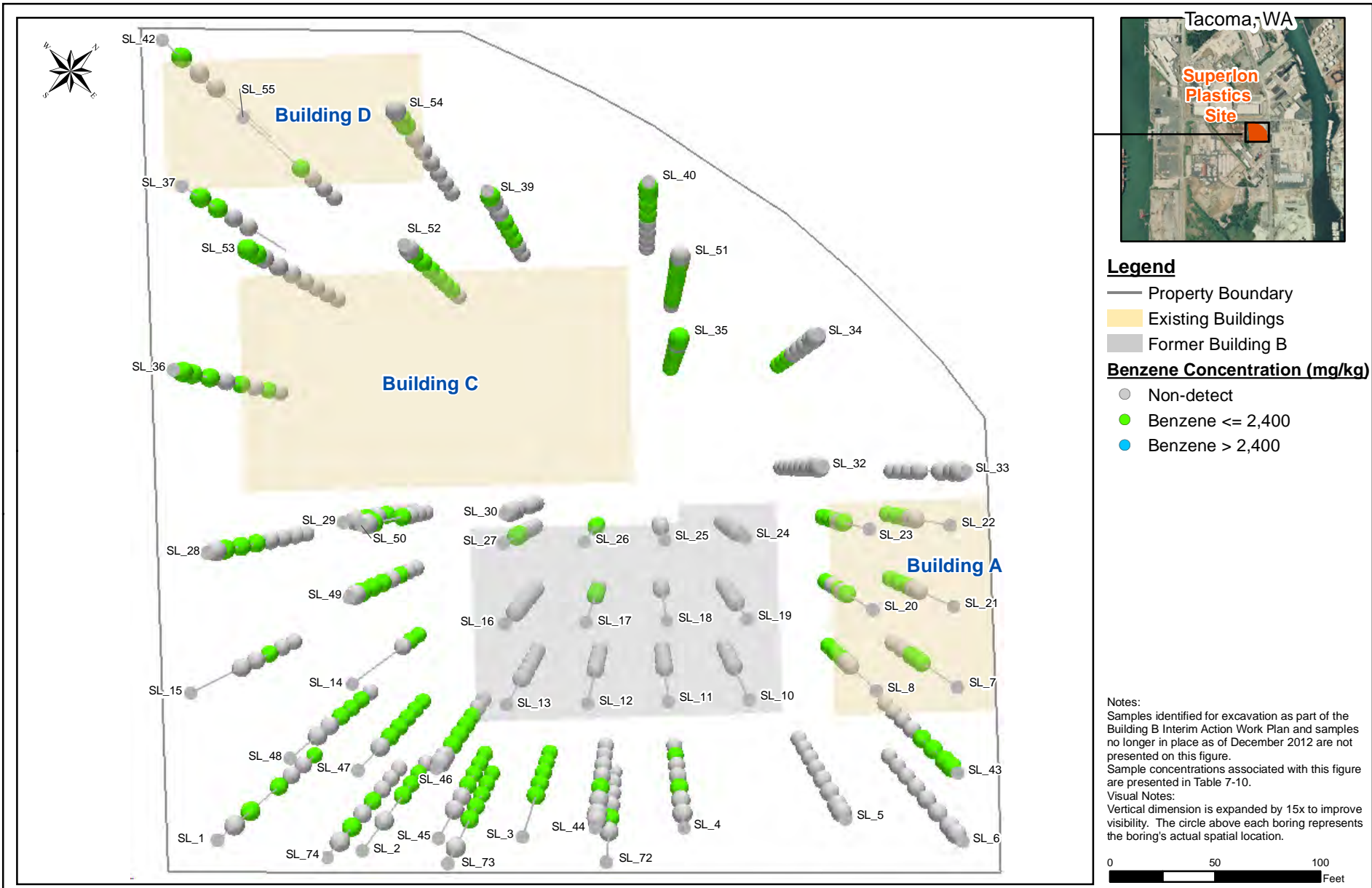
This page has been left blank intentionally to allow for double-sided printing.



Heavy Oil (TPH-Ho) Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-10

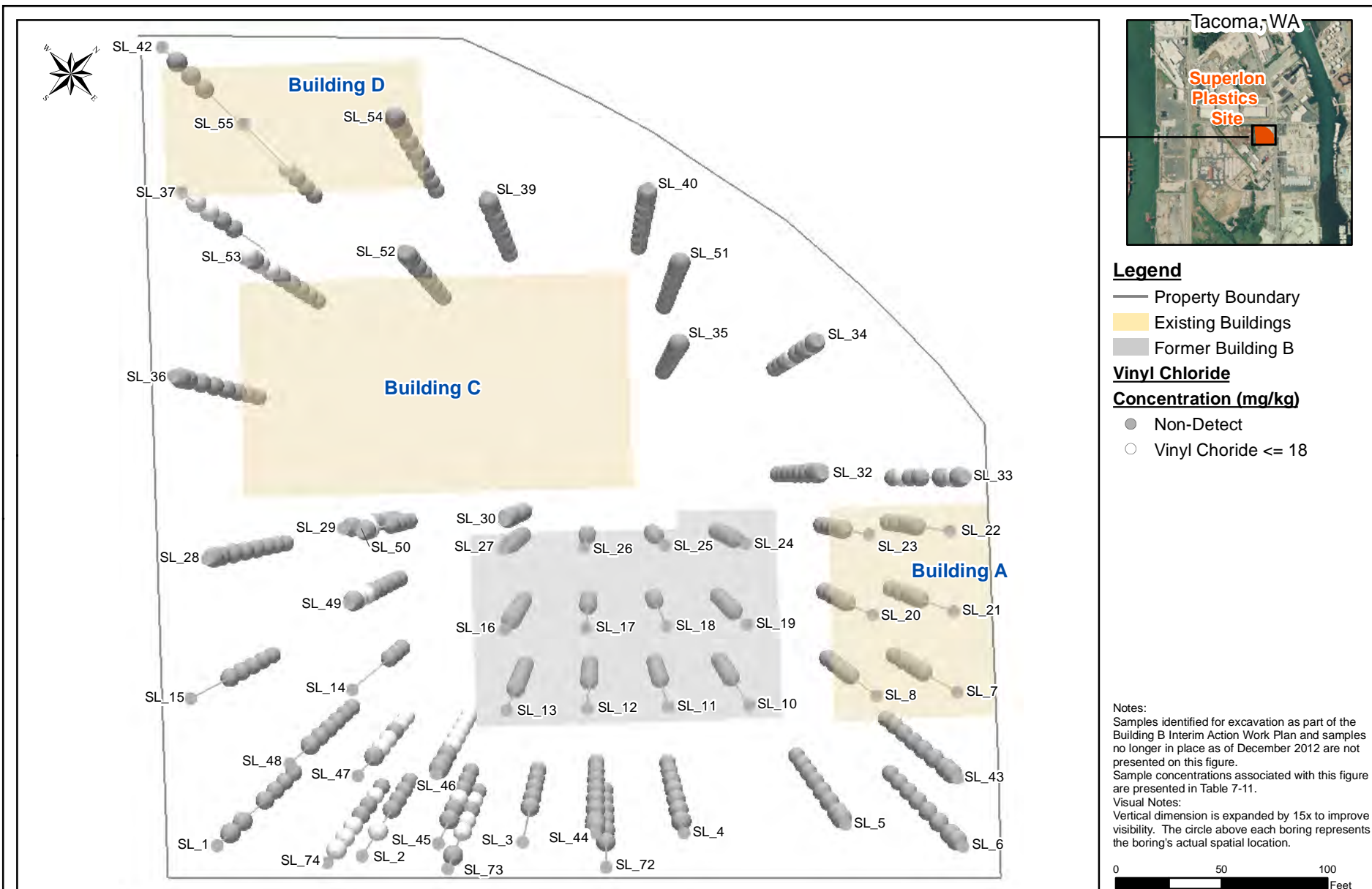
This page has been left blank intentionally to allow for
double-sided printing.



**Benzene Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington**

Figure 7-11

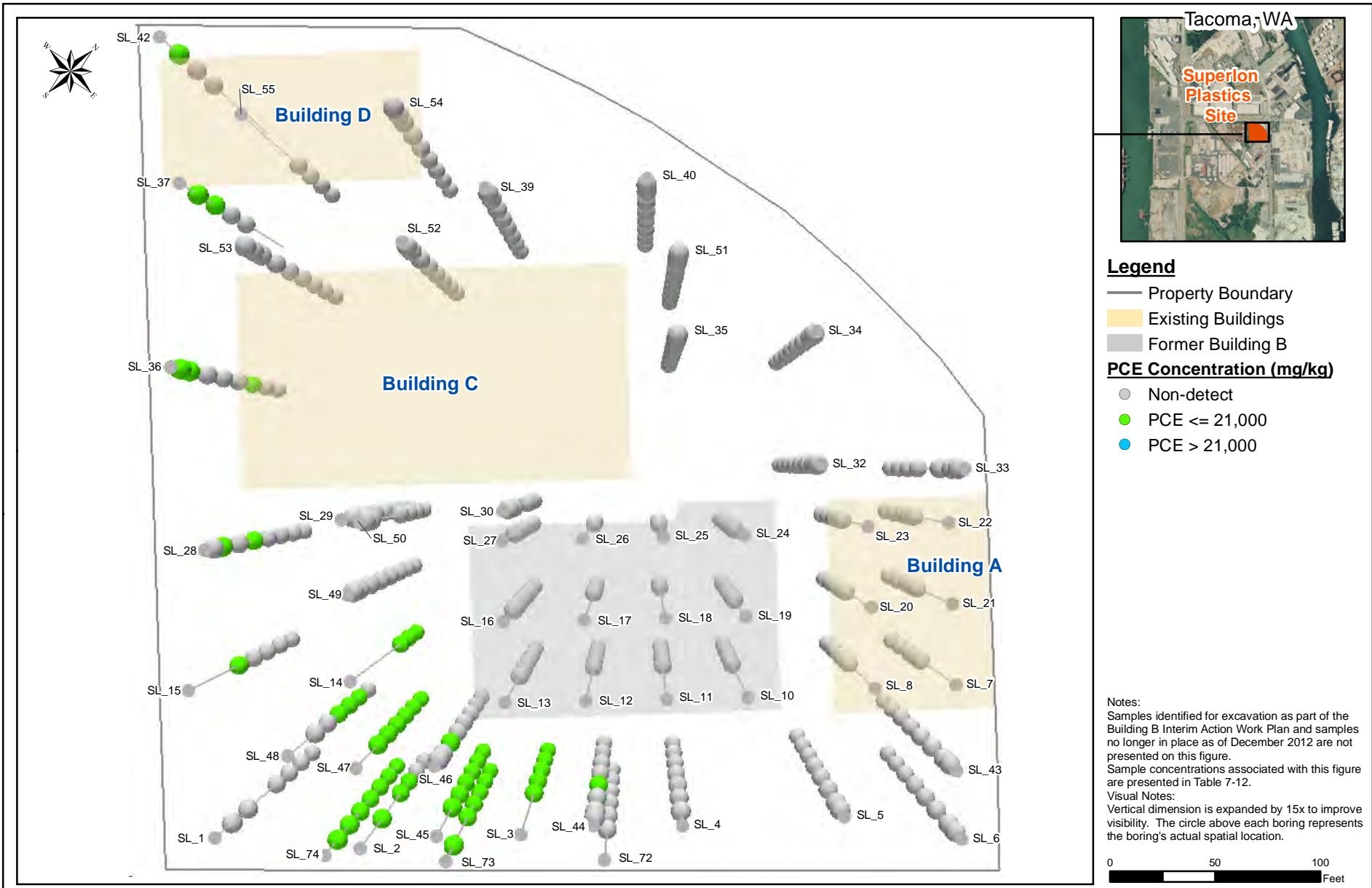
This page has been left blank intentionally to allow for double-sided printing.



Vinyl Chloride Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-12

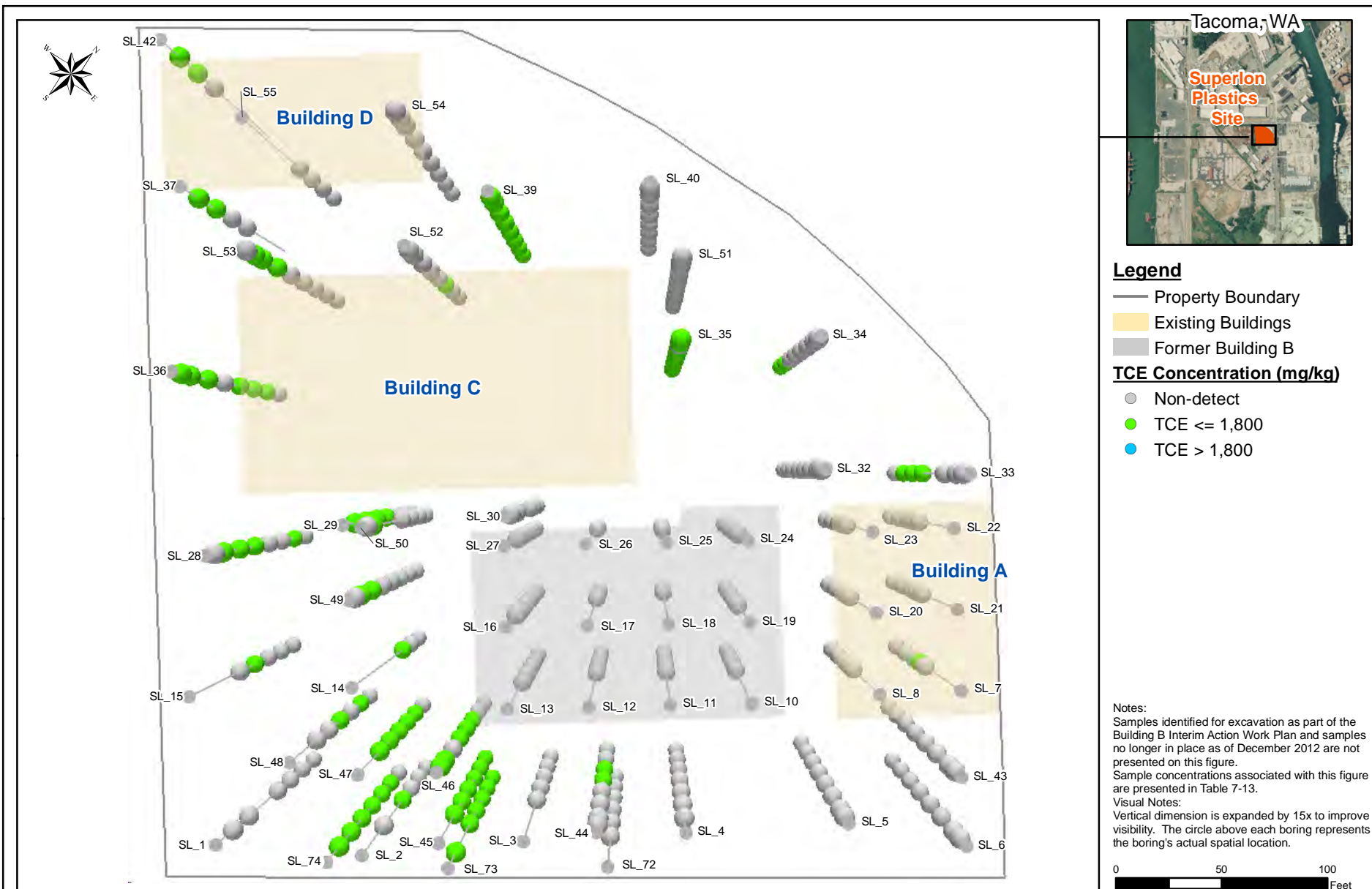
This page has been left blank intentionally to allow for double-sided printing.



Tetrachloroethylene Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-13

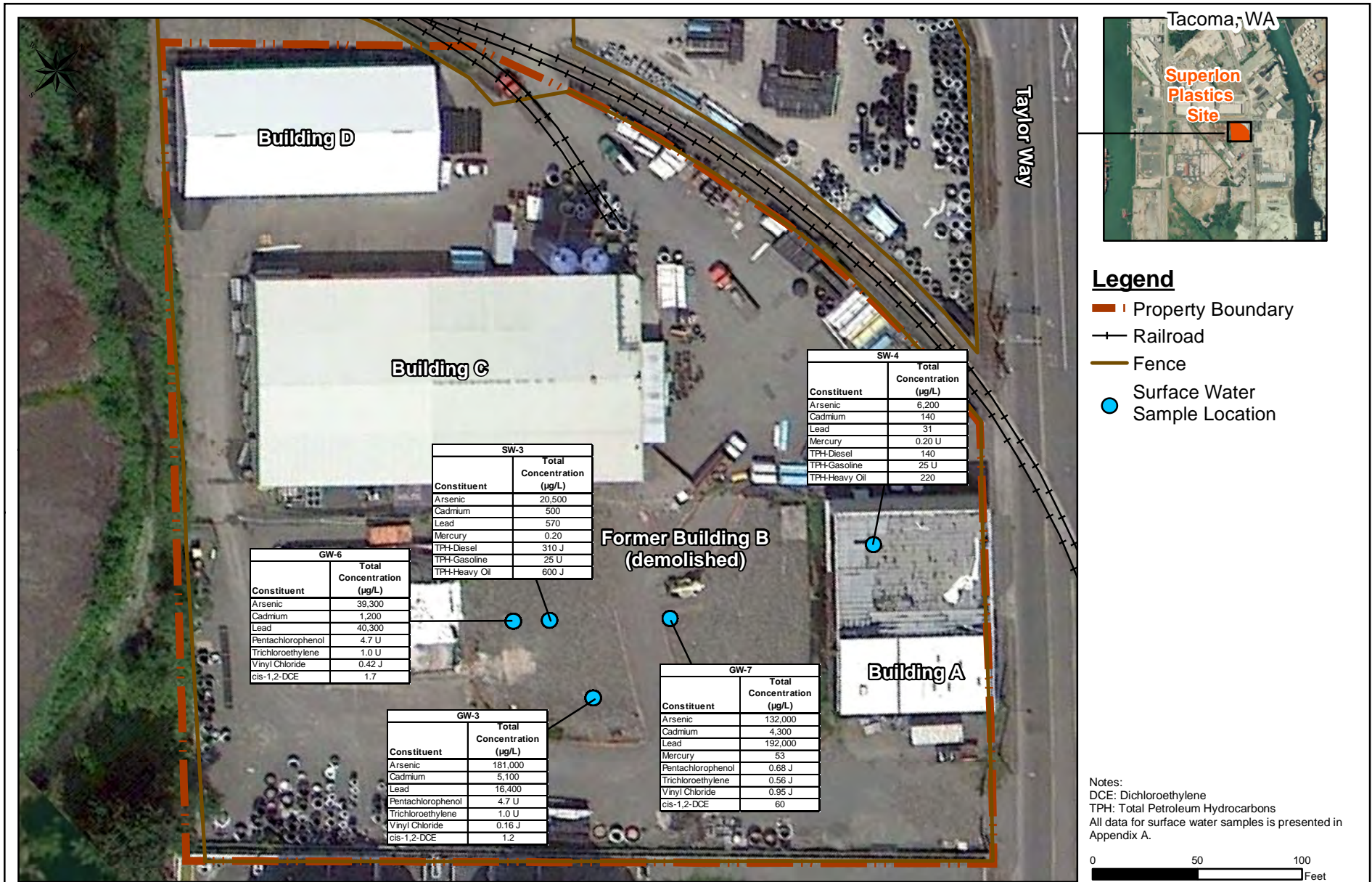
This page has been left blank intentionally to allow for
double-sided printing.



Trichloroethylene Concentrations in Soil
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-14

This page has been left blank intentionally to allow for
double-sided printing.



- Legend**
- Property Boundary
 - Railroad
 - Fence
 - Surface Water
 - Sample Location

Notes:
 DCE: Dichloroethylene
 TPH: Total Petroleum Hydrocarbons
 All data for surface water samples is presented in Appendix A.

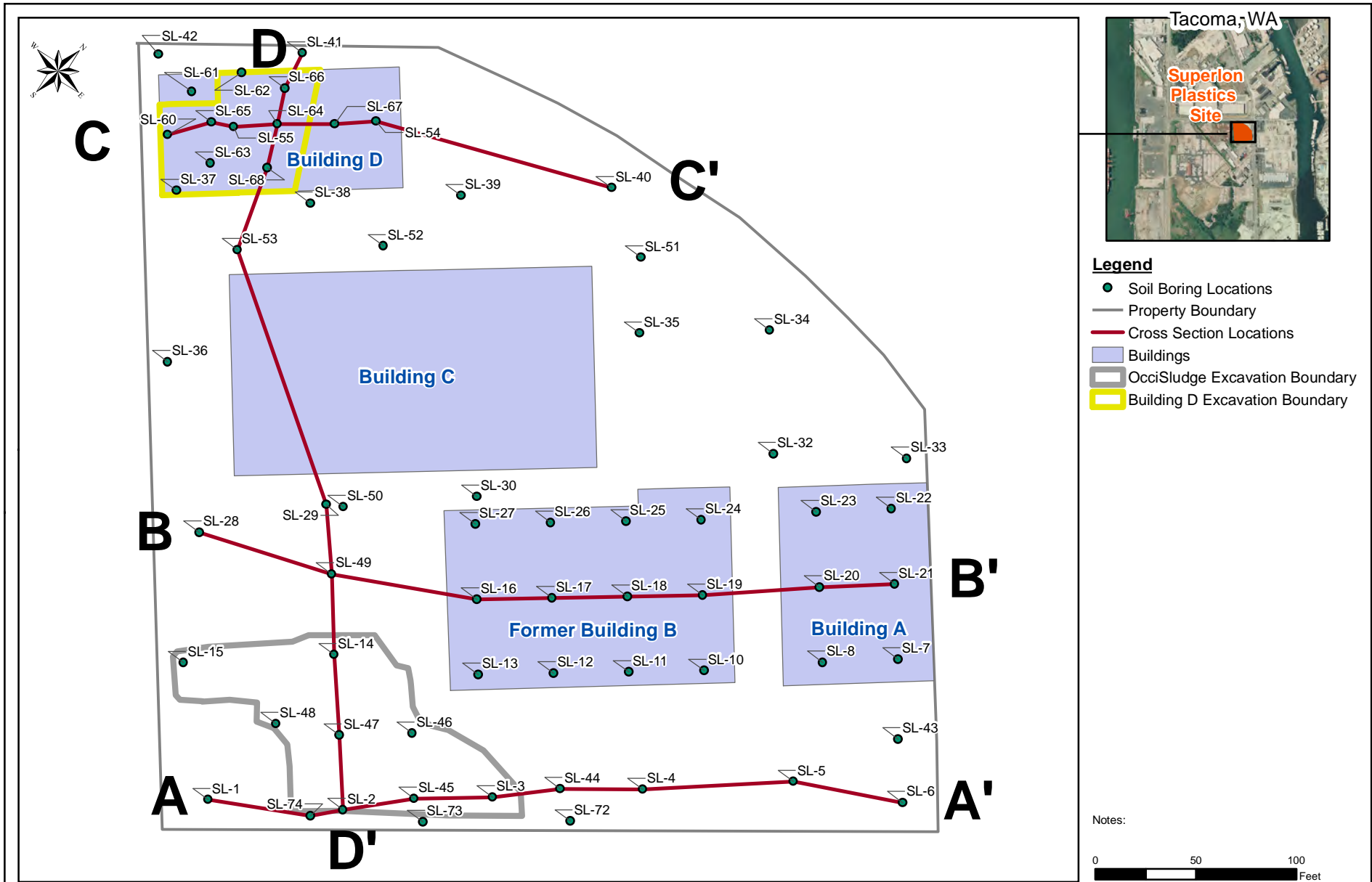
0 50 100 Feet



Constituents in Surface Water
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-15

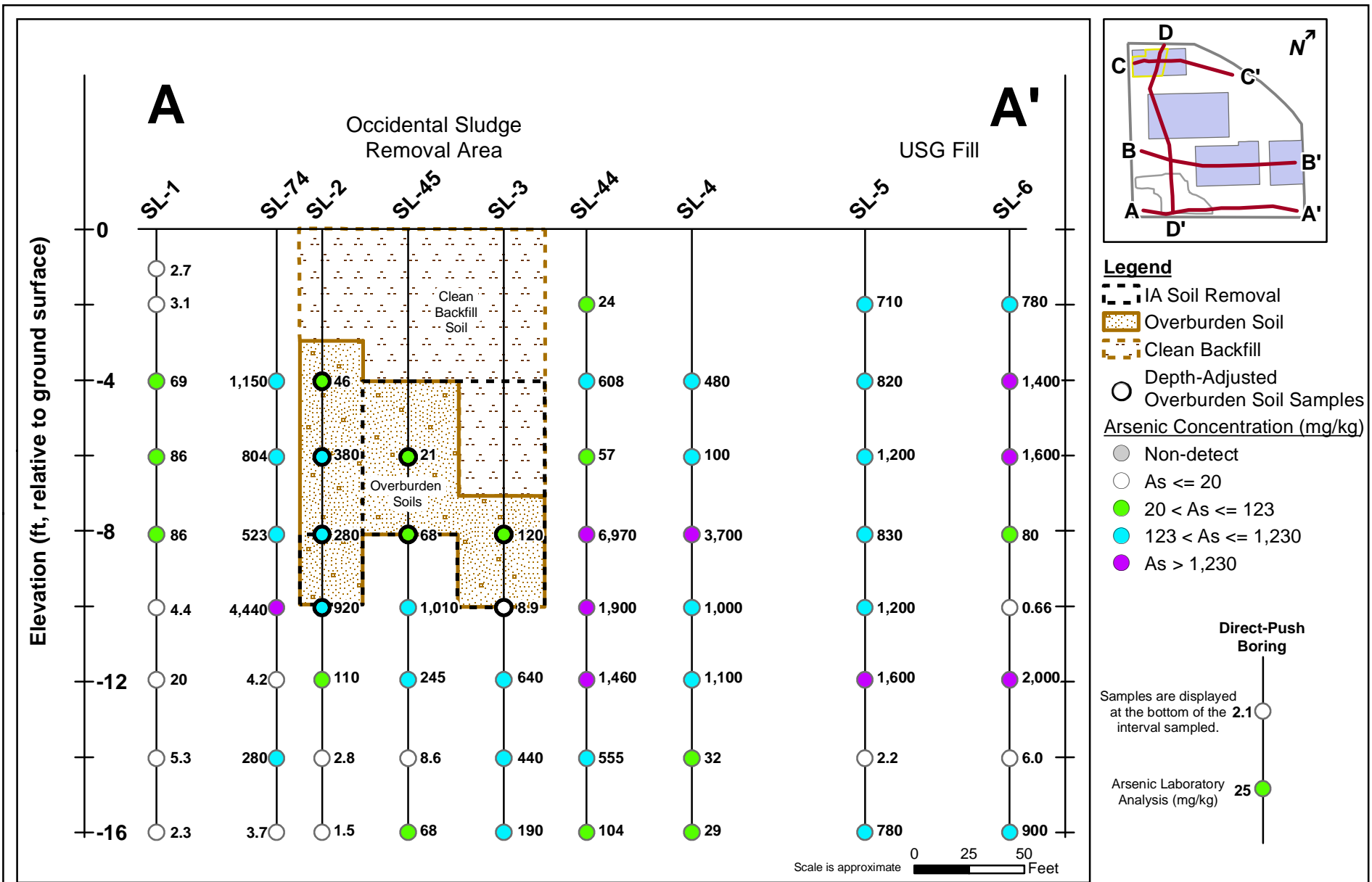
This page has been left blank intentionally to allow for
double-sided printing.



Cross-Section Locations
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

Figure 7-16

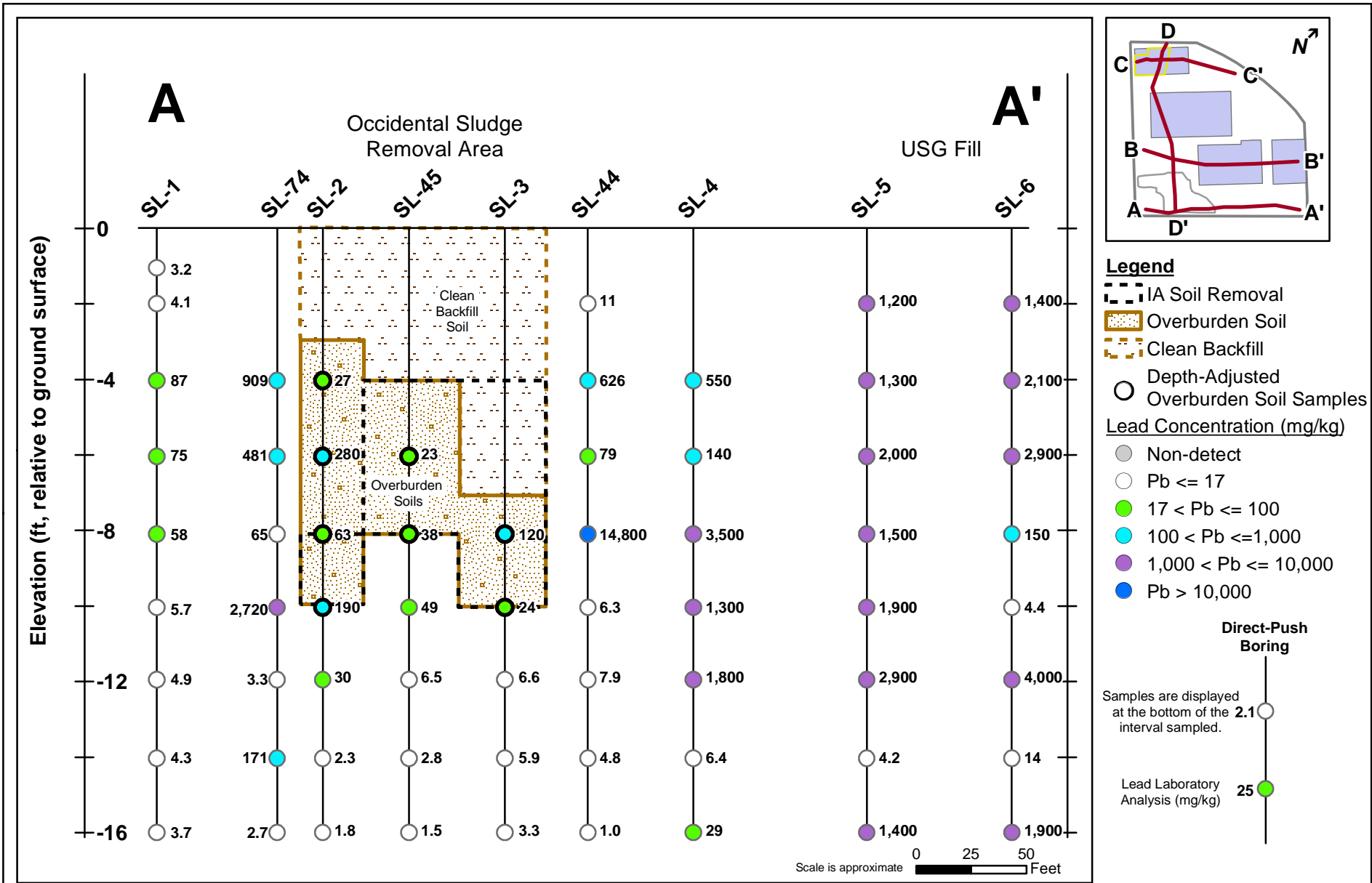
This page has been left blank intentionally to allow for
double-sided printing.



Arsenic Soil Cross-Section A-A'
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-17

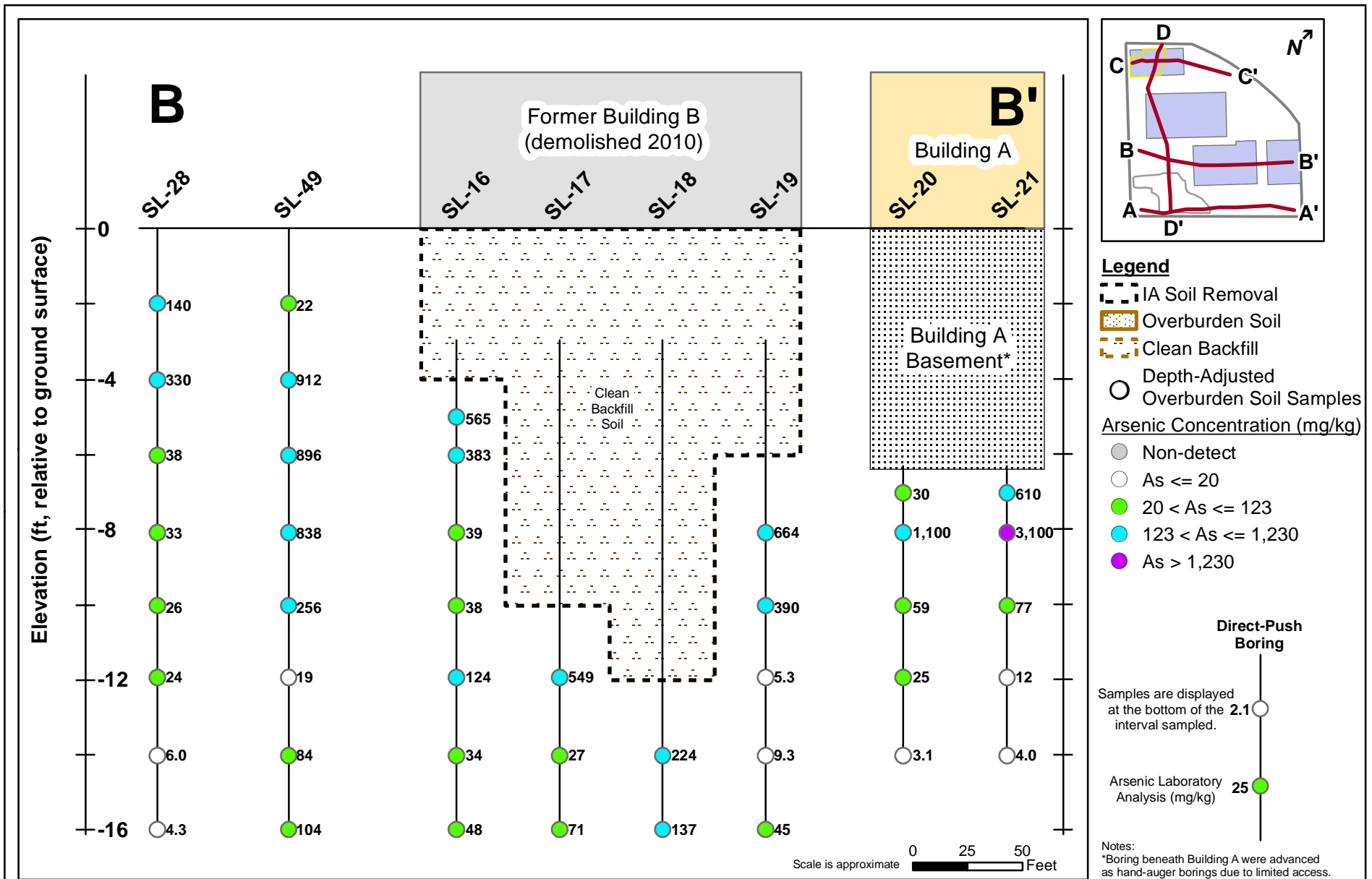
This page has been left blank intentionally to allow for double-sided printing.



Lead Soil Cross-Section A-A'
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-18

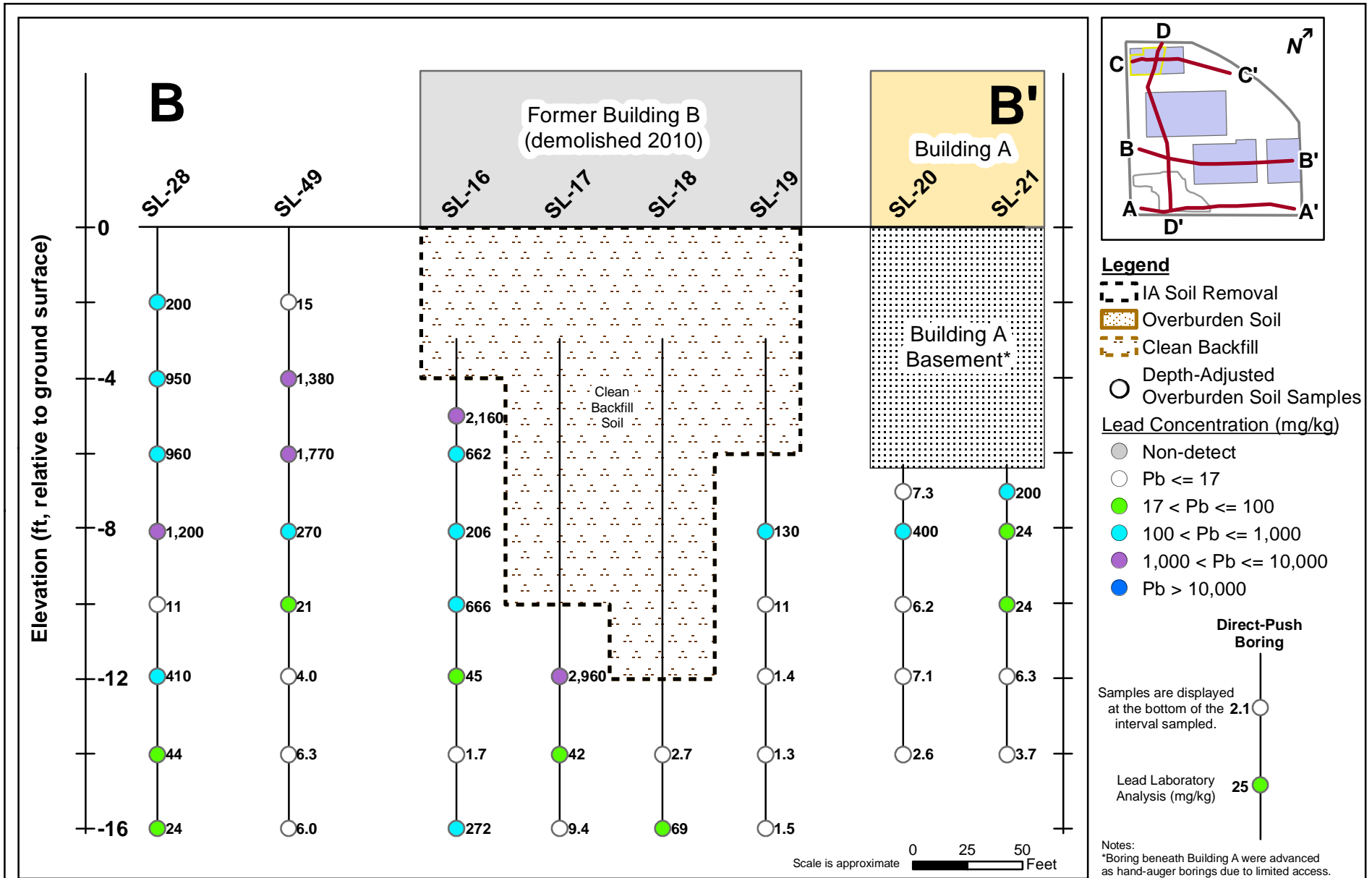
This page has been left blank intentionally to allow for double-sided printing.



Arsenic Soil Cross-Section B-B'
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

Figure 7-19

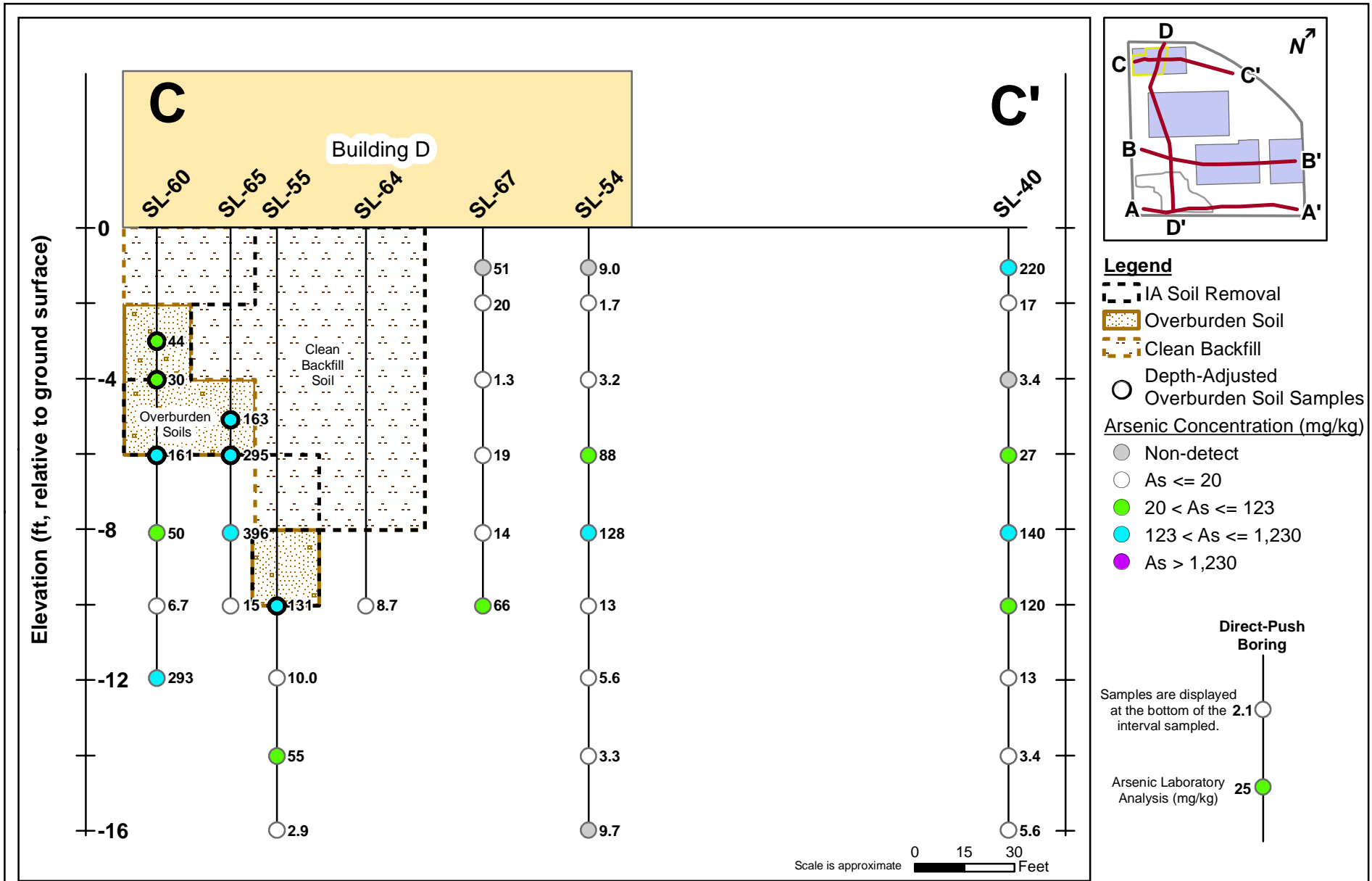
This page has been left blank intentionally to allow for
double-sided printing.



Lead Soil Cross-Section B-B'
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

Figure 7-20

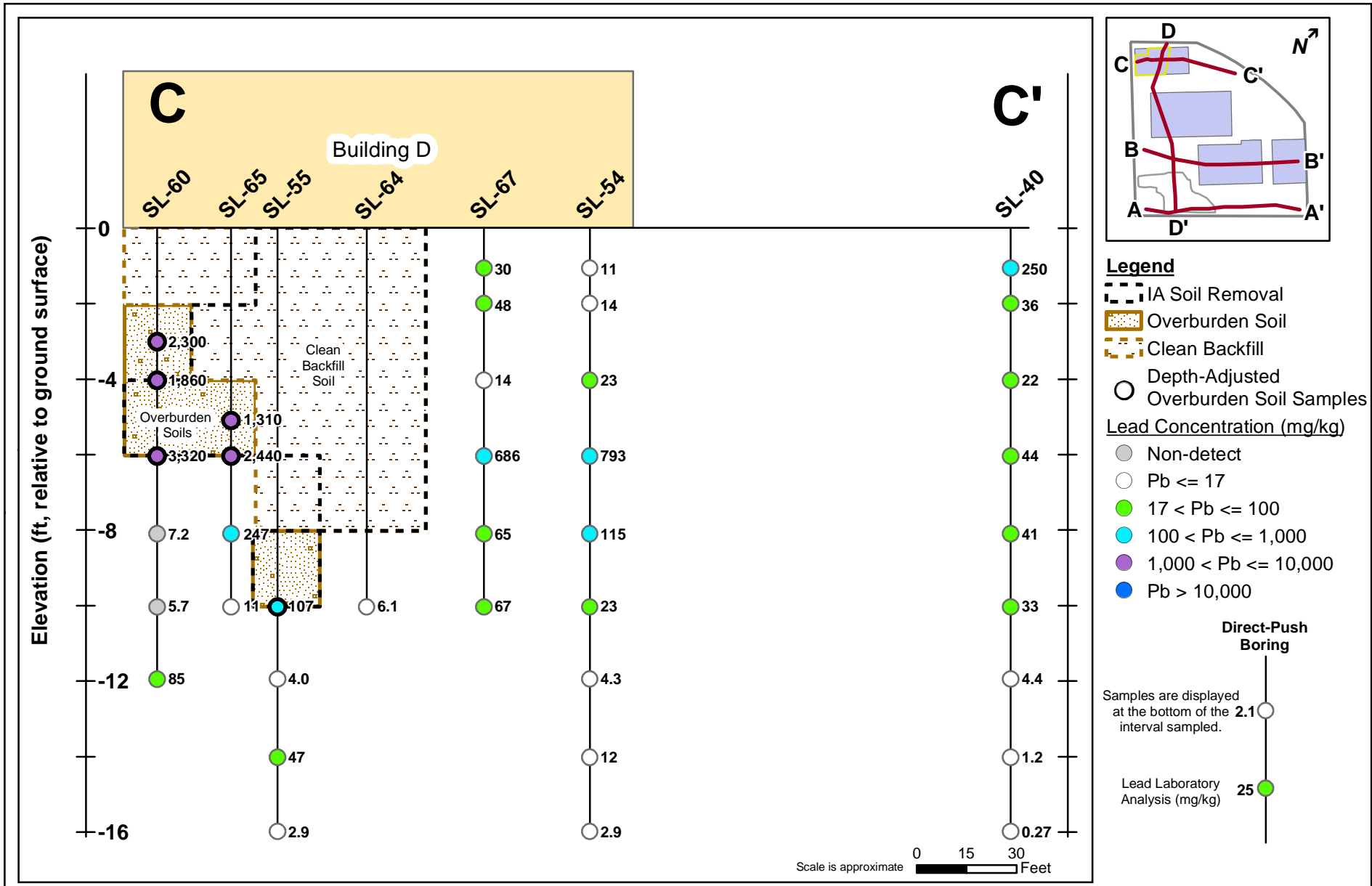
This page has been left blank intentionally to allow for double-sided printing.



Arsenic Soil Cross-Section C-C'
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

Figure 7-21

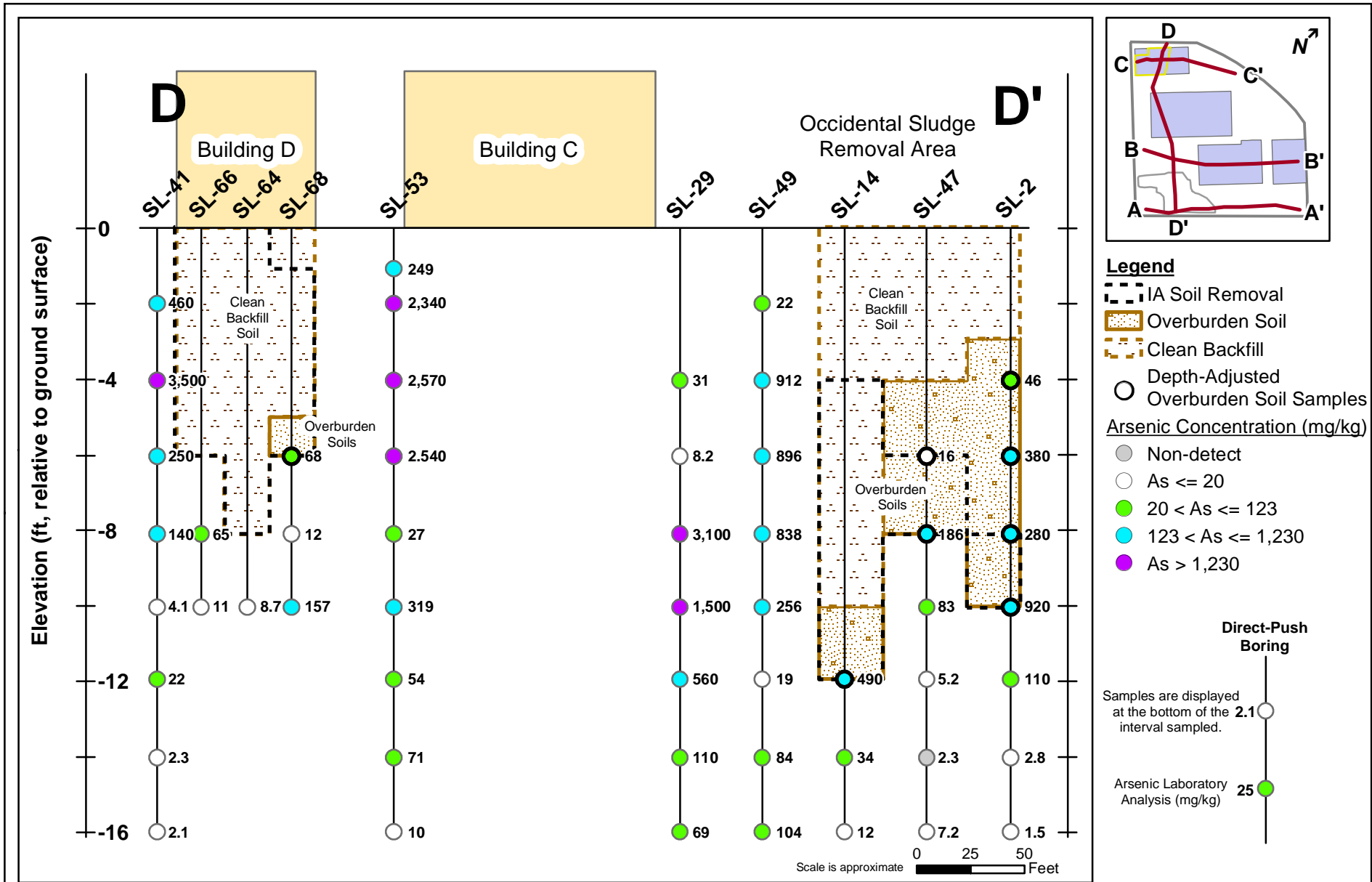
This page has been left blank intentionally to allow for double-sided printing.



Lead Soil Cross-Section C-C'
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-22

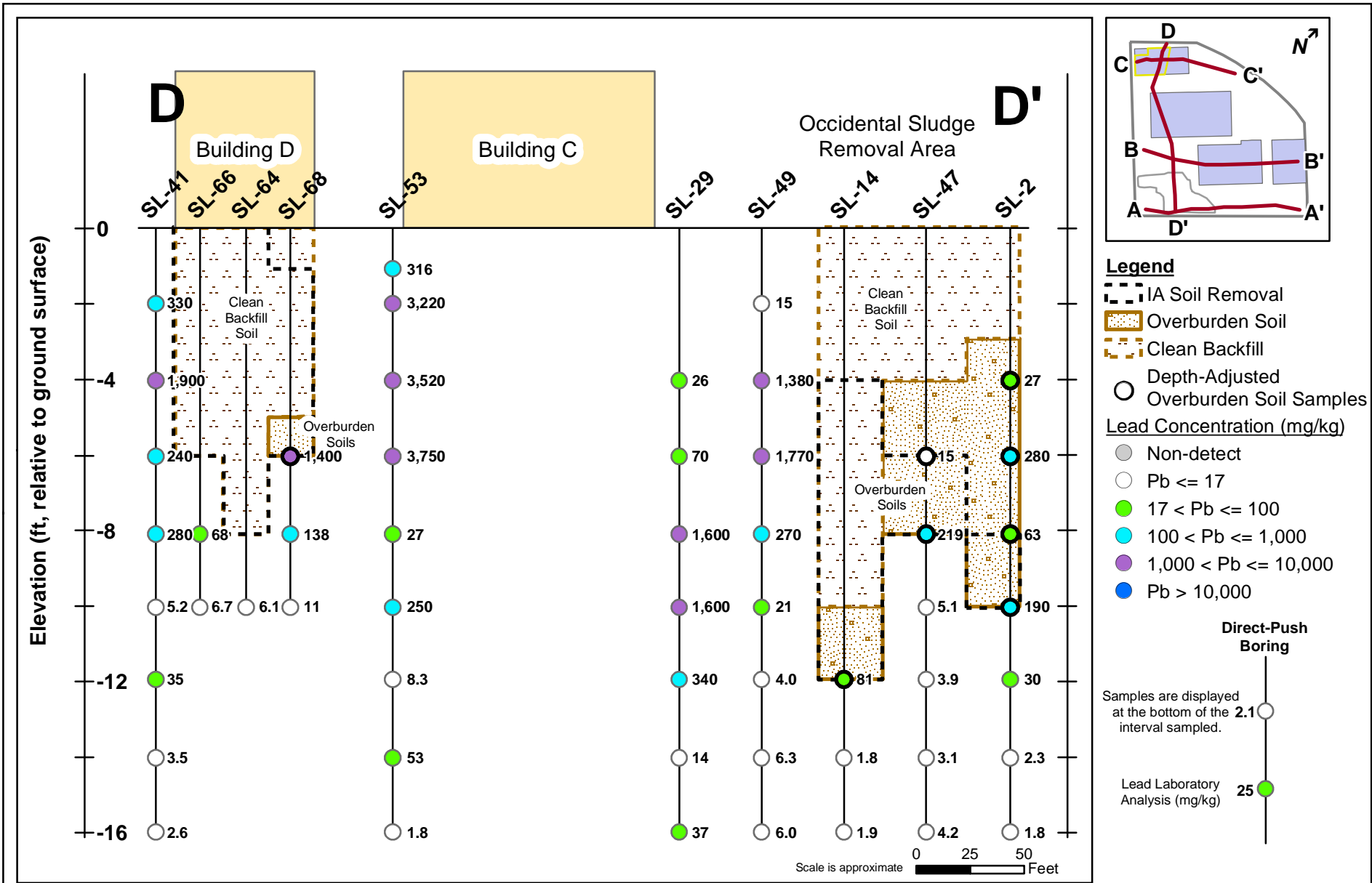
This page has been left blank intentionally to allow for
double-sided printing.



Arsenic Soil Cross-Section D-D'
 On-Site Soil Remedial Investigation
 Superlon Plastics Site, Tacoma, Washington

Figure 7-23

This page has been left blank intentionally to allow for
double-sided printing.



Lead Soil Cross-Section D-D'
On-Site Soil Remedial Investigation
Superlon Plastics Site, Tacoma, Washington

Figure 7-24

This page has been left blank intentionally to allow for
double-sided printing.

Appendix A

This page has been left blank intentionally to allow for double-sided printing.

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_1 0-1_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_1 10-12_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_1 10-12_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_1 1-2_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_1 12-14_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_1 12-14_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_1 14-16_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_1 14-16_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_1 2-4_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_1 4-6_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_1 6-8_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_1 8-10_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_1 1-2_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_1 2-4_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_1 4-6_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_1 6-8_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_1 8-10_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_10 10-12_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_10 12-14_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_10 14-16_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_10 8-10_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_11 10-12_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_11 12-14_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_11 14-16_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_11 8-10_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_12 10-12_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_12 12-14_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_12 14-16_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_12 8-10_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_13 12-14_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_13 14-16_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_13 6-8_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_13 8-10_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_13 10-12_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_14 12-14_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_14 12-14_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_14 14-16_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_14 14-16_08/12/10_SO	8/12/2010	Soil	20984	Test America

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_14 2-4_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_14 2-4_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_15 10-12_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_15 10-12_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_15 12-14_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_15 12-14_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_15 14-16_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_15 14-16_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_15 2-4_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_15 2-4_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_15 8-10_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_15 8-10_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_16 10-12_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_16 12-14_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_16 14-16_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_16 4-5_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_16 5-6_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_16 6-8_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_16 8-10_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_17 10-12_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_17 12-14_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_17 14-16_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_18 12-14_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_18 14-16_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_19 6-8_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_19 10-12_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_19 12-14_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_19 14-16_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_19 8-10_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_2 10-12_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_2 10-12_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_2 1-2_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_2 12-14_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_2 12-14_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_2 14-16_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_2 14-16_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_2 2-4_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_2 4-6_050911	5/9/2011	Soil	257565	Pace - Seattle

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_2 4-6_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_2 6-8_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_2 6-8_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_20 0-1_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_20 10-12_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_20 1-2_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_20 12-14_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_20 6-7_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_20 7-8_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_20 8-10_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_21 0-1_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_21 10-12_081511	8/15/2011	Soil	258845	Pace - Seattle
SUP_SL_21 1-2_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_21 12-14_081511	8/15/2011	Soil	258845	Pace - Seattle
SUP_SL_21 7-8_081511	8/15/2011	Soil	258845	Pace - Seattle
SUP_SL_21 8-10_081511	8/15/2011	Soil	258845	Pace - Seattle
SUP_SL_22 0-1_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_22 10-12_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_22 1-2_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_22 12-14_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_22 7-8_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_22 8-10_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_23 10-12_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_23 12-14_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_23 6-7_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_23 7-8_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_23 8-10_081211	8/12/2011	Soil	258823	Pace - Seattle
SUP_SL_23 0-1_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_23 1-2_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_24 10-12_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_24 12-14_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_24 5-6_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_24 6-8_051111_DC	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_24 8-10_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_24 14-16_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_25 10-12_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_25 12-14_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_25 14-16_051111	5/11/2011	Soil	257614	Pace - Seattle

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_26 12-14_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_26 14-16_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_27 10-12_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_27 12-14_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_27 14-16_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_27 5-6_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_27 6-8_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_27 8-10_051011	5/10/2011	Soil	257591	Pace - Seattle
SUP_SL_28 10-12_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_28 12-14_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_28 14-16_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_28 10-12_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_28 1-2_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_28 12-14_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_28 14-16_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_28 2-4_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_28 4-6_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_28 4-6_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_28 6-8_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_28 6-8_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_28 8-10_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_28 8-10_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_29 10-12_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_29 12-14_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_29 14-16_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_29 2-4_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_29 4-6_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_29 6-8_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_29 8-10_051111	5/11/2011	Soil	257614	Pace - Seattle
SUP_SL_29 10-12_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_29 12-14_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_29 14-16_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_29 2-4_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_29 4-6_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_29 6-8_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_29 8-10_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_3 10-12_050911_DC	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_3 10-12_08/11/10_SO	8/11/2010	Soil	20969	Test America

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_3 1-2_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_3 12-14_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_3 12-14_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_3 14-16_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_3 14-16_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_3 2-4_050911	5/9/2011	Soil	257565	Pace - Seattle
SUP_SL_3 2-4_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_30_10-12_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_30_12-14_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_30_14-16_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_30_2-4_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_30_4-6_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_32_10-12_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_32_1-2_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_32_12-14_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_32_14-16_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_32_2-4_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_32_4-6_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_32_6-8_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_32_8-10_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_33_10-12_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_33_1-2_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_33_12-14_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_33_14-16_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_33_2-4_11/15/10_SO_DC	11/15/2010	Soil	22957	Test America
SUP_SL_33_4-6_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_33_6-8_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_33_8-10_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_34_10-12_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_34_1-2_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_34_12-14_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_34_14-16_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_34_2-4_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_34_4-6_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_34_6-8_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_34_8-10_11/15/10_SO_DC	11/15/2010	Soil	22957	Test America
SUP_SL_35_0-1_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_35_10-12_11/15/10_SO	11/15/2010	Soil	22957	Test America

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_35_1-2_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_35_12-14_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_35_14-16_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_35_2-4_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_35_4-6_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_35_6-8_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_35_8-10_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_36_10-12_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_36_1-2_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_36_12-14_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_36_14-16_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_36_2-4_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_36_4-6_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_36_6-8_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_36_8-10_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_37_10-12_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_37_1-2_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_37_12-14_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_37_14-16_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_37_2-4_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_37_4-6_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_37_6-8_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_37_8-10_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_38_10-12_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_38_1-2_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_38_12-14_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_38_14-16_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_38_2-4_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_38_4-6_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_38_6-8_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_38_8-10_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_39_10-12_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_39_1-2_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_39_12-14_11/15/10_SO_DC	11/15/2010	Soil	22957	Test America
SUP_SL_39_14-16_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_39_2-4_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_39_4-6_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_39_6-8_11/15/10_SO	11/15/2010	Soil	22957	Test America

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_39_8-10_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_4_10-12_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_4_12-14_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_4_14-16_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_4_2-4_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_4_4-6_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_4_6-8_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_4_8-10_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_4_10-12_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_4_12-14_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_4_14-16_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_4_2-4_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_4_4-6_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_4_6-8_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_4_8-10_RS_11/16/10_SO	11/16/2010	Soil	22988	Test America
SUP_SL_40_0-1_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_40_10-12_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_40_1-2_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_40_12-14_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_40_14-16_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_40_2-4_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_40_4-6_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_40_6-8_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_40_8-10_11/15/10_SO	11/15/2010	Soil	22957	Test America
SUP_SL_41_10-12_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_41_1-2_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_41_12-14_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_41_14-16_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_41_2-4_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_41_4-6_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_41_6-8_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_41_8-10_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_42_10-12_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_42_1-2_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_42_12-14_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_42_14-16_08/12/10_SO_DC	8/12/2010	Soil	20984	Test America
SUP_SL_42_2-4_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_42_4-6_08/12/10_SO	8/12/2010	Soil	20984	Test America

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_42 6-8_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_42 8-10_08/12/10_SO	8/12/2010	Soil	20984	Test America
SUP_SL_43 10-12_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_43 1-2_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_43 12-14_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_43 14-16_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_43 2-4_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_43 4-6_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_43 6-8_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_43 8-10_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_44 10-12_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_44 1-2_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_44 12-14_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_44 14-16_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_44 2-4_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_44 4-6_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_44 6-8_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_44 8-10_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_45 10-12_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_45 1-2_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_45 12-14_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_45 14-16_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_45 2-4_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_45 8-10_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_46 10-12_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_46 1-2_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_46 12-14_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_46 14-16_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_46 2-4_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_46 4-6_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_46 6-8_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_46 8-10_080111_DC	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_47 10-12_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_47 1-2_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_47 12-14_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_47 14-16_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_47 2-4_080111	8/1/2011	Soil	258699	Pace - Seattle
SUP_SL_47 8-10_080111	8/1/2011	Soil	258699	Pace - Seattle

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_48 14-16_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_48 10-12_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_48 1-2_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_48 12-14_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_48 2-4_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_48 8-10_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_49 10-12_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_49 8-10_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_49 1-2_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_49 12-14_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_49 14-16_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_49 2-4_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_49 4-6_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_49 6-8_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_5 10-12_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_5 1-2_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_5 12-14_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_5 14-16_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_5 2-4_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_5 4-6_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_5 6-8_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_5 8-10_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_50 10-12_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_50 8-10_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_50 1-2_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_50 12-14_080211_DC	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_50 14-16_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_50 2-4_080211	8/2/2011	Soil	258703	Pace - Seattle
SUP_SL_51 0-1_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_51 10-12_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_51 1-2_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_51 12-14_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_51 14-16_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_51 2-4_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_51 4-6_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_51 6-8_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_51 8-10_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_52 10-12_080411	8/4/2011	Soil	258739	Pace - Seattle

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_52 1-2_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_52 12-14_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_52 14-16_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_52 2-4_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_52 4-6_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_52 6-8_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_52 8-10_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_53 0-1_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_53 10-12_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_53 1-2_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_53 12-14_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_53 14-16_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_53 2-4_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_53 4-6_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_53 6-8_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_53 8-10_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_54 0-1_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_54 10-12_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_54 1-2_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_54 12-14_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_54 14-16_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_54 2-4_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_54 4-6_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_54 6-8_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_54 8-10_080411	8/4/2011	Soil	258739	Pace - Seattle
SUP_SL_55 10-12_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_55 12-14_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_55 14-16_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_55 6-8_080311	8/3/2011	Soil	258722	Pace - Seattle
SUP_SL_6 10-12_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_6 1-2_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_6 12-14_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_6 14-16_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_6 2-4_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_6 4-6_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_6 6-8_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_6 8-10_08/11/10_SO	8/11/2010	Soil	20969	Test America
SUP_SL_60_0-1_111511	11/15/2011	Soil	2510017	Pace - Seattle

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_60_10-12_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_60_1-2_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_60_2-4_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_60_6-8_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_60_8-10_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_61_0-1_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_61_10-12_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_61_1-2_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_61_2-4_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_61_4-6_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_61_6-8_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_61_8-10_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_62_4-6_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_62_6-8_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_62_8-10_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_63_0-1_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_63_10-12_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_63_6-8_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_63_8-10_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_64_8-10_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_65_0-1_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_65_1-2_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_65_6-8_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_65_8-10_111511_DC	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_66_6-8_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_66_8-10_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_67_0-1_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_67_1-2_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_67_2-4_111511_DC	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_67_4-6_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_67_6-8_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_67_8-10_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_68_0-1_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_68_6-8_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_68_8-10_111511	11/15/2011	Soil	2510017	Pace - Seattle
SUP_SL_7_10-12_081711	8/17/2011	Soil	258888	Pace - Seattle
SUP_SL_7_12-14_081711	8/17/2011	Soil	258888	Pace - Seattle
SUP_SL_7_6-7_081711	8/17/2011	Soil	258888	Pace - Seattle

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_SL_7 7-8_081711	8/17/2011	Soil	258888	Pace - Seattle
SUP_SL_7 8-10_081711	8/17/2011	Soil	258888	Pace - Seattle
SUP_SL_7 0-1_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_7 1-2_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_72_10-12_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_72_12-14_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_72_14-16_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_72_4-6_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_72_6-8_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_72_8-10_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_73_10-12_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_73_12-14_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_73_14-16_082412_DC	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_73_2-4_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_73_6-8_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_73_8-10_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_74_10-12_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_74_12-14_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_74_14-16_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_74_2-4_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_74_4-6_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_74_6-8_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_74_8-10_082412	8/24/2012	Soil	2513412	Pace - Seattle
SUP_SL_8 0-1_08/02/10_SO	8/2/2010	Soil	20790	Test America
SUP_SL_8 10-12_081511	8/15/2011	Soil	258845	Pace - Seattle
SUP_SL_8 1-2_08/02/10_SO_DC	8/2/2010	Soil	20790	Test America
SUP_SL_8 12-14_081511	8/15/2011	Soil	258845	Pace - Seattle
SUP_SL_8 6-7_081511	8/15/2011	Soil	258845	Pace - Seattle
SUP_SL_8 7-8_081511	8/15/2011	Soil	258845	Pace - Seattle
SUP_SL_8 8-10_081511_DC	8/15/2011	Soil	258845	Pace - Seattle
SUP_GW_3_051011	5/10/2011	Surface Water	257591	Pace - Seattle
SUP_GW_6_051011	5/10/2011	Surface Water	257591	Pace - Seattle
SUP_GW_7_051111	5/11/2011	Surface Water	257614	Pace - Seattle
SW-SW-3-092012	9/20/2012	Surface Water	2513623	Pace - Seattle
SW-SW-4-092012	9/20/2012	Surface Water	2513623	Pace - Seattle
GW-MW-1-012913	1/29/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-1-012913-(20)	1/29/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-2-012913	1/29/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-2-012913-(20)	1/29/2013	Surficial Aquifer	10218920	Pace - Minneapolis

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
GW-MW-3-013013	1/30/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-3-013013-(20)	1/30/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-4-012813	1/28/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-4-012813-(20)	1/28/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-5-012813-(20)_DC	1/28/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-5-012813_DC	1/28/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-6-012813	1/28/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-6-012813-(20)	1/28/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-7-012913	1/29/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-7-012913-(20)	1/29/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-8-013013	1/30/2013	Surficial Aquifer	10218920	Pace - Minneapolis
GW-MW-8-013013-(20)	1/30/2013	Surficial Aquifer	10218920	Pace - Minneapolis
SUP_MW_1_040212	4/2/2012	Surficial Aquifer	2511542	Pace - Seattle
SUP_MW_1_063011	6/30/2011	Surficial Aquifer	258336	Pace - Seattle
SUP_MW_1_070512	7/5/2012	Surficial Aquifer	2512829	Pace - Seattle
SUP_MW_1_100512	10/5/2012	Surficial Aquifer	2513778	Pace - Seattle
SUP_MW_1_121911	12/19/2011	Surficial Aquifer	2510387	Pace - Seattle
SUP_MW_2_040212_DC	4/2/2012	Surficial Aquifer	2511542	Pace - Seattle
SUP_MW_2_063011	6/30/2011	Surficial Aquifer	258336	Pace - Seattle
SUP_MW_2_070512	7/5/2012	Surficial Aquifer	2512829	Pace - Seattle
SUP_MW_2_100512	10/5/2012	Surficial Aquifer	2513778	Pace - Seattle
SUP_MW_2_121911	12/19/2011	Surficial Aquifer	2510387	Pace - Seattle
SUP_MW_3_040212	4/2/2012	Surficial Aquifer	2511542	Pace - Seattle
SUP_MW_3_062711	6/27/2011	Surficial Aquifer	258288	Pace - Seattle
SUP_MW_3_070512	7/5/2012	Surficial Aquifer	2512829	Pace - Seattle
SUP_MW_3_100512	10/5/2012	Surficial Aquifer	2513778	Pace - Seattle
SUP_MW_3_121911	12/19/2011	Surficial Aquifer	2510387	Pace - Seattle
SUP_MW_4_040212	4/2/2012	Surficial Aquifer	2511542	Pace - Seattle
SUP_MW_4_063011	6/30/2011	Surficial Aquifer	258336	Pace - Seattle
SUP_MW_4_070512	7/5/2012	Surficial Aquifer	2512829	Pace - Seattle
SUP_MW_4_100812_DC	10/8/2012	Surficial Aquifer	2513778	Pace - Seattle
SUP_MW_4_121911	12/19/2011	Surficial Aquifer	2510387	Pace - Seattle
SUP_MW_5_040312	4/3/2012	Surficial Aquifer	2511542	Pace - Seattle
SUP_MW_5_063011	6/30/2011	Surficial Aquifer	258336	Pace - Seattle
SUP_MW_5_070612_DC	7/6/2012	Surficial Aquifer	2512829	Pace - Seattle
SUP_MW_5_100812	10/8/2012	Surficial Aquifer	2513778	Pace - Seattle
SUP_MW_5_121911	12/19/2011	Surficial Aquifer	2510387	Pace - Seattle
SUP_MW_6_040312	4/3/2012	Surficial Aquifer	2511542	Pace - Seattle
SUP_MW_6_070612	7/6/2012	Surficial Aquifer	2512829	Pace - Seattle
SUP_MW_6_100412	10/4/2012	Surficial Aquifer	2513778	Pace - Seattle
SUP_MW_6_122011	12/20/2011	Surficial Aquifer	2510387	Pace - Seattle
SUP_MW_7_040312	4/3/2012	Surficial Aquifer	2511542	Pace - Seattle

Table A-1: Sample Locations in White Books

Sample ID	Date Collected	Media	Lab Report Number	Analytical Laboratory
SUP_MW_7_070612	7/6/2012	Surficial Aquifer	2512829	Pace - Seattle
SUP_MW_7_100412	10/4/2012	Surficial Aquifer	2513778	Pace - Seattle
SUP_MW_7_122011	12/20/2011	Surficial Aquifer	2510387	Pace - Seattle
SUP_MW_8_100812_DC	10/8/2012	Surficial Aquifer	2513778	Pace - Seattle
SUP-MW-6_070111	7/1/2011	Surficial Aquifer	258342	Pace - Seattle
SUP-MW-7_070111	7/1/2011	Surficial Aquifer	258342	Pace - Seattle

Chemical Data Quality Review

Superlon Plastics Site

Phase I Remedial Investigation

August 2010 Field Sampling Event

Sample Delivery Groups

580-20790-1

580-20969-1

580-20969-2

580-20984-1

580-21283-1

Prepared for

Pacific Environmental and Redevelopment

**Prepared by
Joan Heath**

**218 Palm Ave.
Modesto, CA 95350
(209) 523-9670**

Introduction

This report summarizes the data quality review of analytical results generated in support of the Phase I Remedial Investigation sampling event for the Superlon Plastics Site in Tacoma, Washington. The criteria applied are consistent with analytical method protocols, in conjunction with the laboratory-established control limits. In cases where specific guidance was not available from between these sources, the data have been evaluated using professional judgment consistent with industry standards. The review included evaluation of chain-of-custodies, holding time and summary information for blanks (to assess contamination), sample duplicates (to assess precision), matrix spike and surrogate recoveries (to assess matrix effect), laboratory control samples and instrument calibration to assess (accuracy). Level IV validation (raw data verification) was performed on designated samples.

This report summarizes the data quality review of data contained in sample delivery groups (SDGs) 580-20790-1, 580-20969-1, 580-20969-2, 580-20984-1 and 580-21283-1.

The report is arranged by method; within each method section is a sub-section addressing each data quality indicator. Only situations in which data were impacted by quality control exceedance will be discussed.

I certify that all data validation criteria described above was assessed, and any qualifications made to the data were in accordance with the cited reference documents.

Authorized Signature

Qualifier and Reason Code (RC) Definition

The following qualifiers and reason codes may be used in this report:

- U The analyte was not detected above the reported method detection limit.
- UJ The analyte was not detected above the reported method detection limit. However, the reported Limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- J/none The sample results for the analyte are estimated for positive results, results reported below the quantitation limit are not qualified (high bias).
- J/UJ Sample results for the analyte are estimated for both positive and results reported below the quantitation limit (low bias).

- R/UR The sample results are rejected for both positive results and results reported below the detection limit due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

- a The analyte was found in the method blank
- a- Negative drift observed in instrument calibration blanks
- b Surrogate spike recovery outside control limits
- c Matrix Spike/Matrix Spike Duplicate (MS/MSD) recovery outside control limits
- d Laboratory Control Sample (LCS) recovery outside control limits
- e Holding time exceeded
- f MS/LCS sample duplicate failed precision criteria
- h Second column results indicate that the results were not confirmed
- i Instrument calibration outside of control limits
- k The analyte was found in the field blank
- m Numerical value is between the MDL and RL
- n Field duplicate precision exceedance
- o Results reported exceed calibration range
- p Sample was not properly collected, preserved or shipped
- s Internal Standard outside of control limits
- t Sample temperature outside acceptance criteria
- x Sample improperly prepared
- g Serial dilution exceeded criteria

Executive Summary

One hundred and thirty-five soils, five sediments, one surface water and five groundwater samples and two soil field duplicates were collected by Pacific Environmental and Redevelopment from August 2, 2010 to August 31, 2010. Samples were hand delivered to TestAmerica Laboratories, Inc. in Tacoma, Washington the same day of collection. Samples were analyzed for volatile organics by method 8260B (GC/MS), pentachlorophenol by method 8270C (GC/MS), diesel and motor oil by NWTPH-Dx, gasoline by NWTPH-Gx, arsenic, cadmium and lead by method 6010B (ICP) for solid samples or method 6020(ICP/MS) for water samples and mercury by methods 7470A/7471A.

The key data evaluation findings include the following:

- Volatile organics by method 8260B are of acceptable quality. Approximately (18.2%) of the results are qualified.
- Pentachlorophenol results by method 8270C were severely impacted. Non-detected pentachlorophenol results in soil and sediment samples (87%) are rejected due to improper sample preparation technique. Detected pentachlorophenol results reported are minimum values in the soil matrix.
- Extractable fuels by method NWTPH-Dx data were significantly impacted. Detected results in soil and sediment samples (90.4%) of data are qualified as estimated with a low bias due to improper sample preparation technique. Detected results reported are minimum values in the soil matrix.
- Gasoline data by method NWTPH-Gx are of good quality.
- Metals data are of good quality. Most qualifications (17.5%) made to the metals data are due to low concentrations detected. Some matrix effect and matrix interference for arsenic and lead was exhibited in the matrix spikes and serial dilutions. Poor precision was observed for soil samples in both laboratory and field duplicates indicating a heterogeneous matrix.
- Several samples exceeded holding time in methods 8260B and 8270C due to incomplete chain-of-custody documentation.

Volatile Organics by method 8260B/5030/5035

The following number of samples were prepared and analyzed by the listed methods:

92 Soils	5035/8260B
5 Sediments	5035/8260B
4 Ground Waters	5030/8260B
1 Surface Water	5030/8260B

Holding Time

All samples were analyzed within the required technical holding time except the following:

Field ID	Lab ID	Date Coll.	Date Anal	ACHT	RTHT	Qual	Bias	RC
SUP_SL_2 2-4	20969-14	8/11/10	9/9/10	28	14	J/UJ	Low	e
SUP_SL_2 6-8	20969-16	8/11/10	9/9/10, 9/21/10	28,40	14	J/UJ	Low	e
SUP_SL_2 8-10	20969-17	8/11/10	9/9/10, 9/21/10	28,40	14	J/UJ	Low	e
SUP_SL_2 10-12	20969-18	8/11/10	9/21/10	40	14	J/UJ	Low	e
SUP_SL_2 12-14	20969-19	8/11/10	9/21/10	40	14	J/UJ	Low	e
SUP_SL_2 14-16	20969-20	8/11/10	9/21/10	40	14	J/UJ	Low	e

Detected and non-detected results may be biased low.

Samples SUP_SL_2 6-8 (20969-16), SUP_SL_2 8-10 (20969-17) were reanalyzed at a dilution due to high concentrations detected. Samples SUP_SL_2 10-12 (20969-18), SUP_SL_2 12-14 (20969-19), SUP_SL_2 14-16 (20969-20) were reanalyzed due to possible contamination carry-over.

Samples had been delivered to laboratory on 8/11/10.

Surrogates/Internal Standards

Surrogate recoveries exceeded the control limits in the following samples:

Field ID	Lab ID	Surrogate	% Rec	QC Limits	Qual	Bias/RC
SUP_SL_7 1-2	20790-2	trifluorotoluene	70	75-125	J/UJ	Low b
SUP_SL_1 2-4	20969-3	toluene-d8	121	85-115	J/None	High b
SUP_SL_4 8-10	20969-34	trifluorotoluene	55	75-125	J/UJ	Low b
SUP_SL_15 6-8	20969-57	trifluorotoluene	74	75-125	J/UJ	Low b
SUP_SL_36 4-6	20984-3	trifluorotoluene	73	75-125	J/UJ	Low b
SUP_SD_5 083110	21283-4	trifluorotoluene	130	75-125	J/None	High b
SUP_SD_6 083110	21283-5	trifluorotoluene	129	75-125	J/None	High b
SUP_SD_6 083110	21283-5	ethylbenzene-d10	137	75-125	J/None	High b

Detected and non-detected results may be biased as shown.

Data were not qualified due to internal standard exceedance.

Blanks

Method blanks were prepared and analyzed at the required frequency. The following compounds were qualified as non-detected (UJ) due to method blank contamination:

Field ID	Lab ID	Compound	Result/Qual		Blank ID	Bias/RC
SUP_SL_7 0-1	20790-1	4-isopropyltoluene	4.6	UJ	580-69185	High a
SUP_SL_20 0-1	20790-6	4-isopropyltoluene	16	UJ	580-69185	High a
SUP_SL_1 4-6	20969-4	benzene	44	UJ	580-69911	High a
SUP_SL_1 8-10	20969-6	benzene	13	UJ	580-69911	High a
SUP_SL_1 14-16	20969-9	benzene	3.6	UJ	580-69911	High a
SUP_SL_3 1-2	20969-22	benzene	9.8	UJ	580-69911	High a
SUP_SL_3 2-4	20969-23	benzene	18	UJ	580-69911	High a
SUP_SL_3 4-6	20969-24	benzene	16	UJ	580-69911	High a
SUP_SL_3 6-8	20969-25	benzene	45	UJ	580-69911	High a
SUP_SL_1 10-12	20969-7	toluene	28	UJ	580-69911	High a
SUP_SL_1 12-14	20969-8	toluene	17	UJ	580-69911	High a
SUP_SL_1 14-16	20969-9	toluene	5.1	UJ	580-69911	High a
SUP_SL_3 1-2	20969-22	toluene	16	UJ	580-69911	High a
SUP_SL_3 2-4	20969-23	toluene	19	UJ	580-69911	High a
SUP_SL_1 2-4	20969-3	ethylbenzene	14	UJ	580-69911	High a
SUP_SL_1 10-12	20969-7	ethylbenzene	9.8	UJ	580-69911	High a
SUP_SL_3 1-2	20969-22	ethylbenzene	12	UJ	580-69911	High a
SUP_SL_3 2-4	20969-23	ethylbenzene	14	UJ	580-69911	High a
SUP_SL_1 4-6	20969-4	m&p xylenes	55	UJ	580-69911	High a
SUP_SL_3 1-2	20969-22	m&p xylenes	24	UJ	580-69911	High a
SUP_SL_3 2-4	20969-23	m&p xylenes	16	UJ	580-69911	High a
SUP_SL_3 4-6	20969-24	m&p xylenes	14	UJ	580-69911	High a
SUP_SL_3 1-2	20969-22	4-isopropyltoluene	12	UJ	580-69911	High a
SUP_GW_2	20969-38	toluene	0.26	UJ	580-69818	High a
SUP_SL_2 8-10	20969-17	hexachlorobutadiene	18	UJ	580-71245	High a
SUP_GW_4	20984-25	ethylbenzene	0.27	UJ	580-70093	High a
SUP_GW_4	20984-25	m&p xylenes	0.59	UJ	580-70093	High a
SUP_GW_4	20984-25	o-xylene	0.44	UJ	580-70093	High a
SUP_GW_4	20984-25	styrene	0.43	UJ	580-70093	High a
SUP_GW_4	20984-25	n-propylbenzene	0.37	UJ	580-70093	High a
SUP_GW_4	20984-25	2-chlorotoluene	0.43	UJ	580-70093	High a
SUP_GW_4	20984-25	4-chlorotoluene	0.34	UJ	580-70093	High a
SUP_GW_4	20984-25	1,3,5-trimethylbenzene	0.44	UJ	580-70093	High a
SUP_GW_4	20984-25	1,2,4-trimethylbenzene	0.42	UJ	580-70093	High a
SUP_GW_4	20984-25	sec-butylbenzene	0.46	UJ	580-70093	High a
SUP_GW_4	20984-25	4-isopropyltoluene	0.46	UJ	580-70093	High a
SUP_GW_4	20984-25	1,3-dichlorobenzene	0.21	UJ	580-70093	High a
SUP_GW_4	20984-25	n-butylbenzene	0.38	UJ	580-70093	High a
SUP_GW_4	20984-25	1,2,4-trichlorobenzene	0.40	UJ	580-70093	High a
SUP_GW_4	20984-25	1,2,3-trichlorobenzene	0.37	UJ	580-70093	High a
SUP_SL_36 10-12	20984-6	4-isopropyltoluene	19	UJ	580-70025	High a
SUP_SL_28 8-10	20984-14	methylene chloride	12	UJ	580-70395	High a
SUP_SL_14 14-16	20984-24	methylene chloride	5.1	UJ	580-70395	High a
SUP_SW_1 083110	21283-6	tetrachloroethene	0.29	UJ	580-70823	High a
SUP_SW_1 083110	21283-6	styrene	0.20	UJ	580-70823	High a
SUP_SW_1 083110	21283-6	n-propylbenzene	0.16	UJ	580-70823	High a
SUP_SW_1 083110	21283-6	1,3,5-trimethylbenzene	0.12	UJ	580-70823	High a
SUP_SW_1 083110	21283-6	4-isopropyltoluene	0.27	UJ	580-70823	High a

Samples were qualified as non-detected at the concentrations detected; detection limits were not elevated. Non-detected results are estimated (UJ).

Many samples were reanalyzed due to potential carry-over contamination in the original analysis.

Trip blanks were not analyzed by this method.

Calibrations/Tunes

Instrument tunes were performed at the required frequency and met method specific criteria. All target compounds met linearity and response criteria for method 8260B. A second source standard (initial calibration verification) met recovery limits in most cases. Continuing calibrations were performed at the required frequency. The following samples were qualified due to calibration exceedance:

CCV 8/6/10 13:48

Compound	%Diff	Qualifier	Bias	RC
2, 2-dichloropropane	-32	J/UJ	Low	i

Impacted Samples

Field ID	Lab ID
SUP_SL_21 1-2	20790-9
SUP_SL_22 0-1	20790-10
SUP_SL_22 1-2	20790-11
SUP_SL_23 0-1	20790-12
SUP_SL_23 1-2	20790-13

ICV 9/8/10 1548

Compound	%Diff	Qualifier	Bias	RC
tetrachloroethene	34.9	J/None	High	i

Impacted Samples

Field ID	Lab ID
SUP_SL_2 2-4	20969-14
SUP_SL_2 6-8	20969-16
SUP_SL_2 8-10	20969-17
SUP_SL_2 10-12	20969-18

CCV 9/9/10 1438

Compound	%Diff	Qualifier	Bias	RC
trichlorofluoromethane	-45.2	J/UJ	Low	i
naphthalene	-25.1	J/UJ	Low	i

Impacted Samples

Field ID	Lab ID
SUP_SL_2 2-4	20969-14
SUP_SL_2 6-8	20969-16
SUP_SL_2 8-10	20969-17

CCV 9/21/10 1617

Compound	%Diff	Qualifier	Bias	RC
Napthalene	-33.1	J/UJ	Low	i

Impacted Samples

Field ID	Lab ID
SUP_SL_2 10-12	20969-18
SUP_SL_2 12-14	20969-19
SUP_SL_2 14-16	20969-20

CCV 8/18/10 2100

Compound	%Diff	Qualifier	Bias	RC
tetrachloroethene	-28.5	J/UJ	Low	i
1,2-dibromo-3-chloropropane	-25.9	J/UJ	Low	i

Impacted Samples

Field ID	Lab ID	Field ID	Lab ID
SUP_SL_36 6-8	20984-4	SUP_SL_15 10-12	20969-59
SUP_SL_36 14-16	20984-8	SUP_SL_15 12-14	20969-60
SUP_SL_28 1-2	20984-10	SUP_SL_15 14-16	20969-61

CCV 8/21/10 1853**Compound**

Tetrachloroethene

%Diff

-28.8

Qualifier

J/UJ

Bias

Low

RC

i

Impacted Samples**Field ID**

SUP_SL_4 12-14
 SUP_SL_4 14-16
 SUP_SL_5 2-4
 SUP_SL_5 4-6
 SUP_SL_5 6-8
 SUP_SL_5 8-10
 SUP_SL_5 10-12
 SUP_SL_5 12-14
 SUP_SL_5 14-16
 SUP_SL_6 1-2
 SUP_SL_6 2-4
 SUP_SL_6 4-6

Lab ID

20969-36
 20969-37
 20969-40
 20969-41
 20969-42
 20969-43
 20969-44
 20969-45
 20969-46
 20969-47
 20969-48
 20969-49

Field ID

SUP_SL_6 6-8
 SUP_SL_6 8-10
 SUP_SL_6 10-12
 SUP_SL_6 12-14
 SUP_SL_6 14-16
 SUP_SL_15 2-4
 SUP_SL_15 4-6

Lab ID

20969-50
 20969-51
 20969-52
 20969-53
 20969-54
 20969-55
 20969-56

CCV 8/22/10 2301**Compound**

1,2-dibromo-3-chloropropane
 naphthalene
 1,2,3-trichlorobenzene

%Diff

-31.8
 -38.8
 -39.1

Qualifier

J/UJ
 J/UJ
 J/UJ

Bias

Low
 Low
 Low

RC

i
 i
 i

Impacted Samples**Field ID**

SUP_SL_5 1-2
 SUP_SL_15 6-8
 SUP_SL_15 8-10
 SUP_SL_3 8-10
 SUP_SL_3 10-12
 SUP_SL_3 12-14

Lab ID

20969-39
 20969-57
 20969-58
 20969-26
 20969-27
 20969-28

Field ID

SUP_SL_4 2-4
 SUP_SL_4 4-6
 SUP_SL_4 6-8
 SUP_SL_4 8-10
 SUP_SL_4 10-12

Lab ID

20969-31
 20969-32
 20969-33
 20969-34
 20969-35

CCV 8/26/10 6:38**Compound**

1,2,3-trichlorobenzene

%Diff

-29.7

Qualifier

J/UJ

Bias

Low

RC

i

Impacted Samples**Field ID**

SUP_SL_37 8-10
 SUP_SL_37 6-8
 SUP_SL_42 6-8
 SUP_SL_28 10-12
 SUP_SL_28 12-14
 SUP_SL_28 14-16
 SUP_SL_14 2-4
 SUP_SL_14 12-14
 SUP_SL_14 14-16
 SUP_SL_42 4-6
 SUP_SL_28 8-10
 SUP_SL_37 2-4

Lab ID

20984-56
 20984-55
 20984-46
 20984-15
 20984-16
 20984-17
 20984-18
 20984-23
 20984-24
 20984-45
 20984-14
 20984-53

Field ID

SUP_SL_37 4-6
 SUP_SL_36 10-12
 SUP_SL_36 12-14
 SUP_SL_36 8-10
 SUP_SL_36 1-2
 SUP_SL_36 4-6
 SUP_SL_36 2-4
 SUP_SL_28 6-8
 SUP_SL_28 2-4

Lab ID

20984-54
 20984-6
 20984-7
 20984-5
 20984-1
 20984-3
 20984-2
 20984-13
 20984-11

CCV 9/1/10 1311				
Compound	%Diff	Qualifier	Bias	RC
tetrachloroethene	-32.9	J/UJ	Low	i

Impacted Sample(s)

Field ID	Lab ID
SUP_SW_1 083110	21283-6

CCV 9/1/10 1315				
Compound	%Diff	Qualifier	Bias	RC
tetrachloroethene	-26	J/UJ	Low	i
1,2,3-trichlorobenzene	-31.5	J/UJ	Low	i

Impacted Samples

Field ID	Lab ID
SUP_SD_2 083110	21283-1
SUP_SD_3 083110	21283-2
SUP_SD_4 083110	21283-3
SUP_SD_5 083110	21283-4
SUP_SD_6 083110	21283-5

Matrix Spike/Matrix Spike Duplicates

MS/MSDs were performed at the required frequency. Data were not qualified due to matrix spike recoveries or precision exceedance.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. Data were not qualified due to LCS recoveries or precision exceedance.

Sample Quantitation/ Compound Identification

Sample and associated quality control (QC) results were recalculated in SDGs 580-20790-1 and 580-21283-1 with the proper sample weights, percent moisture, dilution factors and volumes used to calculate results. Samples and associated QC were correctly quantitated. Transcription errors were not observed.

The relative retention times, mass spectra, and peak identification of the samples were evaluated. Target compound identification was considered to be correct.

Quantitation Limits

The laboratory reported values down to the method detection limit. Three hundred and eight results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Field Duplicates

Field duplicates were not collected for this method.

Additional Comments

Due to evidence of methanol leakage during sampling/shipping, samples SUP_SL_15 8-10 (20969-58) and SUP_SL_36 10-12 (20984-6) are qualified as estimated (J/UJ) bias may be low.

Overall Assessment

Data were not rejected. Due to holding time exceedance, six samples were qualified as estimated with a potential low bias. Results in two samples (1.9%) of data were qualified as estimated with a potential low bias due to methanol leakage. Due to matrix effect results in seven samples, (3.8%) of data were qualified as estimated because of surrogate recovery exceedance. Due to method blank contamination several compounds were qualified as non-detected in some samples (approximately 1%). (1.9%) of data were qualified due to calibration exceedance. (5.1%) of data were qualified due to low concentrations detected (less than the reporting limit). Data that are qualified as non-detected or estimated are useable for limited purposes. All remaining data should be considered useable as reported.

Pentachlorophenol by Method 8270C

The following number of samples were prepared and analyzed by the listed methods:

5 Sediments	3550B/8270C
37 Soils	3550B/8270C
4 Ground Waters	3520C/8270C

Holding Time

The following samples were qualified as estimated (J/UJ) due to holding time exceedance.

Field ID	Lab ID	Dates			ACHT	RTHT	Qual	Bias	RC
		Collect	Prep	Analysis					
SUP_SL_2 1-2	20969-13	8/11/10	9/9/10	9/14/10	28	14/40	J/UJ	Low	e
SUP_SL_2 2-4	20969-14	8/11/10	9/9/10	9/14/10	28	14/40	J/UJ	Low	e
SUP_SL_2 4-6	20969-15	8/11/10	9/9/10	9/14/10	28	14/40	J/UJ	Low	e
SUP_SL_2 6-8	20969-16	8/11/10	9/9/10	9/14/10	28	14/40	J/UJ	Low	e
SUP_SL_2 8-10	20969-17	8/11/10	9/9/10	9/14/10	28	14/40	J/UJ	Low	e
SUP_SL_2 10-12	20969-18	8/11/10	9/9/10	9/14/10	28	14/40	J/UJ	Low	e
SUP_SL_2 12-14	20969-19	8/11/10	9/9/10	9/14/10	28	14/40	J/UJ	Low	e
SUP_SL_2 14-16	20969-20	8/11/10	9/9/10	9/14/10	28	14/40	J/UJ	Low	e

Detected and non-detected results were qualified as estimated (J/UJ). Results may be biased low.

Samples had been delivered to the laboratory on 8/11/10.

Surrogates/Internal Standards

Surrogate recoveries met recovery criteria except in the following:

Field ID	Lab ID	Surrogate	Rec	QC Limit	Qual	Bias	RC
SUP_SL_2 6-8	20969-16	2-fluorophenol	3%	36-145	J/UR	Low	b
SUP_SL_2 6-8	20969-16	phenol-d5	22%	38-149	J/UJ	Low	b
SUP_SL_2 6-8	20969-16	2,4,6 TBP	0.7%	28-143	J/UR	Low	b

Due to extremely low recoveries (<10%) in the acid surrogates, the non-detected result for pentachlorophenol is rejected in sample SUP_SL_2 6-8 (20969-16). The lab re-extracted and reanalyzed the sample with concurring low recoveries confirming matrix effect. The lab reported the original analysis.

Data were not qualified due to internal standard exceedance.

Blanks

Method blanks were prepared and analyzed at the required frequency. Pentachlorophenol was non-detected.

Field blanks were not collected for this method.

Calibrations/Tunes

Instrument tunes were performed at the required frequency and met all method specific criteria. Pentachlorophenol met linearity and response criteria for method 8270C. A second source standard (initial calibration verification) met recovery limits. Continuing calibrations were performed at the required frequency and met response and % drift requirements.

Matrix Spike/Matrix Spike Duplicates

MS/MSDs were performed at the required frequency for soil samples. Insufficient sample was collected to perform matrix spikes on the water matrix.

The following results were observed:

Field ID	Cmp	Lab ID	MS/MSD/RPD	QC Limit	Qual	Bias	RC
SUP_SL_2 1-2	PCP	20969-13	128, 117 12	29-124/68	J/None	High	c

Pentachlorophenol was qualified as estimated (J) results may be biased high.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

Sample Quantitation/ Compound Identification

Sample and associated quality control (QC) results were recalculated in SDGs 580-20790-1 and 580-21283-1 with the proper weights, percent moisture, dilution factors and volumes used to calculate results. Samples and associated QC were correctly quantitated. Transcription errors were not observed.

The relative retention times, mass spectra, and peak identification of the samples were evaluated. Target compound identification was considered to be correct.

Quantitation Limits

The laboratory reported values down to the method detection limit. All non-detected results for this method were rejected. Two results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Field Duplicates

Sample SUP_SL_8 1-2 (20970-4) was collected as the field duplicate. Pentachlorophenol was non-detected.

Additional Comments

Soil samples were extracted using the medium/high concentration method described within method 3550C of SW846. The method is appropriate for sample concentrations above 20 mg/kg. The extraction process is less rigorous than the procedure described for low concentration samples, uses only ten milliliters of solvent to extract samples and does not have a concentration step in the sample prep process, therefore low concentrations may not be detected. Potential for false non-detects exists. Reported results may be biased low.

Sample SUP_GW_4 (20969-25) was originally collected for 8270 analysis but was destroyed during the extraction process. Insufficient sample remained for re-extraction.

Soil and water samples in SDG 580-20969-1 were analyzed for additional compounds although only pentachlorophenol had been requested. Polyaromatic hydrocarbons (PAHs) were detected in samples SUP_SL_1 0-1 (20969-3), SUP_SL_1 4-6 (20969-4), SUP_SL_1 6-8 (20969-5), SUP_SL_4 2-4 (20969-31), SUP_SL_4 4-6 (20969-32), SUP_SL_4 6-8, (20969-33), SUP_SL_4 8-10 (20969-34), SUP_SL_4 10-12 (20969-35), SUP_SL_4 12-14, (20969-36), SUP_SL_4 14-16 (20969-37), SUP_GW_2 (20969-38) and sample SUP_GW_5 (20969-62).

Overall Assessment

All non-detected pentachlorophenol results in soil and sediment samples are rejected due to improper sample preparation. Results for these samples are unusable for any purpose.

Detected pentachlorophenol results in soil samples SUP_SL_2 1-2 (20969-13) and SUP_SL_2 2-4 (20969-14) are qualified as estimated (J) with a potential low bias due to improper sample preparation and holding time exceedance. Results are minimum values and are useable for limited purposes.

Results in water samples should be considered useable as reported.

NWTPH-Dx

The following number of samples were prepared and analyzed by the listed methods:

5 Sediments	3550C/NWTPH-Dx
19 Soils	3550C/NWTPH-Dx
2 Ground Waters	3510C/NWTPH-Dx

Holding Times

Samples were prepped and analyzed within the required method holding time. Extraction and analyses dates reported were verified against supporting documentation. Discrepancies were not observed.

Surrogates

Surrogate recoveries met recovery criteria of 50-150%.

Blanks

Method blanks were prepared and analyzed at the required frequency. The following sample results were qualified as nondetected due to method blank contamination.

Field ID	Lab ID	Compound	Result/Qual	Blank ID	Bias	RC
SUP_SL_38 8-10	20984-30	motor oil	32 UJ	580-70052	High	a
SUP_SL_41 8-10	20984-39	motor oil	47 UJ	580-70052	High	a
SUP_SL_41 12-14	20984-41	motor oil	21 UJ	580-70052	High	a
SUP_SL_41 14-16	20984-42	motor oil	14 UJ	580-70052	High	a

Samples were qualified as non-detected at the concentrations detected; detection limits were not elevated. Non-detected results are estimated (UJ).

Field blanks were not collected for analysis by this method.

Calibrations

All compounds met linearity criteria for method NWTPH-Dx. Continuing calibrations were performed at the required frequency with all percent differences less than 15%.

Matrix Spike/Matrix Duplicates

MS/MSDs were not performed on any of the associated samples. Matrix specific recovery data is not available. Insufficient sample was collected to perform matrix spikes on the water matrix.

The lab performed a laboratory duplicate on the following sample:

Field ID	Lab ID	Cmp	mg/kg	Lab Duplicate	mg/kg	RPD	Qual	Bias	RC
SUP_SL_41 4-6	20984-37	#2 diesel	58	SUP_SL_41 4-6	87	40	J	None	f

Due to poor precision in the laboratory duplicate analysis the result for #2 diesel was qualified as estimated (J).

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

Sample Quantitation/ Compound Identification

Samples and associated quality control (QC) results in sample delivery groups 580-20984-1 and 580-21283-1 were recalculated with the proper weights, percent moisture, dilution factors, and volumes used to calculate results. Samples and associated QC were correctly quantitated. Transcription errors were not observed.

Quantitation Limits

The laboratory reported values down to the method detection limit. Ten results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Field Duplicates

Field duplicate samples were not collected for this method.

Additional Comments

Soil samples were extracted using the medium/high concentration method described within method 3550C of SW846, the method is appropriate for sample concentrations above 20 mg/kg. The extraction process is less rigorous than the procedure described for low concentration samples, uses only ten milliliters of solvent to extract samples and does not have a concentration step in the sample prep process, therefore low concentrations may not be detected. The potential for false non-detects exists and detected results may be biased low.

Overall Assessment

The non-detected result for #2 diesel in sample SUP_SL_41 14-16 (20984-42) is rejected due to improper sample preparation. Data are unusable for any purpose.

All detected results (90.4%) are qualified as estimated with a potential low bias due to improper sample preparation. Four soil samples were qualified as non-detected for motor oil due to method blank contamination. Due to poor precision in the laboratory duplicate analysis, one sample SUP_SL_41 4-6 (20984-37) is qualified as estimated bias unknown. All data are useable for limited purposes.

Results reported for the water matrix should be considered useable as reported.

NWTPH-Gx

The following number of samples were prepared and analyzed by the listed methods:

5 Sediments	5035/NWTPH-Gx
14 Soils	5035/NWTPH-Gx
2 Ground Waters	5030/NWTPH-Gx

Holding Times

Samples were analyzed within the required method holding time. Analyses dates reported were verified against supporting documentation. Discrepancies were not observed.

Surrogates

Surrogate recoveries met recovery criteria of 50-150%.

Blanks

Method blanks were prepared and analyzed at the required frequency. The following sample was qualified as non-detected due to method blank contamination.

Field ID	Lab ID	Compound	Results/Qual	Blank ID	Bias	RC
SUP_GW_12	20984-34	gasoline	0.17 UJ	580-6992	High	a

The sample was qualified as non-detected at the concentration detected; the detection limit was not elevated. The non-detected result is estimated (UJ).

Field blanks were not collected for analysis by this method.

Calibrations

Gasoline met linearity criteria for method NWTPH-Gx. Continuing calibrations were performed at the required frequency. Data were not qualified due to calibration exceedance.

Matrix Spike/Matrix Duplicates

MS/MSDs were performed at the required frequency from the associated samples. Recoveries and precision met method criteria.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

Sample Quantitation/ Compound Identification

Sample and associated quality control (QC) results were recalculated in SDGs 580-20984-1 and 580-21283-1 with the proper weights, percent moisture, dilution factors and volumes used to calculate results. Samples and associated QC were correctly quantitated. Transcription errors were not observed.

Quantitation Limits

The laboratory reported values down to the method detection limit. Three results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Field Duplicates

Field duplicate samples were not collected for this method.

Overall Assessment

Due to method blank contamination gasoline in sample SUP_GW_12 (20984-34) is qualified as non-detected. Gasoline results in three samples were reported below the reporting limit and are qualified as estimated. Non-detected or estimated data are useable for limited purposes. All remaining data met control criteria and should be considered useable as reported.

Metals by Methods 6010B, 6020, 7471/7470

The following number of samples were prepared and analyzed by the listed methods:

5 Sediments	3050B/6010B/7471A
1 Surface water	3005A/6020/7470A
127 Soils	3050B/6010B
5 Ground Waters	3005A/6020/7470A

Water samples were analyzed for both total and dissolved metals.

Holding Times

All samples were prepared and analyzed within required method holding times. Preparation and analyses dates reported were verified against supporting documentation. Discrepancies were not observed.

Calibrations

Initial calibration verification and continuing calibrations were analyzed at the required frequency. All target analytes met method recovery criteria (90-110%).

Blanks

Method blanks were prepared and analyzed at the required frequency. The following sample was qualified as non-detected due to method blank contamination.

Field ID	Lab ID	Analytes	Result/Qual	Blank ID	Bias	RC
SUP_SD_2 83110	21283-1	cadmium	0.39 UJ	580-70855	High	a

The sample was qualified as non-detected at the concentration detected; the detection limit was not elevated. The non-detected result is estimated (UJ).

Field blanks were not collected for analysis by this method.

Matrix Spikes/ Sample Duplicates

Matrix spikes were prepared and analyzed at the required frequency for soil and water samples. Due to severe matrix interference (analyte recoveries less than 30% in the matrix spike and recoveries less than 75% in the post digestion spike), the following detected results are estimated and non-detects are rejected (J/UR):

Field ID	Lab ID	Analyte	%Rec/RPD	QC Limits	Bias	RC
SUP_SL_36 1-2	20984-1	arsenic	-25, -48/9	75-125/35	Low	c
SUP_SL_42 2-4	20984-44	Cadmium	28, 27/2	75-125/35	Low	c

Due to accuracy problems in the matrix spike analysis, the following detected and non-detected results are qualified as estimated (J/UJ):

Field ID	Lab ID	Analyte	%Rec/RPD	QC Limits	Bias	RC
SUP_SL_3 10-12	20969-27	arsenic	48, 21/9	75-125/35	Low	c
SUP_SL_36 1-2	20984-1	cadmium	54, 71/12	75-125/35	Low	c
SUP_SL_14 10-12	20984-22	lead	72, 73/9	75-125/35	Low	c

Due to accuracy problems in the matrix spike analysis, the following detected results are qualified as estimated (J/none):

Field ID	Lab ID	Analyte	%Rec/RPD	QC Limits	Bias	RC
SUP_SL_7 0-1	90790-1	arsenic	121,343/45	75-125/35	High	c
SUP_SL_2 1-2	20969-13	arsenic	135,146/17	75-125/35	High	c
SUP_SL_2 1-2	20969-13	lead	157,179/19	75-125/35	High	c

Due to high variability in the matrix, only the sample used as the matrix spike was qualified.

Matrix Duplicates

Matrix duplicates were prepped and analyzed at the proper frequency. Precision was acceptable in all cases except in the following:

Field ID	Lab ID	Analyte	RPD	Limit	Qual	Bias	RC
SUP_SL_7 0-1	90790-1	lead	71	35	J	None	f
SUP_SD_2 083110	21283-1	lead	53	35	J	None	f
SUP_SL_5 14-16	20969-46	arsenic	45	35	J	None	f
SUP_SL_5 14-16	20969-46	lead	45	35	J	None	f
SUP_SL_2 1-2	20969-13	lead	40	35	J	None	f

Results were qualified as estimated due to precision exceedance. Only the sample used as the duplicate was qualified.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

ICP Serial Dilution

ICP serial dilutions were performed at the required frequency. Due to ICP serial dilution problems, the following detected and non-detected results are qualified as estimated (J/UJ).

Field ID	Lab ID	Analyte	(mg/Kg)	%D	Qual	Bias	RC
SUP_SL_5 14-16	20969-46	arsenic	780	78	J	None	g
SUP_SL_5 14-16	20969-46	lead	1400	78	J	None	g
SUP_SL_36 1-2	20984-1	lead	690	21	J	None	g
SUP_SL_14 10-12	20984-22	lead	21	20.5	J	None	g
SUP_SL_42 2-4	20984-44	arsenic	2000	70	J	None	g
SUP_SL_42 2-4	20984-44	cadmium	12	82	J	None	g
SUP_SL_42 2-4	20984-44	lead	3200	68	J	None	g

Only the sample used for the serial dilution was qualified.

Field Duplicates

Sample SUP_SL_8 1-2 (20790-4) was collected as a field duplicate. The following results were observed.

Analyte	Field ID	mg/kg	Field ID	mg/kg	RPD	Qual	RC
Arsenic	SUP_SL_8 1-2	1300	SUP_SL_DUP	3600	94	J	n
Cadmium	SUP_SL_8 1-2	1.7	SUP_SL_DUP	1.9	11	J	n
Lead	SUP_SL_8 1-2	310	SUP_SL_DUP	12000	190	J	n

Sample SUP_SL_42 14-16 (20984-50) was collected as a field duplicate. The following results were observed.

Analyte	Field ID	mg/kg	Field ID	mg/kg	RPD	Qual	RC
Arsenic	SUP_SL_42 14-16	19	SUP_SL_DUP	1500	195	J	n
Cadmium	SUP_SL_42 14-16	0.27	SUP_SL_DUP	0.99	114	J	n
Lead	SUP_SL_42 14-16	7.6	SUP_SL_DUP	1400	198	J	n

Due to high variability detected results were flagged as shown. Only the samples used as field duplicates were qualified. Bias is non-determined.

Analyte Quantitation

Sample results and associated QC were recalculated in SDGs 580-20790-1 and 580-21283-1, with the proper, weights, percent moisture, dilution factors and volumes used to calculate the sample results. The samples were found to be correctly quantitated. Transcription errors were not observed.

Quantitation Limits

The laboratory reported values down to the method detection limit. Seventy-nine results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Additional Comments

Due to the high variability in the soil matrix only the sample used as the quality control was qualified.

Overall Assessment

Data were not rejected. Most data qualified (17.5%) were due to low concentrations detected. Due to high variability in the soil and sediment samples four samples were qualified as estimated for lead and arsenic in the laboratory duplicates. In addition arsenic and lead were qualified in the field duplicates indicating a heterogeneous matrix. Due to matrix effect and a heterogeneous matrix, six samples were qualified as estimated for mostly arsenic and lead in the matrix spikes and four samples were qualified due to serial dilution exceedance indicative of matrix interference. Due to method blank contamination one sample was qualified as non-detected for cadmium. All data qualified as estimated or non-detected are useable for limited purposes. All remaining data should be considered useable as reported.

Sample Collection/Condition

Chain of Custody/Sample Receipt SDG 580-20790-1

Samples were received in one cooler. The temperature of the cooler was 14.4°C upon arrival to the lab, the cooling process had begun. Samples had been delivered immediately after collection on August 2, 2010. The lab noted that the samples arrived in good condition, properly preserved and on ice with the following exceptions:

- One sample jar was received by the lab without a label. The lab determined by the process of elimination that the sample was SUP_SL_8 1-2 for 8270 and metal analysis.
- One sample jar for sample SUP_SL_22 0-1 was received with a cracked lid for 8270 and metal analysis. The lab replaced the lid during the lab login process.

Data qualified due to sample condition

Data were not qualified due to sample condition.

Chain of Custody/Sample Receipt SDG 580-20969-1

Samples were received in three coolers. The temperatures of the coolers were 10.5°, 8.5° and 5.9°C upon arrival to the lab, the cooling process had begun. Samples had been delivered immediately after collection on August 11, 2010. The lab noted that the samples arrived in good condition, properly preserved and on ice with the following exceptions:

- Sample SUP_SL_3 D3 listed on the COC was not received. Jeff King of Pacific Environmental Resources canceled this sample.
- Most of the methanol vials provided for 8260 analysis had different collection times recorded than times listed on the COC or other sample aliquots.
- Sample SUP_SL_15 8-10 (20969-58) showed evidence of methanol leakage during sampling/shipping.
- Samples SUP_SL_2 0-2, SUP_SL_2 2-4, SUP_SL_2 4-6, SUP_SL_2 6-8, SUP_SL_2 8-10, SUP_SL_2 10-12, SUP_SL_2 12-14 and SUP_SL_2 14-16 were originally collected and listed on the COC however the requested analyses were not indicated (checked) therefore the lab did not analyze the samples. This omission was not detected until September 7, 2010. Pioneer Technologies instructed the lab to analyze samples on September 8, 2010 at that time volatile organics by method 8260B and pentachlorophenol by method 8270C were outside of holding time. Pioneer Technologies corrected the sample ID for SUP_SL_2 0-2 (20969-13) to SUP_SL_2 1-2.

Data qualified due to Sample Condition

Sample SUP_SL_15 8-10 (20969-58) was qualified as estimated (J/UJ) due to methanol leakage. Detected and non-detected results may be biased low.

Samples SUP_SL_2 1-2, SUP_SL_2 2-4, SUP_SL_2 4-6, SUP_SL_2 6-8, SUP_SL_2 8-10, SUP_SL_2 10-12, SUP_SL_2 12-14 and SUP_SL_2 14-16 were qualified as estimated due to holding time exceedance for volatile organics and pentachlorophenol.

Chain of Custody/Sample Receipt SDG 580-20984-1

Samples were received in three coolers. The temperatures of coolers were 19.1°, 9.1°, and 7.1°C upon arrival to the lab; the cooling process had begun. Samples had been delivered immediately after collection on August 12, 2010. The lab noted that the samples arrived in good condition, properly preserved and on ice with the following exceptions:

- The container label for the following sample did not match the information on the Chain-of-Custody (COC). The container labels list SUP_42_DUP the COC listed SUP_SL DUP.
- Many methanol vials had different sampling times than the COC or other sample aliquots. Some methanol vials did not have the time recorded on the label.
- SUP_GW_13 and SUP_GW_12 required PH adjustment in the NWTPH-Dx aliquots.
- Sample SUP_SL_36 10-12 (20984-6) showed evidence of methanol leakage during sampling/shipping.
- A trip blank was submitted for analysis with the samples; however it was not listed on the Chain-of Custody. The lab did not analyze the trip blank.

Data qualified due to Sample Condition

Due to methanol leakage sample SUP_SL_36 10-12 (20984-6) was qualified as estimated (J/UJ) in the 8260 analysis. Results and reporting limits may be biased low.

Chain of Custody/Sample Receipt SDG 580-21283-1

Samples were received in one cooler. The temperature of cooler was 12.2°C upon arrival to the lab, the cooling process had begun. Samples had been delivered immediately after collection on August 31, 2010. The lab noted that the samples arrived in good condition, properly preserved and on ice. Discrepancies were not noted.

Data qualified due to Sample Condition

Data were not qualified due to sample condition.

References

"Phase I Remedial Investigation Work Plan for the Superlon Plastics Site," February 2010.

"Sampling and Analysis Plan & Quality Assurance Project Plan for the Superlon Plastics Site, Tacoma Washington," February 2010.

"USEPA National Functional Guidelines for Organic Review," October 1999.

"USEPA National Functional Guidelines for Inorganic Review," October 2004.

"USEPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods," July 1996

The following results were qualified for method 8260B.

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20790-1	SUP_SL_7 0-1	Solid	8260B	Toluene	5.7	ug/Kg	J	N	m
580-20790-1	SUP_SL_7 0-1	Solid	8260B	Benzene	8.8	ug/Kg	J	N	m
580-20790-1	SUP_SL_7 0-1	Solid	8260B	cis-1,2-Dichloroethene	18	ug/Kg	J	N	m
580-20790-1	SUP_SL_7 0-1	Solid	8260B	4-Isopropyltoluene	4.6	ug/Kg	UJ	H	a
580-20790-10	SUP_SL_22 0-1	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	i
580-20790-10	SUP_SL_22 0-1	Solid	8260B	m-Xylene & p-Xylene	31	ug/Kg	J	N	m
580-20790-10	SUP_SL_22 0-1	Solid	8260B	1,2,4-Trimethylbenzene	34	ug/Kg	J	N	m
580-20790-11	SUP_SL_22 1-2	Solid	8260B	o-Xylene	64	ug/Kg	J	N	m
580-20790-11	SUP_SL_22 1-2	Solid	8260B	m-Xylene & p-Xylene	52	ug/Kg	J	N	m
580-20790-11	SUP_SL_22 1-2	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	i
580-20790-11	SUP_SL_22 1-2	Solid	8260B	1,3,5-Trimethylbenzene	19	ug/Kg	J	N	m
580-20790-11	SUP_SL_22 1-2	Solid	8260B	1,2,4-Trimethylbenzene	37	ug/Kg	J	N	m
580-20790-11	SUP_SL_22 1-2	Solid	8260B	Toluene	9.4	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	Naphthalene	120	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	Toluene	68	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	o-Xylene	60	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	1,3,5-Trimethylbenzene	67	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	m-Xylene & p-Xylene	140	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	1,2,4-Trimethylbenzene	100	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	i
580-20790-12	SUP_SL_23 0-1	Solid	8260B	Benzene	60	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	cis-1,2-Dichloroethene	260	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	Ethylbenzene	110	ug/Kg	J	N	m
580-20790-12	SUP_SL_23 0-1	Solid	8260B	Isopropylbenzene	31	ug/Kg	J	N	m
580-20790-13	SUP_SL_23 1-2	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	i
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	o-Xylene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Ethylbenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	m-Xylene & p-Xylene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Toluene	5.7	ug/Kg	J	L	b,m
580-20790-2	SUP_SL_7 1-2	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Trichloroethene	28	ug/Kg	J	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	4-Isopropyltoluene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Benzene	8.4	ug/Kg	J	L	b,m
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20790-2	SUP_SL_7 1-2	Solid	8260B	cis-1,2-Dichloroethene	28	ug/Kg	J	L	b,m
580-20790-2	SUP_SL_7 1-2	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	b
580-20790-2	SUP_SL_7 1-2	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	b
580-20790-6	SUP_SL_20 0-1	Solid	8260B	4-Isopropyltoluene	16	ug/Kg	UJ	H	a
580-20790-6	SUP_SL_20 0-1	Solid	8260B	Benzene	25	ug/Kg	J	N	m
580-20790-6	SUP_SL_20 0-1	Solid	8260B	cis-1,2-Dichloroethene	68	ug/Kg	J	N	m
580-20790-6	SUP_SL_20 0-1	Solid	8260B	Ethylbenzene	17	ug/Kg	J	N	m
580-20790-6	SUP_SL_20 0-1	Solid	8260B	Isopropylbenzene	9.1	ug/Kg	J	N	m
580-20790-6	SUP_SL_20 0-1	Solid	8260B	m-Xylene & p-Xylene	63	ug/Kg	J	N	m
580-20790-6	SUP_SL_20 0-1	Solid	8260B	o-Xylene	59	ug/Kg	J	N	m
580-20790-6	SUP_SL_20 0-1	Solid	8260B	Toluene	20	ug/Kg	J	N	m
580-20790-6	SUP_SL_20 0-1	Solid	8260B	trans-1,2-Dichloroethene	44	ug/Kg	J	N	m
580-20790-6	SUP_SL_20 0-1	Solid	8260B	1,3,5-Trimethylbenzene	29	ug/Kg	J	N	m
580-20790-6	SUP_SL_20 0-1	Solid	8260B	1,2,4-Trimethylbenzene	56	ug/Kg	J	N	m
580-20790-7	SUP_SL_20 1-2	Solid	8260B	1,2,4-Trimethylbenzene	9.4	ug/Kg	J	N	m
580-20790-9	SUP_SL_21 1-2	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	i
580-20790-9	SUP_SL_21 1-2	Solid	8260B	1,2,4-Trimethylbenzene	34	ug/Kg	J	N	m
580-20969-14	SUP_SL_2 2-4	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	4-Isopropyltoluene	540	ug/Kg	J	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Benzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	cis-1,2-Dichloroethene	460	ug/Kg	J	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Toluene	570	ug/Kg	J	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	m-Xylene & p-Xylene	25	ug/Kg	J	L	e,m
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Ethylbenzene	26	ug/Kg	J	L	e,m
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Vinyl chloride	15	ug/Kg	J	L	e,m
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	e,i
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Trichloroethene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Tetrachloroethene	13	ug/Kg	J	N	e,i,m
580-20969-14	SUP_SL_2 2-4	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	Naphthalene	210	ug/Kg	J	L	e,i
580-20969-14	SUP_SL_2 2-4	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	e
580-20969-14	SUP_SL_2 2-4	Solid	8260B	o-Xylene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Naphthalene	220	ug/Kg	J	L	e,i
580-20969-16	SUP_SL_2 6-8	Solid	8260B	trans-1,2-Dichloroethene	530	ug/Kg	J	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Styrene	31	ug/Kg	J	L	e,m
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Trichlorofluoromethane	17	ug/Kg	J	L	e,i,m
580-20969-16	SUP_SL_2 6-8	Solid	8260B	4-Isopropyltoluene	51000	ug/Kg	J	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-16	SUP_SL_2 6-8	Solid	8260B	cis-1,2-Dichloroethene	29000	ug/Kg	J	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	o-Xylene	11	ug/Kg	J	L	e,m
580-20969-16	SUP_SL_2 6-8	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	m-Xylene & p-Xylene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Methylene Chloride	25	ug/Kg	J	L	e,m
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Ethylbenzene	16	ug/Kg	J	L	e,m
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Toluene	3000	ug/Kg	J	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,3,5-Trimethylbenzene	14	ug/Kg	J	L	e,m
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Trichloroethene	280	ug/Kg	J	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Benzene	47	ug/Kg	J	L	e,m
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Tetrachloroethene	740	ug/Kg	J	N	e,i
580-20969-16	SUP_SL_2 6-8	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,2,4-Trimethylbenzene	44	ug/Kg	J	L	e,m
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	e
580-20969-16	SUP_SL_2 6-8	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	4-Isopropyltoluene	1100	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,3,5-Trimethylbenzene	13	ug/Kg	J	L	e,m
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,3-Dichlorobenzene	30	ug/Kg	J	L	e,m
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,4-Dichlorobenzene	120	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Benzene	170	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,2-Dichlorobenzene	73	ug/Kg	J	L	e,m
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,2,4-Trimethylbenzene	7.2	ug/Kg	J	L	e,m
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,2,4-Trichlorobenzene	140	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,1-Dichloroethene	95	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	1,1-Dichloropropene	6.4	ug/Kg	J	L	e,m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Vinyl chloride	360	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	e,i
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Trichloroethene	5300	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	trans-1,2-Dichloroethene	1900	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Toluene	190	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Styrene	25	ug/Kg	J	L	e,m
580-20969-17	SUP_SL_2 8-10	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	o-Xylene	16	ug/Kg	J	L	e,m
580-20969-17	SUP_SL_2 8-10	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Hexachlorobutadiene	18	ug/Kg	UJ	N	e,a
580-20969-17	SUP_SL_2 8-10	Solid	8260B	m-Xylene & p-Xylene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Chlorobenzene	390	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Naphthalene	78	ug/Kg	J	L	e,i,m
580-20969-17	SUP_SL_2 8-10	Solid	8260B	cis-1,2-Dichloroethene	4400	ug/Kg	J	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Ethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	e
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Tetrachloroethene	72000	ug/Kg	J	N	e,i
580-20969-17	SUP_SL_2 8-10	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Ethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Toluene	14	ug/Kg	J	L	e,m
580-20969-18	SUP_SL_2 10-12	Solid	8260B	m-Xylene & p-Xylene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	e,i

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-18	SUP_SL_2 10-12	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Tetrachloroethene	26	ug/Kg	J	N	e,i,m
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Trichloroethene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	o-Xylene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	Benzene	9.4	ug/Kg	J	L	e,m
580-20969-18	SUP_SL_2 10-12	Solid	8260B	4-Isopropyltoluene	27	ug/Kg	J	L	e,m
580-20969-18	SUP_SL_2 10-12	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,4-Dichlorobenzene	22	ug/Kg	J	L	e,m
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-18	SUP_SL_2 10-12	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	m-Xylene & p-Xylene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Ethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	e,i
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Trichloroethene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	o-Xylene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Toluene	5.2	ug/Kg	J	L	e,m
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	UJ	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Chlorobenzene	7	ug/Kg	J	L	e,m
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	Benzene	16	ug/Kg	J	L	e,m
580-20969-19	SUP_SL_2 12-14	Solid	8260B	4-Isopropyltoluene	8.1	ug/Kg	J	L	e,m
580-20969-19	SUP_SL_2 12-14	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-19	SUP_SL_2 12-14	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Ethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	cis-1,2-Dichloroethene	4.3	ug/Kg	J	L	e,m
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Benzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	4-Isopropyltoluene	12	ug/Kg	J	L	e,m
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Trichloroethene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Toluene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	o-Xylene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	e,i
580-20969-20	SUP_SL_2 14-16	Solid	8260B	m-Xylene & p-Xylene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	e
580-20969-20	SUP_SL_2 14-16	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	e
580-20969-21	SUP_GW_1	Water	8260B	trans-1,2-Dichloroethene	0.23	ug/L	J	N	m
580-20969-21	SUP_GW_1	Water	8260B	4-Isopropyltoluene	0.67	ug/L	J	N	m
580-20969-21	SUP_GW_1	Water	8260B	Toluene	0.64	ug/L	J	N	m
580-20969-21	SUP_GW_1	Water	8260B	Benzene	0.077	ug/L	J	N	m
580-20969-21	SUP_GW_1	Water	8260B	Trichloroethene	0.55	ug/L	J	N	m
580-20969-22	SUP_SL_3 1-2	Solid	8260B	Ethylbenzene	12	ug/Kg	UJ	H	a
580-20969-22	SUP_SL_3 1-2	Solid	8260B	Benzene	9.8	ug/Kg	UJ	H	a
580-20969-22	SUP_SL_3 1-2	Solid	8260B	Toluene	16	ug/Kg	UJ	H	a
580-20969-22	SUP_SL_3 1-2	Solid	8260B	o-Xylene	14	ug/Kg	J	N	m
580-20969-22	SUP_SL_3 1-2	Solid	8260B	m-Xylene & p-Xylene	24	ug/Kg	UJ	H	a
580-20969-22	SUP_SL_3 1-2	Solid	8260B	4-Isopropyltoluene	12	ug/Kg	UJ	H	a
580-20969-23	SUP_SL_3 2-4	Solid	8260B	m-Xylene & p-Xylene	16	ug/Kg	UJ	H	a
580-20969-23	SUP_SL_3 2-4	Solid	8260B	Ethylbenzene	14	ug/Kg	UJ	H	a
580-20969-23	SUP_SL_3 2-4	Solid	8260B	Benzene	18	ug/Kg	UJ	H	a
580-20969-23	SUP_SL_3 2-4	Solid	8260B	Styrene	43	ug/Kg	J	N	m
580-20969-23	SUP_SL_3 2-4	Solid	8260B	Toluene	19	ug/Kg	UJ	H	a
580-20969-23	SUP_SL_3 2-4	Solid	8260B	1,2,4-Trimethylbenzene	7.4	ug/Kg	J	N	m
580-20969-24	SUP_SL_3 4-6	Solid	8260B	Chlorobenzene	18	ug/Kg	J	N	m
580-20969-24	SUP_SL_3 4-6	Solid	8260B	Benzene	16	ug/Kg	UJ	H	a
580-20969-24	SUP_SL_3 4-6	Solid	8260B	m-Xylene & p-Xylene	14	ug/Kg	UJ	H	a
580-20969-24	SUP_SL_3 4-6	Solid	8260B	1,1-Dichloroethene	17	ug/Kg	J	N	m
580-20969-25	SUP_SL_3 6-8	Solid	8260B	1,1-Dichloroethene	69	ug/Kg	J	N	m
580-20969-25	SUP_SL_3 6-8	Solid	8260B	Benzene	45	ug/Kg	UJ	H	a
580-20969-25	SUP_SL_3 6-8	Solid	8260B	Chlorobenzene	42	ug/Kg	J	N	m
580-20969-25	SUP_SL_3 6-8	Solid	8260B	Ethylbenzene	120	ug/Kg	J	N	m
580-20969-25	SUP_SL_3 6-8	Solid	8260B	4-Isopropyltoluene	79	ug/Kg	J	N	m
580-20969-26	SUP_SL_3 8-10	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-26	SUP_SL_3 8-10	Solid	8260B	trans-1,2-Dichloroethene	17	ug/Kg	J	N	m
580-20969-26	SUP_SL_3 8-10	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	i
580-20969-26	SUP_SL_3 8-10	Solid	8260B	4-Isopropyltoluene	20	ug/Kg	J	N	m
580-20969-26	SUP_SL_3 8-10	Solid	8260B	1,2,4-Trimethylbenzene	10	ug/Kg	J	N	m
580-20969-26	SUP_SL_3 8-10	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20969-26	SUP_SL_3 8-10	Solid	8260B	Ethylbenzene	16	ug/Kg	J	N	m
580-20969-27	SUP_SL_3 10-12	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	i
580-20969-27	SUP_SL_3 10-12	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20969-27	SUP_SL_3 10-12	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-28	SUP_SL_3 12-14	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	i
580-20969-28	SUP_SL_3 12-14	Solid	8260B	Tetrachloroethene	12	ug/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-28	SUP_SL_3 12-14	Solid	8260B	Toluene	32	ug/Kg	J	N	m
580-20969-28	SUP_SL_3 12-14	Solid	8260B	4-Isopropyltoluene	29	ug/Kg	J	N	m
580-20969-28	SUP_SL_3 12-14	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-28	SUP_SL_3 12-14	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20969-29	SUP_SL_3 14-16	Solid	8260B	4-Isopropyltoluene	28	ug/Kg	J	N	m
580-20969-29	SUP_SL_3 14-16	Solid	8260B	cis-1,2-Dichloroethene	17	ug/Kg	J	N	m
580-20969-29	SUP_SL_3 14-16	Solid	8260B	Tetrachloroethene	15	ug/Kg	J	N	m
580-20969-29	SUP_SL_3 14-16	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20969-29	SUP_SL_3 14-16	Solid	8260B	Toluene	34	ug/Kg	J	N	m
580-20969-29	SUP_SL_3 14-16	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	i
580-20969-29	SUP_SL_3 14-16	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-3	SUP_SL_1 2-4	Solid	8260B	4-Isopropyltoluene	370	ug/Kg	J	H	b
580-20969-3	SUP_SL_1 2-4	Solid	8260B	Toluene	620	ug/Kg	J	H	b
580-20969-3	SUP_SL_1 2-4	Solid	8260B	Ethylbenzene	14	ug/Kg	UJ	H	a,b
580-20969-31	SUP_SL_4 2-4	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-31	SUP_SL_4 2-4	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	i
580-20969-31	SUP_SL_4 2-4	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20969-32	SUP_SL_4 4-6	Solid	8260B	4-Isopropyltoluene	36	ug/Kg	J	N	m
580-20969-32	SUP_SL_4 4-6	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-32	SUP_SL_4 4-6	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	i
580-20969-32	SUP_SL_4 4-6	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20969-33	SUP_SL_4 6-8	Solid	8260B	1,2,4-Trimethylbenzene	180	ug/Kg	J	N	m
580-20969-33	SUP_SL_4 6-8	Solid	8260B	Toluene	190	ug/Kg	J	N	m
580-20969-33	SUP_SL_4 6-8	Solid	8260B	N-Propylbenzene	40	ug/Kg	J	N	m
580-20969-33	SUP_SL_4 6-8	Solid	8260B	Naphthalene	490	ug/Kg	J	L	i
580-20969-33	SUP_SL_4 6-8	Solid	8260B	m-Xylene & p-Xylene	130	ug/Kg	J	N	m
580-20969-33	SUP_SL_4 6-8	Solid	8260B	Ethylbenzene	58	ug/Kg	J	N	m
580-20969-33	SUP_SL_4 6-8	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20969-33	SUP_SL_4 6-8	Solid	8260B	cis-1,2-Dichloroethene	160	ug/Kg	J	N	m
580-20969-33	SUP_SL_4 6-8	Solid	8260B	Benzene	42	ug/Kg	J	N	m
580-20969-33	SUP_SL_4 6-8	Solid	8260B	1,3,5-Trimethylbenzene	72	ug/Kg	J	N	m
580-20969-33	SUP_SL_4 6-8	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-34	SUP_SL_4 8-10	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	b,i
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	b,i
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Benzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	4-Isopropyltoluene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Trichloroethene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Toluene	16	ug/Kg	J	L	b,m
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	m-Xylene & p-Xylene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	o-Xylene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	b,i
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Ethylbenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	b
580-20969-34	SUP_SL_4 8-10	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	b
580-20969-35	SUP_SL_4 10-12	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-35	SUP_SL_4 10-12	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	i
580-20969-35	SUP_SL_4 10-12	Solid	8260B	Toluene	30	ug/Kg	J	L	m
580-20969-35	SUP_SL_4 10-12	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20969-36	SUP_SL_4 12-14	Solid	8260B	m-Xylene & p-Xylene	46	ug/Kg	J	N	m
580-20969-36	SUP_SL_4 12-14	Solid	8260B	Toluene	6.9	ug/Kg	J	L	m
580-20969-36	SUP_SL_4 12-14	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-36	SUP_SL_4 12-14	Solid	8260B	N-Propylbenzene	10	ug/Kg	J	N	m
580-20969-36	SUP_SL_4 12-14	Solid	8260B	Ethylbenzene	43	ug/Kg	J	N	m
580-20969-36	SUP_SL_4 12-14	Solid	8260B	Benzene	5.4	ug/Kg	J	N	m
580-20969-36	SUP_SL_4 12-14	Solid	8260B	1,3,5-Trimethylbenzene	17	ug/Kg	J	N	m
580-20969-36	SUP_SL_4 12-14	Solid	8260B	1,2,4-Trimethylbenzene	63	ug/Kg	J	N	m
580-20969-36	SUP_SL_4 12-14	Solid	8260B	o-Xylene	24	ug/Kg	J	N	m
580-20969-37	SUP_SL_4 14-16	Solid	8260B	Isopropylbenzene	19	ug/Kg	J	N	m
580-20969-37	SUP_SL_4 14-16	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-37	SUP_SL_4 14-16	Solid	8260B	N-Propylbenzene	17	ug/Kg	J	N	m
580-20969-37	SUP_SL_4 14-16	Solid	8260B	4-Isopropyltoluene	13	ug/Kg	J	N	m
580-20969-37	SUP_SL_4 14-16	Solid	8260B	1,3,5-Trimethylbenzene	34	ug/Kg	J	N	m
580-20969-37	SUP_SL_4 14-16	Solid	8260B	o-Xylene	47	ug/Kg	J	N	m
580-20969-38	SUP_GW-2	Water	8260B	Toluene	0.26	ug/L	UJ	H	a
580-20969-38	SUP_GW-2	Water	8260B	N-Propylbenzene	0.18	ug/L	J	N	m
580-20969-38	SUP_GW-2	Water	8260B	Isopropylbenzene	0.42	ug/L	J	N	m
580-20969-38	SUP_GW-2	Water	8260B	Benzene	0.22	ug/L	J	N	m
580-20969-38	SUP_GW-2	Water	8260B	4-Isopropyltoluene	0.18	ug/L	J	N	m
580-20969-38	SUP_GW-2	Water	8260B	1,3,5-Trimethylbenzene	0.59	ug/L	J	N	m
580-20969-39	SUP_SL_5 1-2	Solid	8260B	Naphthalene	100	ug/Kg	J	L	i
580-20969-39	SUP_SL_5 1-2	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20969-39	SUP_SL_5 1-2	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-4	SUP_SL_1 4-6	Solid	8260B	cis-1,2-Dichloroethene	92	ug/Kg	J	N	m
580-20969-4	SUP_SL_1 4-6	Solid	8260B	1,2,4-Trimethylbenzene	39	ug/Kg	J	N	m
580-20969-4	SUP_SL_1 4-6	Solid	8260B	Benzene	44	ug/Kg	UJ	H	a
580-20969-4	SUP_SL_1 4-6	Solid	8260B	Chlorobenzene	26	ug/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-4	SUP_SL_1 4-6	Solid	8260B	m-Xylene & p-Xylene	55	ug/Kg	UJ	H	a
580-20969-4	SUP_SL_1 4-6	Solid	8260B	o-Xylene	17	ug/Kg	J	N	m
580-20969-40	SUP_SL_5 2-4	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-41	SUP_SL_5 4-6	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-42	SUP_SL_5 6-8	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-43	SUP_SL_5 8-10	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-44	SUP_SL_5 10-12	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-45	SUP_SL_5 12-14	Solid	8260B	Toluene	3.9	ug/Kg	J	N	m
580-20969-45	SUP_SL_5 12-14	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-46	SUP_SL_5 14-16	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-47	SUP_SL_6 1-2	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-48	SUP_SL_6 2-4	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-49	SUP_SL_6 4-6	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-50	SUP_SL_6 6-8	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-51	SUP_SL_6 8-10	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-52	SUP_SL_6 10-12	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-53	SUP_SL_6 12-14	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-53	SUP_SL_6 12-14	Solid	8260B	4-Isopropyltoluene	13	ug/Kg	J	N	m
580-20969-54	SUP_SL_6 14-16	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-55	SUP_SL_15 2-4	Solid	8260B	Tetrachloroethene	1.8	ug/Kg	J	L	i,m
580-20969-56	SUP_SL_15 4-6	Solid	8260B	Toluene	16	ug/Kg	J	N	m
580-20969-56	SUP_SL_15 4-6	Solid	8260B	Tetrachloroethene	16	ug/Kg	J	L	i,m
580-20969-56	SUP_SL_15 4-6	Solid	8260B	1,2,4-Trimethylbenzene	3.8	ug/Kg	J	N	m
580-20969-57	SUP_SL_15 6-8	Solid	8260B	4-Isopropyltoluene	140	ug/Kg	J	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	o-Xylene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Benzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	b,i
580-20969-57	SUP_SL_15 6-8	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-57	SUP_SL_15 6-8	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Trichloroethene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Ethylbenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Toluene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	m-Xylene & p-Xylene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,2,4-Trimethylbenzene	18	ug/Kg	J	L	b,m
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	b,i
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20969-57	SUP_SL_15 6-8	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	b,i

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Naphthalene	400	ug/Kg	J	L	p,i
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	o-Xylene	22	ug/Kg	J	L	p,m
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	m-Xylene & p-Xylene	29	ug/Kg	J	L	p,m
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Ethylbenzene	25	ug/Kg	J	L	p,m
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Toluene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	p,i
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,2,4-Trimethylbenzene	43	ug/Kg	J	L	p,m
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Trichloroethene	58	ug/Kg	J	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	p,i
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	p

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Benzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	4-Isopropyltoluene	160	ug/Kg	J	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,3,5-Trimethylbenzene	26	ug/Kg	J	L	p,m
580-20969-58	SUP_SL_15 8-10	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	p
580-20969-58	SUP_SL_15 8-10	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	p
580-20969-59	SUP_SL_15 10-12	Solid	8260B	Toluene	19	ug/Kg	J	N	m
580-20969-59	SUP_SL_15 10-12	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-59	SUP_SL_15 10-12	Solid	8260B	Benzene	11	ug/Kg	J	N	m
580-20969-59	SUP_SL_15 10-12	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-6	SUP_SL_1 8-10	Solid	8260B	Toluene	58	ug/Kg	J	N	m
580-20969-6	SUP_SL_1 8-10	Solid	8260B	Benzene	13	ug/Kg	UJ	H	a
580-20969-60	SUP_SL_15 12-14	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-60	SUP_SL_15 12-14	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-61	SUP_SL_15 14-16	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20969-61	SUP_SL_15 14-16	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20969-62	SUP_GW_5	Water	8260B	Vinyl chloride	0.83	ug/L	J	N	m
580-20969-62	SUP_GW_5	Water	8260B	cis-1,2-Dichloroethene	0.62	ug/L	J	N	m
580-20969-7	SUP_SL_1 10-12	Solid	8260B	Toluene	28	ug/Kg	UJ	H	a
580-20969-7	SUP_SL_1 10-12	Solid	8260B	4-Isopropyltoluene	80	ug/Kg	J	N	m
580-20969-7	SUP_SL_1 10-12	Solid	8260B	Ethylbenzene	9.8	ug/Kg	UJ	H	a
580-20969-8	SUP_SL_1 12-14	Solid	8260B	4-Isopropyltoluene	47	ug/Kg	J	N	m
580-20969-8	SUP_SL_1 12-14	Solid	8260B	Toluene	17	ug/Kg	UJ	H	a
580-20969-9	SUP_SL_1 14-16	Solid	8260B	Toluene	5.1	ug/Kg	UJ	H	a
580-20969-9	SUP_SL_1 14-16	Solid	8260B	Benzene	3.6	ug/Kg	UJ	H	a
580-20984-1	SUP_SL_36 1-2	Solid	8260B	Toluene	49	ug/Kg	J	N	m
580-20984-1	SUP_SL_36 1-2	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-1	SUP_SL_36 1-2	Solid	8260B	Tetrachloroethene	8.2	ug/Kg	J	N	m
580-20984-1	SUP_SL_36 1-2	Solid	8260B	1,2-Dichloroethane	34	ug/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-1	SUP_SL_36 1-2	Solid	8260B	N-Propylbenzene	62	ug/Kg	J	N	m
580-20984-1	SUP_SL_36 1-2	Solid	8260B	Ethylbenzene	32	ug/Kg	J	N	m
580-20984-1	SUP_SL_36 1-2	Solid	8260B	cis-1,2-Dichloroethene	32	ug/Kg	J	N	m
580-20984-1	SUP_SL_36 1-2	Solid	8260B	Benzene	14	ug/Kg	J	N	m
580-20984-10	SUP_SL_28 1-2	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20984-10	SUP_SL_28 1-2	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20984-10	SUP_SL_28 1-2	Solid	8260B	4-Isopropyltoluene	78	ug/Kg	J	N	m
580-20984-10	SUP_SL_28 1-2	Solid	8260B	Toluene	49	ug/Kg	J	N	m
580-20984-11	SUP_SL_28 2-4	Solid	8260B	1,2-Dichloroethane	38	ug/Kg	J	N	m
580-20984-11	SUP_SL_28 2-4	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-11	SUP_SL_28 2-4	Solid	8260B	Methylene Chloride	7.7	ug/Kg	J	N	m
580-20984-11	SUP_SL_28 2-4	Solid	8260B	Tetrachloroethene	10	ug/Kg	J	N	m
580-20984-12	SUP_SL_28 4-6	Solid	8260B	trans-1,2-Dichloroethene	19	ug/Kg	J	N	m
580-20984-12	SUP_SL_28 4-6	Solid	8260B	Methylene Chloride	19	ug/Kg	J	N	m
580-20984-12	SUP_SL_28 4-6	Solid	8260B	cis-1,2-Dichloroethene	30	ug/Kg	J	N	m
580-20984-12	SUP_SL_28 4-6	Solid	8260B	1,2-Dichlorobenzene	38	ug/Kg	J	N	m
580-20984-13	SUP_SL_28 6-8	Solid	8260B	trans-1,2-Dichloroethene	24	ug/Kg	J	N	m
580-20984-13	SUP_SL_28 6-8	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-13	SUP_SL_28 6-8	Solid	8260B	Tetrachloroethene	9	ug/Kg	J	N	m
580-20984-13	SUP_SL_28 6-8	Solid	8260B	1,2-Dichloroethane	40	ug/Kg	J	N	m
580-20984-14	SUP_SL_28 8-10	Solid	8260B	1,2,4-Trimethylbenzene	12	ug/Kg	J	N	m
580-20984-14	SUP_SL_28 8-10	Solid	8260B	Chlorobenzene	17	ug/Kg	J	N	m
580-20984-14	SUP_SL_28 8-10	Solid	8260B	Methylene Chloride	12	ug/Kg	UJ	H	a
580-20984-14	SUP_SL_28 8-10	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-14	SUP_SL_28 8-10	Solid	8260B	Toluene	9.5	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	m-Xylene & p-Xylene	47	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	o-Xylene	39	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	N-Propylbenzene	19	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	Toluene	22	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	Isopropylbenzene	13	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	Ethylbenzene	13	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	cis-1,2-Dichloroethene	12	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-15	SUP_SL_28 10-12	Solid	8260B	4-Isopropyltoluene	50	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	sec-Butylbenzene	12	ug/Kg	J	N	m
580-20984-15	SUP_SL_28 10-12	Solid	8260B	Chlorobenzene	16	ug/Kg	J	N	m
580-20984-16	SUP_SL_28 12-14	Solid	8260B	N-Propylbenzene	12	ug/Kg	J	N	m
580-20984-16	SUP_SL_28 12-14	Solid	8260B	1,3,5-Trimethylbenzene	66	ug/Kg	J	N	m
580-20984-16	SUP_SL_28 12-14	Solid	8260B	4-Isopropyltoluene	53	ug/Kg	J	N	m
580-20984-16	SUP_SL_28 12-14	Solid	8260B	Ethylbenzene	13	ug/Kg	J	N	m
580-20984-16	SUP_SL_28 12-14	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-16	SUP_SL_28 12-14	Solid	8260B	m-Xylene & p-Xylene	52	ug/Kg	J	N	m
580-20984-16	SUP_SL_28 12-14	Solid	8260B	o-Xylene	34	ug/Kg	J	N	m
580-20984-16	SUP_SL_28 12-14	Solid	8260B	Toluene	18	ug/Kg	J	N	m
580-20984-16	SUP_SL_28 12-14	Solid	8260B	Trichloroethene	8.1	ug/Kg	J	N	m
580-20984-16	SUP_SL_28 12-14	Solid	8260B	Isopropylbenzene	14	ug/Kg	J	N	m
580-20984-17	SUP_SL_28 14-16	Solid	8260B	N-Propylbenzene	5.9	ug/Kg	J	N	m
580-20984-17	SUP_SL_28 14-16	Solid	8260B	m-Xylene & p-Xylene	10	ug/Kg	J	N	m
580-20984-17	SUP_SL_28 14-16	Solid	8260B	Toluene	4.7	ug/Kg	J	N	m
580-20984-17	SUP_SL_28 14-16	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-17	SUP_SL_28 14-16	Solid	8260B	1,2,4-Trimethylbenzene	39	ug/Kg	J	N	m
580-20984-17	SUP_SL_28 14-16	Solid	8260B	Ethylbenzene	4.4	ug/Kg	J	N	m
580-20984-17	SUP_SL_28 14-16	Solid	8260B	o-Xylene	9.3	ug/Kg	J	N	m
580-20984-17	SUP_SL_28 14-16	Solid	8260B	1,3,5-Trimethylbenzene	12	ug/Kg	J	N	m
580-20984-18	SUP_SL_14 2-4	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-18	SUP_SL_14 2-4	Solid	8260B	4-Isopropyltoluene	6.9	ug/Kg	J	N	m
580-20984-19	SUP_SL_14 4-6	Solid	8260B	trans-1,2-Dichloroethene	27	ug/Kg	J	N	m
580-20984-2	SUP_SL_36 2-4	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-2	SUP_SL_36 2-4	Solid	8260B	1,2-Dichloroethane	49	ug/Kg	J	N	m
580-20984-2	SUP_SL_36 2-4	Solid	8260B	Ethylbenzene	55	ug/Kg	J	N	m
580-20984-2	SUP_SL_36 2-4	Solid	8260B	Isopropylbenzene	28	ug/Kg	J	N	m
580-20984-2	SUP_SL_36 2-4	Solid	8260B	N-Propylbenzene	48	ug/Kg	J	N	m
580-20984-2	SUP_SL_36 2-4	Solid	8260B	trans-1,2-Dichloroethene	30	ug/Kg	J	N	m
580-20984-2	SUP_SL_36 2-4	Solid	8260B	Tetrachloroethene	14	ug/Kg	J	N	m
580-20984-20	SUP_SL_14 6-8	Solid	8260B	trans-1,2-Dichloroethene	19	ug/Kg	J	N	m
580-20984-20	SUP_SL_14 6-8	Solid	8260B	Benzene	29	ug/Kg	J	N	m
580-20984-20	SUP_SL_14 6-8	Solid	8260B	1,2,4-Trimethylbenzene	46	ug/Kg	J	N	m
580-20984-20	SUP_SL_14 6-8	Solid	8260B	4-Isopropyltoluene	48	ug/Kg	J	N	m
580-20984-20	SUP_SL_14 6-8	Solid	8260B	Chlorobenzene	11	ug/Kg	J	N	m
580-20984-20	SUP_SL_14 6-8	Solid	8260B	Ethylbenzene	27	ug/Kg	J	N	m
580-20984-20	SUP_SL_14 6-8	Solid	8260B	o-Xylene	38	ug/Kg	J	N	m
580-20984-20	SUP_SL_14 6-8	Solid	8260B	m-Xylene & p-Xylene	77	ug/Kg	J	N	m
580-20984-21	SUP_SL_14 8-10	Solid	8260B	Tetrachloroethene	19	ug/Kg	J	N	m
580-20984-21	SUP_SL_14 8-10	Solid	8260B	Toluene	12	ug/Kg	J	N	m
580-20984-22	SUP_SL_14 10-12	Solid	8260B	trans-1,2-Dichloroethene	83	ug/Kg	J	N	m
580-20984-22	SUP_SL_14 10-12	Solid	8260B	Toluene	13	ug/Kg	J	N	m
580-20984-22	SUP_SL_14 10-12	Solid	8260B	Isopropylbenzene	21	ug/Kg	J	N	m
580-20984-23	SUP_SL_14 12-14	Solid	8260B	Tetrachloroethene	17	ug/Kg	J	N	m
580-20984-23	SUP_SL_14 12-14	Solid	8260B	Benzene	5.1	ug/Kg	J	N	m
580-20984-23	SUP_SL_14 12-14	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-24	SUP_SL_14 14-16	Solid	8260B	Methylene Chloride	5.1	ug/Kg	UJ	H	a
580-20984-24	SUP_SL_14 14-16	Solid	8260B	Benzene	3.6	ug/Kg	J	L	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-24	SUP_SL_14 14-16	Solid	8260B	Chlorobenzene	12	ug/Kg	J	L	m
580-20984-24	SUP_SL_14 14-16	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-25	SUP_GW_4	Water	8260B	1,3,5-Trimethylbenzene	0.44	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	Carbon tetrachloride	0.26	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	Bromobenzene	0.2	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	Benzene	0.77	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	4-Isopropyltoluene	0.46	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	4-Chlorotoluene	0.34	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	2-Chlorotoluene	0.43	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	Chloroform	0.82	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	1,3-Dichlorobenzene	0.21	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	Isopropylbenzene	0.46	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	1,2-Dichlorobenzene	0.18	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	1,2,4-Trimethylbenzene	0.42	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	1,2,4-Trichlorobenzene	0.4	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	1,4-Dichlorobenzene	0.14	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	1,2,3-Trichlorobenzene	0.37	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	Ethylbenzene	0.27	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	trans-1,2-Dichloroethene	0.39	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	m-Xylene & p-Xylene	0.59	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	Naphthalene	0.58	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	n-Butylbenzene	0.38	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	N-Propylbenzene	0.37	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	o-Xylene	0.44	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	sec-Butylbenzene	0.46	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	Styrene	0.43	ug/L	UJ	H	a
580-20984-25	SUP_GW_4	Water	8260B	tert-Butylbenzene	0.47	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	Toluene	0.32	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	Trichloroethene	0.47	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	Dichlorobromomethane	0.27	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	1,1-Dichloroethene	0.099	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	1,1,2-Trichloroethane	0.1	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	1,1-Dichloropropene	0.076	ug/L	J	N	m
580-20984-25	SUP_GW_4	Water	8260B	Trichlorofluoromethane	0.073	ug/L	J	N	m
580-20984-3	SUP_SL_36 4-6	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Naphthalene	1400	ug/Kg	J	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	o-Xylene	80	ug/Kg	J	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-3	SUP_SL_36 4-6	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	m-Xylene & p-Xylene	79	ug/Kg	J	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Toluene	41	ug/Kg	J	L	b,m
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Trichloroethene	22	ug/Kg	J	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Benzene	14	ug/Kg	J	L	b,m
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	cis-1,2-Dichloroethene	6.2	ug/Kg	J	L	b,m
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Methylene Chloride	5.2	ug/Kg	J	L	b,m
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Ethylbenzene	26	ug/Kg	J	L	b,m
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	4-Isopropyltoluene	140	ug/Kg	J	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	b,i
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,2,4-Trimethylbenzene	380	ug/Kg	J	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,2-Dichlorobenzene	24	ug/Kg	J	L	b,m
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,3,5-Trimethylbenzene	190	ug/Kg	J	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-20984-3	SUP_SL_36 4-6	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-20984-4	SUP_SL_36 6-8	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-20984-4	SUP_SL_36 6-8	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20984-44	SUP_SL_42 2-4	Solid	8260B	sec-Butylbenzene	57	ug/Kg	J	N	m
580-20984-44	SUP_SL_42 2-4	Solid	8260B	N-Propylbenzene	71	ug/Kg	J	N	m
580-20984-44	SUP_SL_42 2-4	Solid	8260B	Isopropylbenzene	56	ug/Kg	J	N	m
580-20984-44	SUP_SL_42 2-4	Solid	8260B	cis-1,2-Dichloroethene	68	ug/Kg	J	N	m
580-20984-45	SUP_SL_42 4-6	Solid	8260B	Naphthalene	77	ug/Kg	J	N	m
580-20984-45	SUP_SL_42 4-6	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-45	SUP_SL_42 4-6	Solid	8260B	1,2,4-Trimethylbenzene	43	ug/Kg	J	N	m
580-20984-45	SUP_SL_42 4-6	Solid	8260B	cis-1,2-Dichloroethene	46	ug/Kg	J	N	m
580-20984-45	SUP_SL_42 4-6	Solid	8260B	o-Xylene	18	ug/Kg	J	N	m
580-20984-45	SUP_SL_42 4-6	Solid	8260B	Toluene	26	ug/Kg	J	N	m
580-20984-45	SUP_SL_42 4-6	Solid	8260B	trans-1,2-Dichloroethene	23	ug/Kg	J	N	m
580-20984-45	SUP_SL_42 4-6	Solid	8260B	Trichloroethene	14	ug/Kg	J	N	m
580-20984-45	SUP_SL_42 4-6	Solid	8260B	4-Isopropyltoluene	28	ug/Kg	J	N	m
580-20984-46	SUP_SL_42 6-8	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-46	SUP_SL_42 6-8	Solid	8260B	Chlorobenzene	20	ug/Kg	J	N	m
580-20984-46	SUP_SL_42 6-8	Solid	8260B	Toluene	9.4	ug/Kg	J	N	m
580-20984-5	SUP_SL_36 8-10	Solid	8260B	Ethylbenzene	40	ug/Kg	J	N	m
580-20984-5	SUP_SL_36 8-10	Solid	8260B	cis-1,2-Dichloroethene	24	ug/Kg	J	N	m
580-20984-5	SUP_SL_36 8-10	Solid	8260B	N-Propylbenzene	31	ug/Kg	J	N	m
580-20984-5	SUP_SL_36 8-10	Solid	8260B	Toluene	94	ug/Kg	J	N	m
580-20984-5	SUP_SL_36 8-10	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-53	SUP_SL_37 2-4	Solid	8260B	1,2-Dichloroethane	39	ug/Kg	J	N	m
580-20984-53	SUP_SL_37 2-4	Solid	8260B	Ethylbenzene	81	ug/Kg	J	N	m
580-20984-53	SUP_SL_37 2-4	Solid	8260B	sec-Butylbenzene	58	ug/Kg	J	N	m
580-20984-53	SUP_SL_37 2-4	Solid	8260B	tert-Butylbenzene	16	ug/Kg	J	N	m
580-20984-53	SUP_SL_37 2-4	Solid	8260B	Tetrachloroethene	27	ug/Kg	J	N	m
580-20984-53	SUP_SL_37 2-4	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-53	SUP_SL_37 2-4	Solid	8260B	1,2-Dichlorobenzene	12	ug/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-54	SUP_SL_37 4-6	Solid	8260B	Ethylbenzene	28	ug/Kg	J	N	m
580-20984-54	SUP_SL_37 4-6	Solid	8260B	Trichlorofluoromethane	30	ug/Kg	J	N	m
580-20984-54	SUP_SL_37 4-6	Solid	8260B	Toluene	37	ug/Kg	J	N	m
580-20984-54	SUP_SL_37 4-6	Solid	8260B	sec-Butylbenzene	34	ug/Kg	J	N	m
580-20984-54	SUP_SL_37 4-6	Solid	8260B	Benzene	16	ug/Kg	J	N	m
580-20984-54	SUP_SL_37 4-6	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-54	SUP_SL_37 4-6	Solid	8260B	1,1-Dichloroethene	10	ug/Kg	J	N	m
580-20984-54	SUP_SL_37 4-6	Solid	8260B	Tetrachloroethene	14	ug/Kg	J	N	m
580-20984-55	SUP_SL_37 6-8	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-55	SUP_SL_37 6-8	Solid	8260B	Toluene	6.4	ug/Kg	J	N	m
580-20984-56	SUP_SL_37 8-10	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-56	SUP_SL_37 8-10	Solid	8260B	4-Isopropyltoluene	7	ug/Kg	J	N	m
580-20984-56	SUP_SL_37 8-10	Solid	8260B	Toluene	8.1	ug/Kg	J	N	m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Trichloroethene	7	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	4-Isopropyltoluene	19	ug/Kg	UJ	N	p,a
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Benzene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,3,5-Trimethylbenzene	16	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Chlorobenzene	11	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	p,i
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	p

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,2,4-Trimethylbenzene	45	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Toluene	16	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Tetrachloroethene	22	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	o-Xylene	13	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	N-Propylbenzene	6.4	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Ethylbenzene	8.4	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Methylene Chloride	ND	ug/Kg	UJ	L	p
580-20984-6	SUP_SL_36 10-12	Solid	8260B	m-Xylene & p-Xylene	22	ug/Kg	J	L	p,m
580-20984-6	SUP_SL_36 10-12	Solid	8260B	Naphthalene	290	ug/Kg	J	L	p
580-20984-7	SUP_SL_36 12-14	Solid	8260B	cis-1,2-Dichloroethene	9.9	ug/Kg	J	N	m
580-20984-7	SUP_SL_36 12-14	Solid	8260B	N-Propylbenzene	14	ug/Kg	J	N	m
580-20984-7	SUP_SL_36 12-14	Solid	8260B	m-Xylene & p-Xylene	42	ug/Kg	J	N	m
580-20984-7	SUP_SL_36 12-14	Solid	8260B	Ethylbenzene	12	ug/Kg	J	N	m
580-20984-7	SUP_SL_36 12-14	Solid	8260B	o-Xylene	44	ug/Kg	J	N	m
580-20984-7	SUP_SL_36 12-14	Solid	8260B	Benzene	11	ug/Kg	J	N	m
580-20984-7	SUP_SL_36 12-14	Solid	8260B	1,2-Dichlorobenzene	16	ug/Kg	J	N	m
580-20984-7	SUP_SL_36 12-14	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-20984-7	SUP_SL_36 12-14	Solid	8260B	Toluene	39	ug/Kg	J	N	m
580-20984-7	SUP_SL_36 12-14	Solid	8260B	Chlorobenzene	14	ug/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-8	SUP_SL_36 14-16	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-20984-8	SUP_SL_36 14-16	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	i
580-21283-1	SUP_SD_2_083110	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-21283-1	SUP_SD_2_083110	Solid	8260B	4-Isopropyltoluene	160	ug/Kg	J	N	m
580-21283-1	SUP_SD_2_083110	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-21283-1	SUP_SD_2_083110	Solid	8260B	Toluene	15	ug/Kg	J	N	m
580-21283-2	SUP_SD_3_083110	Solid	8260B	4-Isopropyltoluene	39	ug/Kg	J	N	m
580-21283-2	SUP_SD_3_083110	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-21283-2	SUP_SD_3_083110	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-21283-3	SUP_SD_4_083110	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-21283-3	SUP_SD_4_083110	Solid	8260B	Toluene	25	ug/Kg	J	N	m
580-21283-3	SUP_SD_4_083110	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-21283-4	SUP_SD_5_083110	Solid	8260B	Toluene	29	ug/Kg	J	H	b,m
580-21283-4	SUP_SD_5_083110	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-21283-4	SUP_SD_5_083110	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-21283-5	SUP_SD_6_083110	Solid	8260B	Toluene	86	ug/Kg	J	H	b,m
580-21283-5	SUP_SD_6_083110	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-21283-5	SUP_SD_6_083110	Solid	8260B	4-Isopropyltoluene	29	ug/Kg	J	H	b,m
580-21283-5	SUP_SD_6_083110	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	i
580-21283-6	SUP_SW_1_083110	Water	8260B	4-Isopropyltoluene	0.27	ug/L	UJ	H	a
580-21283-6	SUP_SW_1_083110	Water	8260B	Benzene	0.07	ug/L	J	N	m
580-21283-6	SUP_SW_1_083110	Water	8260B	Chlorobenzene	0.13	ug/L	J	N	m
580-21283-6	SUP_SW_1_083110	Water	8260B	cis-1,2-Dichloroethene	0.36	ug/L	J	N	m
580-21283-6	SUP_SW_1_083110	Water	8260B	N-Propylbenzene	0.16	ug/L	UJ	H	a
580-21283-6	SUP_SW_1_083110	Water	8260B	o-Xylene	0.17	ug/L	J	N	m
580-21283-6	SUP_SW_1_083110	Water	8260B	Styrene	0.2	ug/L	UJ	H	a
580-21283-6	SUP_SW_1_083110	Water	8260B	Tetrachloroethene	0.29	ug/L	UJ	N	a,i
580-21283-6	SUP_SW_1_083110	Water	8260B	Toluene	0.57	ug/L	J	N	m
580-21283-6	SUP_SW_1_083110	Water	8260B	trans-1,2-Dichloroethene	0.1	ug/L	J	N	m
580-21283-6	SUP_SW_1_083110	Water	8260B	Trichloroethene	0.072	ug/L	J	N	m
580-21283-6	SUP_SW_1_083110	Water	8260B	1,3,5-Trimethylbenzene	0.12	ug/L	UJ	H	a

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20790-1	SUP_SL_7 0-1	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-10	SUP_SL_22 0-1	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-11	SUP_SL_22 1-2	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-12	SUP_SL_23 0-1	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-13	SUP_SL_23 1-2	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-2	SUP_SL_7 1-2	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-3	SUP_SL_8 0-1	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-4	SUP_SL_8 1-2	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-5	SUP_SL_DUP	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-6	SUP_SL_20 0-1	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-7	SUP_SL_20 1-2	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-8	SUP_SL_21 0-1	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20790-9	SUP_SL_21 1-2	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-1	SUP_SL_1 0-1	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-13	SUP_SL_2 1-2	Solid	8270C	Pentachlorophenol	42	ug/Kg	J	L	x,e,c,m
580-20969-14	SUP_SL_2 2-4	Solid	8270C	Pentachlorophenol	54	ug/Kg	J	L	x,e,m
580-20969-15	SUP_SL_2 4-6	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-16	SUP_SL_2 6-8	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-17	SUP_SL_2 8-10	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-18	SUP_SL_2 10-12	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-19	SUP_SL_2 12-14	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-2	SUP_SL_1 1-2	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-20	SUP_SL_2 14-16	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-21	SUP_GW_1	Water	8270C	Pentachlorophenol	ND	ug/L			
580-20969-3	SUP_SL_1 2-4	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-31	SUP_SL_4 2-4	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-32	SUP_SL_4 4-6	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-33	SUP_SL_4 6-8	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-34	SUP_SL_4 8-10	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-35	SUP_SL_4 10-12	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-36	SUP_SL_4 12-14	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-37	SUP_SL_4 14-16	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-38	SUP_GW-2	Water	8270C	Pentachlorophenol	ND	ug/L			
580-20969-4	SUP_SL_1 4-6	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-5	SUP_SL_1 6-8	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-6	SUP_SL_1 8-10	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-62	SUP_GW_5	Water	8270C	Pentachlorophenol	ND	ug/L			
580-20969-7	SUP_SL_1 10-12	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-8	SUP_SL_1 12-14	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20969-9	SUP_SL_1 14-16	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-20984-34	SUP_GW_12	Water	8270C	Pentachlorophenol	ND	ug/L			
580-21283-1	SUP_SD_2_083110	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-21283-2	SUP_SD_3_083110	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-21283-3	SUP_SD_4_083110	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-21283-4	SUP_SD_5_083110	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x
580-21283-5	SUP_SD_6_083110	Solid	8270C	Pentachlorophenol	ND	ug/Kg	UR	L	x

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-26	SUP_SL_38 1-2	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	97	mg/Kg	J	L	x
580-20984-26	SUP_SL_38 1-2	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	270	mg/Kg	J	L	x
580-20984-27	SUP_SL_38 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	150	mg/Kg	J	L	x
580-20984-27	SUP_SL_38 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	250	mg/Kg	J	L	x
580-20984-28	SUP_SL_38 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	1100	mg/Kg	J	L	x
580-20984-28	SUP_SL_38 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	550	mg/Kg	J	L	x
580-20984-29	SUP_SL_38 6-8	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	16	mg/Kg	J	L	x,m
580-20984-29	SUP_SL_38 6-8	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	88	mg/Kg	J	L	x
580-20984-30	SUP_SL_38 8-10	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	8.2	mg/Kg	J	L	x,m
580-20984-30	SUP_SL_38 8-10	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	32	mg/Kg	UJ	N	a,x
580-20984-31	SUP_SL_38 10-12	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	130	mg/Kg	J	L	x
580-20984-31	SUP_SL_38 10-12	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	660	mg/Kg	J	L	x
580-20984-32	SUP_SL_38 12-14	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	14	mg/Kg	J	L	x,m
580-20984-32	SUP_SL_38 12-14	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	57	mg/Kg	J	L	x,m
580-20984-33	SUP_SL_38 14-16	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	140	mg/Kg	J	L	x
580-20984-33	SUP_SL_38 14-16	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	19	mg/Kg	J	L	x,m
580-20984-34	SUP_GW_12	Water	NWTPH-Dx	#2 Diesel (C10-C24)	1	mg/L			
580-20984-34	SUP_GW_12	Water	NWTPH-Dx	Motor Oil (>C24-C36)	1.3	mg/L			
580-20984-35	SUP_SL_41 1-2	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	130	mg/Kg	J	L	x
580-20984-35	SUP_SL_41 1-2	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	2200	mg/Kg	J	L	x
580-20984-36	SUP_SL_41 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	170	mg/Kg	J	L	x
580-20984-36	SUP_SL_41 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	35	mg/Kg	J	L	x
580-20984-37	SUP_SL_41 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	58	mg/Kg	J	L	x,f
580-20984-37	SUP_SL_41 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	540	mg/Kg	J	L	x
580-20984-38	SUP_SL_41 6-8	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	20	mg/Kg	J	L	x
580-20984-38	SUP_SL_41 6-8	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	190	mg/Kg	J	L	x
580-20984-39	SUP_SL_41 8-10	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	10	mg/Kg	J	L	x,m
580-20984-39	SUP_SL_41 8-10	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	47	mg/Kg	UJ	N	a,x
580-20984-40	SUP_SL_41 10-12	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	74	mg/Kg	J	L	x,m
580-20984-40	SUP_SL_41 10-12	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	10	mg/Kg	J	L	x,m
580-20984-41	SUP_SL_41 12-14	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	7.3	mg/Kg	J	L	x,m
580-20984-41	SUP_SL_41 12-14	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	21	mg/Kg	UJ	N	a,x
580-20984-42	SUP_SL_41 14-16	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UR	L	x
580-20984-42	SUP_SL_41 14-16	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	14	mg/Kg	UJ	N	a,x
580-20984-44	SUP_SL_42 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	18000	mg/Kg	J	L	x
580-20984-44	SUP_SL_42 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	6800	mg/Kg	J	L	x
580-20984-45	SUP_SL_42 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	20000	mg/Kg	J	L	x
580-20984-45	SUP_SL_42 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	8900	mg/Kg	J	L	x
580-20984-46	SUP_SL_42 6-8	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	190	mg/Kg	J	L	x
580-20984-46	SUP_SL_42 6-8	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	16	mg/Kg	J	L	x,m
580-20984-9	SUP_GW_13	Water	NWTPH-Dx	#2 Diesel (C10-C24)	1.6	mg/L			

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-9	SUP_GW_13	Water	NWTPH-Dx	Motor Oil (>C24-C36)	2	mg/L			
580-21283-1	SUP_SD_2_083110	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	300	mg/Kg	J	L	x
580-21283-1	SUP_SD_2_083110	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	3600	mg/Kg	J	L	x
580-21283-2	SUP_SD_3_083110	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	160	mg/Kg	J	L	x
580-21283-2	SUP_SD_3_083110	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	2200	mg/Kg	J	L	x
580-21283-3	SUP_SD_4_083110	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	1600	mg/Kg	J	L	x
580-21283-3	SUP_SD_4_083110	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	140	mg/Kg	J	L	x
580-21283-4	SUP_SD_5_083110	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	2100	mg/Kg	J	L	x
580-21283-4	SUP_SD_5_083110	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	220	mg/Kg	J	L	x
580-21283-5	SUP_SD_6_083110	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	2200	mg/Kg	J	L	x
580-21283-5	SUP_SD_6_083110	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	200	mg/Kg	J	L	x

The following results were qualified for method NWTPH-Gx.

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-34	SUP_GW_12	Water	NWTPH-Gx	Gasoline	0.017	mg/L	UJ	H	a
580-20984-37	SUP_SL_41 4-6	Solid	NWTPH-Gx	Gasoline	1.5	mg/Kg	J	N	m
580-20984-4	SUP_SL_36 6-8	Solid	NWTPH-Gx	Gasoline	5.5	mg/Kg	J	N	m
580-20984-45	SUP_SL_42 4-6	Solid	NWTPH-Gx	Gasoline	12	mg/Kg	J	N	m

The following results were qualified for method 6010B.

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20790-1	SUP_SL_7 0-1	Solid	6010B	Arsenic	680	mg/Kg	J	H	c,f
580-20790-1	SUP_SL_7 0-1	Solid	6010B	Cadmium	0.51	mg/Kg	J	N	m
580-20790-1	SUP_SL_7 0-1	Solid	6010B	Lead	1100	mg/Kg	J	N	f
580-20790-12	SUP_SL_23 0-1	Solid	6010B	Cadmium	1.3	mg/Kg	J	N	m
580-20790-13	SUP_SL_23 1-2	Solid	6010B	Cadmium	0.65	mg/Kg	J	N	m
580-20790-3	SUP_SL_8 0-1	Solid	6010B	Cadmium	0.29	mg/Kg	J	N	m
580-20790-4	SUP_SL_8 1-2	Solid	6010B	Arsenic	1300	mg/Kg	J	N	n
580-20790-4	SUP_SL_8 1-2	Solid	6010B	Lead	310	mg/Kg	J	N	n
580-20790-5	SUP_SL_DUP	Solid	6010B	Arsenic	3600	mg/Kg	J	N	n
580-20790-5	SUP_SL_DUP	Solid	6010B	Lead	12000	mg/Kg	J	N	n
580-20790-8	SUP_SL_21 0-1	Solid	6010B	Cadmium	0.71	mg/Kg	J	N	m
580-20790-9	SUP_SL_21 1-2	Solid	6010B	Cadmium	0.91	mg/Kg	J	N	m
580-20969-1	SUP_SL_1 0-1	Solid	6010B	Cadmium	0.26	mg/Kg	J	N	m
580-20969-11	SL_1A D2	Solid	6010B	Cadmium	0.36	mg/Kg	J	N	m
580-20969-13	SUP_SL_2 1-2	Solid	6010B	Arsenic	46	mg/Kg	J	H	c
580-20969-13	SUP_SL_2 1-2	Solid	6010B	Lead	27	mg/Kg	J	H	c,f
580-20969-13	SUP_SL_2 1-2	Solid	6010B	Cadmium	0.078	mg/Kg	J	N	m
580-20969-16	SUP_SL_2 6-8	Solid	6010B	Cadmium	0.74	mg/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-17	SUP_SL_2 8-10	Solid	6010B	Cadmium	0.17	mg/Kg	J	N	m
580-20969-18	SUP_SL_2 10-12	Solid	6010B	Cadmium	0.15	mg/Kg	J	N	m
580-20969-2	SUP_SL_1 1-2	Solid	6010B	Cadmium	0.27	mg/Kg	J	N	m
580-20969-20	SUP_SL_2 14-16	Solid	6010B	Arsenic	1.5	mg/Kg	J	N	m
580-20969-22	SUP_SL_3 1-2	Solid	6010B	Cadmium	0.4	mg/Kg	J	N	m
580-20969-23	SUP_SL_3 2-4	Solid	6010B	Cadmium	0.32	mg/Kg	J	N	m
580-20969-24	SUP_SL_3 4-6	Solid	6010B	Cadmium	0.21	mg/Kg	J	N	m
580-20969-26	SUP_SL_3 8-10	Solid	6010B	Cadmium	0.28	mg/Kg	J	N	m
580-20969-27	SUP_SL_3 10-12	Solid	6010B	Arsenic	640	mg/Kg	J	L	c
580-20969-27	SUP_SL_3 10-12	Solid	6010B	Cadmium	0.42	mg/Kg	J	N	m
580-20969-28	SUP_SL_3 12-14	Solid	6010B	Cadmium	0.33	mg/Kg	J	N	m
580-20969-29	SUP_SL_3 14-16	Solid	6010B	Cadmium	0.17	mg/Kg	J	N	m
580-20969-3	SUP_SL_1 2-4	Solid	6010B	Cadmium	0.48	mg/Kg	J	N	m
580-20969-34	SUP_SL_4 8-10	Solid	6010B	Cadmium	0.52	mg/Kg	J	N	m
580-20969-35	SUP_SL_4 10-12	Solid	6010B	Cadmium	0.55	mg/Kg	J	N	m
580-20969-36	SUP_SL_4 12-14	Solid	6010B	Cadmium	0.26	mg/Kg	J	N	m
580-20969-37	SUP_SL_4 14-16	Solid	6010B	Cadmium	0.18	mg/Kg	J	N	m
580-20969-4	SUP_SL_1 4-6	Solid	6010B	Cadmium	0.39	mg/Kg	J	N	m
580-20969-45	SUP_SL_5 12-14	Solid	6010B	Arsenic	2.2	mg/Kg	J	N	m
580-20969-45	SUP_SL_5 12-14	Solid	6010B	Cadmium	0.14	mg/Kg	J	N	m
580-20969-46	SUP_SL_5 14-16	Solid	6010B	Arsenic	780	mg/Kg	J	N	f,g
580-20969-46	SUP_SL_5 14-16	Solid	6010B	Lead	1400	mg/Kg	J	N	f,g
580-20969-5	SUP_SL_1 6-8	Solid	6010B	Cadmium	0.71	mg/Kg	J	N	m
580-20969-50	SUP_SL_6 6-8	Solid	6010B	Cadmium	0.27	mg/Kg	J	N	m
580-20969-51	SUP_SL_6 8-10	Solid	6010B	Cadmium	0.093	mg/Kg	J	N	m
580-20969-51	SUP_SL_6 8-10	Solid	6010B	Arsenic	0.66	mg/Kg	J	N	m
580-20969-54	SUP_SL_6 14-16	Solid	6010B	Cadmium	0.099	mg/Kg	J	N	m
580-20969-55	SUP_SL_15 2-4	Solid	6010B	Cadmium	0.31	mg/Kg	J	N	m
580-20969-56	SUP_SL_15 4-6	Solid	6010B	Cadmium	0.21	mg/Kg	J	N	m
580-20969-57	SUP_SL_15 6-8	Solid	6010B	Cadmium	0.29	mg/Kg	J	N	m
580-20969-6	SUP_SL_1 8-10	Solid	6010B	Cadmium	0.38	mg/Kg	J	N	m
580-20969-60	SUP_SL_15 12-14	Solid	6010B	Arsenic	2.1	mg/Kg	J	N	m
580-20969-61	SUP_SL_15 14-16	Solid	6010B	Cadmium	0.17	mg/Kg	J	N	m
580-20969-7	SUP_SL_1 10-12	Solid	6010B	Cadmium	0.15	mg/Kg	J	N	m
580-20969-8	SUP_SL_1 12-14	Solid	6010B	Cadmium	0.2	mg/Kg	J	N	m
580-20969-9	SUP_SL_1 14-16	Solid	6010B	Arsenic	2.3	mg/Kg	J	N	m
580-20969-9	SUP_SL_1 14-16	Solid	6010B	Cadmium	0.22	mg/Kg	J	N	m
580-20984-1	SUP_SL_36 1-2	Solid	6010B	Arsenic	560	mg/Kg	J	L	c
580-20984-1	SUP_SL_36 1-2	Solid	6010B	Cadmium	4	mg/Kg	J	L	c
580-20984-1	SUP_SL_36 1-2	Solid	6010B	Lead	690	mg/Kg	J	N	g
580-20984-14	SUP_SL_28 8-10	Solid	6010B	Cadmium	0.68	mg/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-17	SUP_SL_28 14-16	Solid	6010B	Cadmium	0.46	mg/Kg	J	N	m
580-20984-20	SUP_SL_14 6-8	Solid	6010B	Cadmium	0.56	mg/Kg	J	N	m
580-20984-21	SUP_SL_14 8-10	Solid	6010B	Cadmium	0.42	mg/Kg	J	N	m
580-20984-22	SUP_SL_14 10-12	Solid	6010B	Lead	21	mg/Kg	J	L	c,g
580-20984-23	SUP_SL_14 12-14	Solid	6010B	Cadmium	0.25	mg/Kg	J	N	m
580-20984-24	SUP_SL_14 14-16	Solid	6010B	Cadmium	0.25	mg/Kg	J	N	m
580-20984-26	SUP_SL_38 1-2	Solid	6010B	Cadmium	0.2	mg/Kg	J	N	m
580-20984-27	SUP_SL_38 2-4	Solid	6010B	Cadmium	0.18	mg/Kg	J	N	m
580-20984-27	SUP_SL_38 2-4	Solid	6010B	Arsenic	1.7	mg/Kg	J	N	m
580-20984-28	SUP_SL_38 4-6	Solid	6010B	Arsenic	1.9	mg/Kg	J	N	m
580-20984-29	SUP_SL_38 6-8	Solid	6010B	Cadmium	0.13	mg/Kg	J	N	m
580-20984-30	SUP_SL_38 8-10	Solid	6010B	Arsenic	4	mg/Kg	J	N	m
580-20984-30	SUP_SL_38 8-10	Solid	6010B	Cadmium	0.41	mg/Kg	J	N	m
580-20984-31	SUP_SL_38 10-12	Solid	6010B	Cadmium	0.34	mg/Kg	J	N	m
580-20984-33	SUP_SL_38 14-16	Solid	6010B	Cadmium	0.39	mg/Kg	J	N	m
580-20984-39	SUP_SL_41 8-10	Solid	6010B	Cadmium	0.36	mg/Kg	J	N	m
580-20984-41	SUP_SL_41 12-14	Solid	6010B	Cadmium	0.4	mg/Kg	J	N	m
580-20984-41	SUP_SL_41 12-14	Solid	6010B	Arsenic	2.3	mg/Kg	J	N	m
580-20984-42	SUP_SL_41 14-16	Solid	6010B	Arsenic	2.1	mg/Kg	J	N	m
580-20984-42	SUP_SL_41 14-16	Solid	6010B	Cadmium	0.36	mg/Kg	J	N	m
580-20984-44	SUP_SL_42 2-4	Solid	6010B	Lead	3200	mg/Kg	J	N	g
580-20984-44	SUP_SL_42 2-4	Solid	6010B	Cadmium	12	mg/Kg	J	L	c,g
580-20984-44	SUP_SL_42 2-4	Solid	6010B	Arsenic	2000	mg/Kg	J	N	g
580-20984-45	SUP_SL_42 4-6	Solid	6010B	Cadmium	0.74	mg/Kg	J	N	m
580-20984-47	SUP_SL_42 8-10	Solid	6010B	Cadmium	0.55	mg/Kg	J	N	m
580-20984-47	SUP_SL_42 8-10	Solid	6010B	Arsenic	4.9	mg/Kg	J	N	m
580-20984-48	SUP_SL_42 10-12	Solid	6010B	Cadmium	0.37	mg/Kg	J	N	m
580-20984-49	SUP_SL_42 12-14	Solid	6010B	Cadmium	0.35	mg/Kg	J	N	m
580-20984-50	SUP_SL_42 14-16	Solid	6010B	Cadmium	0.27	mg/Kg	J	N	n,m
580-20984-50	SUP_SL_42 14-16	Solid	6010B	Lead	7.6	mg/Kg	J	N	n
580-20984-50	SUP_SL_42 14-16	Solid	6010B	Arsenic	19	mg/Kg	J	N	n
580-20984-51	SUP_SL_DUP	Solid	6010B	Arsenic	1500	mg/Kg	J	N	n
580-20984-51	SUP_SL_DUP	Solid	6010B	Cadmium	0.99	mg/Kg	J	N	n
580-20984-51	SUP_SL_DUP	Solid	6010B	Lead	1400	mg/Kg	J	N	n
580-20984-56	SUP_SL_37 8-10	Solid	6010B	Cadmium	0.66	mg/Kg	J	N	m
580-20984-57	SUP_SL_37 10-12	Solid	6010B	Cadmium	0.43	mg/Kg	J	N	m
580-20984-58	SUP_SL_37 12-14	Solid	6010B	Arsenic	1.6	mg/Kg	J	N	m
580-20984-6	SUP_SL_36 10-12	Solid	6010B	Cadmium	0.44	mg/Kg	J	N	m
580-21283-1	SUP_SD_2_083110	Solid	6010B	Lead	32	mg/Kg	J	N	f
580-21283-1	SUP_SD_2_083110	Solid	6010B	Cadmium	0.39	mg/Kg	UJ	H	a

The following results were qualified in method 6020:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20969-21	SUP_GW_1	Water	6020	Lead	0.00046	mg/L	J	N	m
580-20969-62	SUP_GW_5	Water	6020	Lead	0.00046	mg/L	J	N	m
580-20984-25	SUP_GW_4	Water	6020	Lead	0.0009	mg/L	J	N	m
580-21283-6	SUP_SW_1_083110	Water	6020	Cadmium	0.00021	mg/L	J	N	m

The following results were qualified in method 7470A:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-20984-25	SUP_GW_4	Water	7470A	Mercury	4.2e-005	mg/L	J	N	m

Data Quality Summary

8260B

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	6018			
TOTAL QUALIFIED DATA	1097	18.2%		
TOTAL REJECTED DATA				
Qualified/Rejected as a result of:				
m - Numerical value is between the MDL and RL	246	4.1%	22.4%	N
e - Holding time exceeded	313	5.2%	28.5%	L
b - Surrogate spike recovery outside control limits	218	3.6%	19.9%	L
p - Sample was not properly collected, preserved or shipped	98	1.6%	8.9%	L
i - Instrument calibration outside control limits	90	1.5%	8.2%	L
a - The analyte was found in the method blank	44	0.7%	4.0%	H
e,m - Multiple Reasons	27	0.4%	2.5%	L
p,m - Multiple Reasons	15	0.2%	1.4%	L
b,m - Multiple Reasons	11	0.2%	1.0%	L
b,i - Multiple Reasons	7	0.1%	0.6%	L
e,i - Multiple Reasons	7	0.1%	0.6%	L
p,i - Multiple Reasons	4	0.1%	0.4%	L
b,m - Multiple Reasons	3	0.0%	0.3%	H
b - Surrogate spike recovery outside control	2	0.0%	0.2%	H
e,i - Multiple Reasons	2	0.0%	0.2%	N
e,i,m - Multiple Reasons	2	0.0%	0.2%	N
e,i,m - Multiple Reasons	2	0.0%	0.2%	L
i,m - Multiple Reasons	2	0.0%	0.2%	L
a,b - Multiple Reasons	1	0.0%	0.1%	H
a,i - Multiple Reasons	1	0.0%	0.1%	N
e,a - Multiple Reasons	1	0.0%	0.1%	N
p,a - Multiple Reasons	1	0.0%	0.1%	N

Data Quality Summary

8270C - Pentachlorophenol

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	46			
TOTAL QUALIFIED DATA	42	91.3%		
TOTAL REJECTED DATA	40	87.0%		
Qualified/Rejected as a result of:				
x - Improper Sample Prep	40	87.0%	95.2%	L
x,e,m - Multiple Reasons	1	2.2%	2.4%	L
x,c,e,m - Multiple Reasons	1	2.2%	2.4%	L

Data Quality Summary

NWTPH-Dx	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	52			
TOTAL QUALIFIED DATA	47	90.4%		
TOTAL REJECTED DATA	1	1.9%		
Qualified/Rejected as a result of:				
x - Improper Sample Prep.	32	61.5%	68.1%	L
x,m - Multiple Reasons	10	19.2%	21.3%	L
a,x - Multiple Reasons	4	7.7%	8.5%	N
x,f - Multiple Reasons	1	1.9%	2.1%	L

Data Quality Summary

NWTPH-Gx

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	21			
TOTAL QUALIFIED DATA	4	19.0%		
TOTAL REJECTED DATA				
Qualified/Rejected as a result of:				
m - Numerical value is between the MDL and RL	3	14.3%	75.0%	N
a - The analyte was found in the method blank	1	4.8%	25.0%	H

Data Quality Summary

6010B Metals

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	396			
TOTAL QUALIFIED DATA	99	25.0%		
TOTAL REJECTED DATA				
Qualified/Rejected as a result of:				
m - Numerical value is between the MDL and RL	73	18.4%	73.7%	N
a - The analyte was found in the method blank	1	0.3%	1.0%	H
n - Field duplicate precision problem	9	2.3%	9.1%	N
c - MS/MSD recovery outside control limits	3	0.8%	3.0%	L
g - Serial dilution exceeded criteria	3	0.8%	3.0%	N
c,f - Multiple Reasons	2	0.5%	2.0%	H
c,g - Multiple Reasons	2	0.5%	2.0%	L
f - Laboratory duplicate failed precision criteria	2	0.5%	2.0%	N
f,g - Multiple Reasons	2	0.5%	2.0%	N
c - MS/MSD recovery outside control limits	1	0.3%	1.0%	H
n,m - Multiple Reasons	1	0.3%	1.0%	N

Data Quality Summary

6020B Metals

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	36			
TOTAL QUALIFIED DATA	4	11.1%		
TOTAL REJECTED DATA				
Qualified/Rejected as a result of:				
m - Numerical value is between the MDL and RL	4	11.1%	100.0%	N

Chemical Data Quality Review

Superlon Plastics Site

Phase I Remedial Investigation

September-October 2010 Sampling Events

Sample Delivery Groups

580-21738-1

580-21738-3

580-21738-4

580-22215-1

Prepared for

Pacific Environmental and Redevelopment

**Prepared by
Joan Heath**

**218 Palm Ave.
Modesto, CA 95350
(209) 523-9670**

Introduction

This report summarizes the data quality review of analytical results generated in support of the Phase I Remedial Investigation sampling event for the Superlon Plastics Site in Tacoma, Washington. The criteria applied are consistent with analytical method protocols, in conjunction with the laboratory-established control limits. In cases where specific guidance was not available from between these sources, the data have been evaluated using professional judgment consistent with industry standards. The review included evaluation of chain-of-custody, holding time and summary information for blanks (to assess contamination), sample duplicates (to assess precision), matrix spike and surrogate recoveries (to assess matrix effect), laboratory control samples and instrument calibration to assess (accuracy). Level IV validation (raw data verification) was not performed.

This report summarizes the data quality review of data contained in sample delivery groups (SDGs) 580-21738-1, 580-21738-3, 580-2738-4 and 580-22215-1.

The report is arranged by method; within each method section is a sub-section addressing each data quality indicator. Only situations in which data were impacted by quality control exceedance will be discussed.

I certify that all data validation criteria described above was assessed, and any qualifications made to the data were in accordance with the cited reference documents.

Authorized Signature

Qualifier and Reason Code (RC) Definitions

U	The analyte was not detected above the reported method detection limit.
UJ	The analyte was not detected above the reported method detection limit. However, the reported Limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J/none	The sample results for the analyte are estimated for positive results, results reported below the quantitation limit are not qualified (high bias).
J/UJ	Sample results for the analyte are estimated for both positive and results reported below the quantitation limit (low bias).
R/UR	The sample results are rejected for both positive results and results reported below the detection limit due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
a	The analyte was found in the method blank or interference check sample
a-	Negative drift observed in instrument calibration blanks or interference check sample
b	Surrogate spike recovery outside control limits
c	Matrix Spike/Matrix Spike Duplicate (MS/MSD) recovery outside control limits
d	Laboratory Control Sample (LCS) recovery outside control limits
e	Holding time exceeded
f	MS/LCS sample duplicate failed precision criteria
h	Second column results indicate that the results were not confirmed
i	Instrument calibration outside of control limits
k	The analyte was found in the field blank
m	Numerical value is between the MDL and RL
n	Field duplicate precision exceedance
o	Results reported exceed calibration range
p	Sample was not properly collected, preserved or shipped
s	Internal Standard outside of control limits
t	Sample temperature outside acceptance criteria
x	Sample improperly prepared
g	Serial dilution exceeded criteria

Executive Summary

Two concrete samples and one solid and one aqueous sample were collected by Pacific Environmental and Redevelopment September 21, 2010 and October 14, 2010. Samples were hand delivered to TestAmerica Laboratories, Inc. in Tacoma, Washington the same day of collection. Samples were prepared for TCLP by method 1311 and analyzed for pentachlorophenol by method 8270C (GC/MS) and arsenic, cadmium and lead by method 6010B (ICP) and mercury by method 7470A. In addition, concrete samples were analyzed for PCBs by method 8082 and total RCRA metals.

The key data evaluation findings include the following:

- Holding times were exceeded for PCBs and mercury in concrete samples BCS-1 and BCM-1. Results for these samples were qualified as estimated.

TCLP-PCP by Method 8270C

The following number of samples were prepared and analyzed by the listed methods:

2 Concrete samples	1311/3550B/8270C
1 Solid	1311/3550B/8270C
1 aqueous sample	1311/3520C/8270C

Holding Time

All samples were prepared and analyzed within required method holding times. Preparation and analyses dates reported were verified against supporting documentation. Discrepancies were not observed.

Surrogates/Internal Standards

All surrogate recoveries met recovery criteria. Internal standards met response and retention time criteria.

Blanks

Method blanks were prepared and analyzed at the required frequency. Pentachlorophenol was non-detected.

Field blanks were not collected for this method.

Calibrations/Tunes

Instrument tunes were performed at the required frequency and met all method specific criteria. Pentachlorophenol met linearity and response criteria for method 8270C. A second source standard (initial calibration verification) met recovery limits. Continuing calibrations were performed at the required frequency and met response and % drift requirements.

Matrix Spike/Matrix Spike Duplicates

A matrix spike was performed on DWD-1 and met recovery criteria.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

Sample Quantitation/ Compound Identification

A level IV review was not performed on this group of samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. All samples were non-detected for pentachlorophenol.

Field Duplicates

Field duplicates were not collected for this method.

Overall Assessment

All quality control criteria were met for this method. Data are useable as reported.

TCLP & Total RCRA Metals

The following number of samples were prepared and analyzed by the listed methods:

2 concrete samples	1311/3050B/6010B/7470A
2 concrete samples	3050B/6010B/7471A
1 Solid sample	1311/3050B/6010B/7470A
1 aqueous sample	1311/3005A/6020/7470A

Holding Times

All samples were prepared and analyzed within required method holding times except the following:

Field ID	Lab ID	analyte	Date Coll.	Date Anal	ACHT	RTHT	Qual	Bias	RC
BCM-1	21738-1	mercury	9/21/10	12/8/10	87	28	J/UJ	Low	e
BCS-1	21738-2	mercury	9/21/10	12/8/10	87	28	J/UJ	Low	e

Calibrations

Initial calibration verification and continuing calibrations were analyzed at the required frequency. All target analytes met method recovery criteria (90-110%).

Blanks

Method blanks were prepared and analyzed at the required frequency. All target analytes were non-detected.

Field blanks were not collected for analysis by this method.

Matrix Spikes/ Sample Duplicates

Matrix spikes and sample duplicates were performed on sample BCM-1 all recovery and precision criteria were met.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

ICP Serial Dilution

ICP serial dilution was not performed on associated samples.

Field Duplicates

Field duplicates were not collected for this method.

Analyte Quantitation

A level IV review was not performed on this group of samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. Three results were reported below the reporting limit and are flagged "J" for TCLP metals. Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Overall Assessment

Three results were reported below the reporting limit and are qualified as estimated due to low concentrations detected for TCLP metals. Mercury results for total RCRA metals are qualified as estimated due to holding time exceedance results may be biased low.

Method 8082 (PCBs)

The following number of samples were prepared and analyzed by the listed methods:

2 concrete samples 3550C/8082

Holding Times

The following samples exceeded holding times:

Field ID	Lab ID	Date Coll.	Date Extr/Anal	ACHT	RTHT	Qual	Bias	RC
BCM-1	21738-1	9/21/10	12/2/10 12/2/10	81/0	14/40	J/UJ	None	e
BCS-1	21738-2	9/21/10	12/2/10 12/2/10	81/0	14/40	J/UJ	None	e

PCBs are very stable and therefore results are not expected to be biased low.

Surrogates

All surrogate recoveries met recovery criteria.

Blanks

Method blanks were prepared and analyzed at the required frequency. PCBs were non-detected.

Calibrations

All PCBs met linearity criteria for method 8082. Continuing calibrations were performed at the required frequency with all percent differences less than 20%.

Matrix Spike/Matrix Duplicates

A MS/MSD was performed on sample BCM-1(580-21738-1) recovery and precision criteria were met.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within the required limits.

Sample Quantitation/ Compound Identification

A level IV review was not performed on this group of samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. All results were reported as non-detected for PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260.

Field Duplicates

Field duplicate samples were not collected for this method.

Additional Comments

PCBs by method 8082 were requested for samples BCM-1 and BCS-1 on November 12, 2010. The sampling location for these samples was under water at that time and could not be accessed therefore a decision was made to analyze samples that had been previously collected. Samples were outside of holding time at the time the request for analysis was made.

Overall Assessment

Non-detected results in samples BCM-1 and BCS-1 are qualified as estimated due to holding time exceedance.

Sample Collection/Condition

Chain of Custody/Sample Receipt SDG 580-21738-1

Samples were received without a cooler therefore a temperature upon receipt was not recorded. Samples had been hand delivered immediately after collection on September 21, 2010 in zip-lock plastic bags. The lab noted that the samples arrived in good condition. PCB analysis by method 8082 was requested on November 11, 2011 at this time holding times had been exceeded. Total RCRA metals by methods 6010B and 7471A were requested on December 6, 2010 at this time holding times for mercury had been exceeded.

Data qualified due to sample condition

Samples BCM-1 and BCS-1 were qualified as estimated for PCBs and mercury due to holding time exceedance.

Chain of Custody/Sample Receipt SDG 580-22215-1

Samples were received without a cooler therefore a temperature upon receipt was not recorded. Samples had been hand delivered immediately after collection on October 14, 2010. The lab noted that the samples arrived in good condition and properly preserved. The lab noted the following discrepancy.

- The time recorded on one of the container labels for sample DWD-1 did not match the time recorded on the chain of custody.

Data qualified due to Sample Condition

Data were not qualified due to sample condition.

References

"Phase I Remedial Investigation Work Plan for the Superlon Plastics Site," February 2010.

"Sampling and Analysis Plan & Quality Assurance Project Plan for the Superlon Plastics Site, Tacoma Washington," February 2010.

"USEPA National Functional Guidelines for Organic Review," October 1999.

"USEPA National Functional Guidelines for Inorganic Review," October 2004.

"USEPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods," July 1996

The following results were qualified for PCB analysis:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-21738-1	BCM-1	Solid	8082	PCB-1016	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1221	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1232	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1242	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1248	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1254	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1260	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1016	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1221	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1232	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1242	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1248	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1254	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1260	ND	mg/Kg	UJ	N	e

The following results were qualified for total RCRA metal analysis

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-21738-1	BCM-1	Solid	7471A	Mercury	0.068	mg/Kg	J	L	e
580-21738-2	BCS-1	Solid	7471A	Mercury	0.31	mg/Kg	J	L	e

The following results were qualified for TCLP metals:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-21738-1	BCM-1	Solid	6010B	Arsenic	0.03	mg/L	J	N	m
580-21738-2	BCS-1	Solid	6010B	Arsenic	0.051	mg/L	J	N	m
580-22215-2	DCD-1	Solid	7470A	Mercury	0.00053	mg/L	J	N	m

Chemical Data Quality Review

Superlon Plastics Site

Phase I Remedial Investigation

September-October 2010 Sampling Events

Sample Delivery Groups

580-21738-1

580-21738-3

580-21738-4

580-22215-1

Prepared for

Pacific Environmental and Redevelopment

**Prepared by
Joan Heath**

**218 Palm Ave.
Modesto, CA 95350
(209) 523-9670**

Introduction

This report summarizes the data quality review of analytical results generated in support of the Phase I Remedial Investigation sampling event for the Superlon Plastics Site in Tacoma, Washington. The criteria applied are consistent with analytical method protocols, in conjunction with the laboratory-established control limits. In cases where specific guidance was not available from between these sources, the data have been evaluated using professional judgment consistent with industry standards. The review included evaluation of chain-of-custody, holding time and summary information for blanks (to assess contamination), sample duplicates (to assess precision), matrix spike and surrogate recoveries (to assess matrix effect), laboratory control samples and instrument calibration to assess (accuracy). Level IV validation (raw data verification) was not performed.

This report summarizes the data quality review of data contained in sample delivery groups (SDGs) 580-21738-1, 580-21738-3, 580-2738-4 and 580-22215-1.

The report is arranged by method; within each method section is a sub-section addressing each data quality indicator. Only situations in which data were impacted by quality control exceedance will be discussed.

I certify that all data validation criteria described above was assessed, and any qualifications made to the data were in accordance with the cited reference documents.

Authorized Signature

Qualifier and Reason Code (RC) Definitions

U	The analyte was not detected above the reported method detection limit.
UJ	The analyte was not detected above the reported method detection limit. However, the reported Limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J/none	The sample results for the analyte are estimated for positive results, results reported below the quantitation limit are not qualified (high bias).
J/UJ	Sample results for the analyte are estimated for both positive and results reported below the quantitation limit (low bias).
R/UR	The sample results are rejected for both positive results and results reported below the detection limit due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
a	The analyte was found in the method blank or interference check sample
a-	Negative drift observed in instrument calibration blanks or interference check sample
b	Surrogate spike recovery outside control limits
c	Matrix Spike/Matrix Spike Duplicate (MS/MSD) recovery outside control limits
d	Laboratory Control Sample (LCS) recovery outside control limits
e	Holding time exceeded
f	MS/LCS sample duplicate failed precision criteria
h	Second column results indicate that the results were not confirmed
i	Instrument calibration outside of control limits
k	The analyte was found in the field blank
m	Numerical value is between the MDL and RL
n	Field duplicate precision exceedance
o	Results reported exceed calibration range
p	Sample was not properly collected, preserved or shipped
s	Internal Standard outside of control limits
t	Sample temperature outside acceptance criteria
x	Sample improperly prepared
g	Serial dilution exceeded criteria

Executive Summary

Two concrete samples and one solid and one aqueous sample were collected by Pacific Environmental and Redevelopment September 21, 2010 and October 14, 2010. Samples were hand delivered to TestAmerica Laboratories, Inc. in Tacoma, Washington the same day of collection. Samples were prepared for TCLP by method 1311 and analyzed for pentachlorophenol by method 8270C (GC/MS) and arsenic, cadmium and lead by method 6010B (ICP) and mercury by method 7470A. In addition, concrete samples were analyzed for PCBs by method 8082 and total RCRA metals.

The key data evaluation findings include the following:

- Holding times were exceeded for PCBs and mercury in concrete samples BCS-1 and BCM-1. Results for these samples were qualified as estimated.

TCLP-PCP by Method 8270C

The following number of samples were prepared and analyzed by the listed methods:

2 Concrete samples	1311/3550B/8270C
1 Solid	1311/3550B/8270C
1 aqueous sample	1311/3520C/8270C

Holding Time

All samples were prepared and analyzed within required method holding times. Preparation and analyses dates reported were verified against supporting documentation. Discrepancies were not observed.

Surrogates/Internal Standards

All surrogate recoveries met recovery criteria. Internal standards met response and retention time criteria.

Blanks

Method blanks were prepared and analyzed at the required frequency. Pentachlorophenol was non-detected.

Field blanks were not collected for this method.

Calibrations/Tunes

Instrument tunes were performed at the required frequency and met all method specific criteria. Pentachlorophenol met linearity and response criteria for method 8270C. A second source standard (initial calibration verification) met recovery limits. Continuing calibrations were performed at the required frequency and met response and % drift requirements.

Matrix Spike/Matrix Spike Duplicates

A matrix spike was performed on DWD-1 and met recovery criteria.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

Sample Quantitation/ Compound Identification

A level IV review was not performed on this group of samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. All samples were non-detected for pentachlorophenol.

Field Duplicates

Field duplicates were not collected for this method.

Overall Assessment

All quality control criteria were met for this method. Data are useable as reported.

TCLP & Total RCRA Metals

The following number of samples were prepared and analyzed by the listed methods:

2 concrete samples	1311/3050B/6010B/7470A
2 concrete samples	3050B/6010B/7471A
1 Solid sample	1311/3050B/6010B/7470A
1 aqueous sample	1311/3005A/6020/7470A

Holding Times

All samples were prepared and analyzed within required method holding times except the following:

Field ID	Lab ID	analyte	Date Coll.	Date Anal	ACHT	RTHT	Qual	Bias	RC
BCM-1	21738-1	mercury	9/21/10	12/8/10	87	28	J/UJ	Low	e
BCS-1	21738-2	mercury	9/21/10	12/8/10	87	28	J/UJ	Low	e

Calibrations

Initial calibration verification and continuing calibrations were analyzed at the required frequency. All target analytes met method recovery criteria (90-110%).

Blanks

Method blanks were prepared and analyzed at the required frequency. All target analytes were non-detected.

Field blanks were not collected for analysis by this method.

Matrix Spikes/ Sample Duplicates

Matrix spikes and sample duplicates were performed on sample BCM-1 all recovery and precision criteria were met.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

ICP Serial Dilution

ICP serial dilution was not performed on associated samples.

Field Duplicates

Field duplicates were not collected for this method.

Analyte Quantitation

A level IV review was not performed on this group of samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. Three results were reported below the reporting limit and are flagged "J" for TCLP metals. Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Overall Assessment

Three results were reported below the reporting limit and are qualified as estimated due to low concentrations detected for TCLP metals. Mercury results for total RCRA metals are qualified as estimated due to holding time exceedance results may be biased low.

Method 8082 (PCBs)

The following number of samples were prepared and analyzed by the listed methods:

2 concrete samples 3550C/8082

Holding Times

The following samples exceeded holding times:

Field ID	Lab ID	Date Coll.	Date Extr/Anal	ACHT	RTHT	Qual	Bias	RC
BCM-1	21738-1	9/21/10	12/2/10 12/2/10	81/0	14/40	J/UJ	None	e
BCS-1	21738-2	9/21/10	12/2/10 12/2/10	81/0	14/40	J/UJ	None	e

PCBs are very stable and therefore results are not expected to be biased low.

Surrogates

All surrogate recoveries met recovery criteria.

Blanks

Method blanks were prepared and analyzed at the required frequency. PCBs were non-detected.

Calibrations

All PCBs met linearity criteria for method 8082. Continuing calibrations were performed at the required frequency with all percent differences less than 20%.

Matrix Spike/Matrix Duplicates

A MS/MSD was performed on sample BCM-1(580-21738-1) recovery and precision criteria were met.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within the required limits.

Sample Quantitation/ Compound Identification

A level IV review was not performed on this group of samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. All results were reported as non-detected for PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260.

Field Duplicates

Field duplicate samples were not collected for this method.

Additional Comments

PCBs by method 8082 were requested for samples BCM-1 and BCS-1 on November 12, 2010. The sampling location for these samples was under water at that time and could not be accessed therefore a decision was made to analyze samples that had been previously collected. Samples were outside of holding time at the time the request for analysis was made.

Overall Assessment

Non-detected results in samples BCM-1 and BCS-1 are qualified as estimated due to holding time exceedance.

Sample Collection/Condition

Chain of Custody/Sample Receipt SDG 580-21738-1

Samples were received without a cooler therefore a temperature upon receipt was not recorded. Samples had been hand delivered immediately after collection on September 21, 2010 in zip-lock plastic bags. The lab noted that the samples arrived in good condition. PCB analysis by method 8082 was requested on November 11, 2011 at this time holding times had been exceeded. Total RCRA metals by methods 6010B and 7471A were requested on December 6, 2010 at this time holding times for mercury had been exceeded.

Data qualified due to sample condition

Samples BCM-1 and BCS-1 were qualified as estimated for PCBs and mercury due to holding time exceedance.

Chain of Custody/Sample Receipt SDG 580-22215-1

Samples were received without a cooler therefore a temperature upon receipt was not recorded. Samples had been hand delivered immediately after collection on October 14, 2010. The lab noted that the samples arrived in good condition and properly preserved. The lab noted the following discrepancy.

- The time recorded on one of the container labels for sample DWD-1 did not match the time recorded on the chain of custody.

Data qualified due to Sample Condition

Data were not qualified due to sample condition.

References

"Phase I Remedial Investigation Work Plan for the Superlon Plastics Site," February 2010.

"Sampling and Analysis Plan & Quality Assurance Project Plan for the Superlon Plastics Site, Tacoma Washington," February 2010.

"USEPA National Functional Guidelines for Organic Review," October 1999.

"USEPA National Functional Guidelines for Inorganic Review," October 2004.

"USEPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods," July 1996

The following results were qualified for PCB analysis:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-21738-1	BCM-1	Solid	8082	PCB-1016	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1221	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1232	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1242	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1248	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1254	ND	mg/Kg	UJ	N	e
580-21738-1	BCM-1	Solid	8082	PCB-1260	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1016	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1221	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1232	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1242	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1248	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1254	ND	mg/Kg	UJ	N	e
580-21738-2	BCS-1	Solid	8082	PCB-1260	ND	mg/Kg	UJ	N	e

The following results were qualified for total RCRA metal analysis

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-21738-1	BCM-1	Solid	7471A	Mercury	0.068	mg/Kg	J	L	e
580-21738-2	BCS-1	Solid	7471A	Mercury	0.31	mg/Kg	J	L	e

The following results were qualified for TCLP metals:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-21738-1	BCM-1	Solid	6010B	Arsenic	0.03	mg/L	J	N	m
580-21738-2	BCS-1	Solid	6010B	Arsenic	0.051	mg/L	J	N	m
580-22215-2	DCD-1	Solid	7470A	Mercury	0.00053	mg/L	J	N	m

Chemical Data Quality Review

Superlon Plastics Site

Phase I Remedial Investigation

November 2010 Field Sampling Event

Sample Delivery Groups

580-22957-1

580-22988-1

Prepared for

Pacific Environmental and Redevelopment

**Prepared by
Joan Heath**

**218 Palm Ave.
Modesto, CA 95350
(209) 523-9670**

Introduction

This report summarizes the data quality review of analytical results generated in support of the November 2010 Phase I Remedial Investigation sampling event for the Superlon Plastics Site in Tacoma, Washington. The criteria applied are consistent with analytical method protocols, in conjunction with the laboratory-established control limits. In cases where specific guidance was not available from between these sources, the data have been evaluated using professional judgment consistent with industry standards. The review included evaluation of chain-of-custodies, holding time and summary information for blanks (to assess contamination), sample duplicates (to assess precision), matrix spike and surrogate recoveries (to assess matrix effect), laboratory control samples and instrument calibration to assess (accuracy). Level IV validation (raw data verification) was not performed.

This report summarizes the data quality review of data contained in sample delivery groups (SDGs) 580-22957-1 and 580-22988-1.

The report is arranged by method; within each method section is a sub-section addressing each data quality indicator. Only situations in which data were impacted by quality control exceedance will be discussed.

I certify that all data validation criteria described above was assessed, and any qualifications made to the data were in accordance with the cited reference documents.

Authorized Signature

Qualifier and Reason Code (RC) Definition

The following qualifiers and reason codes may be used in this report:

- U The analyte was not detected above the reported method detection limit.
- UJ The analyte was not detected above the reported method detection limit. However, the reported Limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- J/none The sample results for the analyte are estimated for positive results, results reported below the quantitation limit are not qualified (high bias).
- J/UJ Sample results for the analyte are estimated for both positive and results reported below the quantitation limit (low bias).
- R/UR The sample results are rejected for both positive results and results reported below the detection limit due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- a The analyte was found in the method blank
- a- Negative drift observed in instrument calibration blanks
- b Surrogate spike recovery outside control limits
- c Matrix Spike/Matrix Spike Duplicate (MS/MSD) recovery outside control limits
- d Laboratory Control Sample (LCS) recovery outside control limits
- e Holding time exceeded
- f MS/LCS sample duplicate failed precision criteria
- h Second column results indicate that the results were not confirmed
- i Instrument calibration outside of control limits
- k The analyte was found in the field blank
- m Numerical value is between the MDL and RL
- n Field duplicate precision exceedance
- o Results reported exceed calibration range
- p Sample was not properly collected, preserved or shipped
- s Internal Standard outside of control limits
- t Sample temperature outside acceptance criteria
- x Sample improperly prepared
- g Serial dilution exceeded criteria

Executive Summary

Seventy-four soil samples, three groundwater samples and three soil field duplicates were collected by Pacific Environmental and Redevelopment on November 15, 2010 and November 16, 2010. Samples were hand delivered to TestAmerica Laboratories, Inc. in Tacoma, Washington the same day of collection. Samples were analyzed for volatile organics by method 8260B (GC/MS), pentachlorophenol by method 8270C (GC/MS), organochlorine pesticides by method 8081A, diesel and motor oil by NWTPH-Dx, gasoline by NWTPH-Gx, and arsenic, cadmium and lead by method 6010B (ICP) for solid samples or method 6020(ICP/MS) for water samples.

The key data evaluation findings include the following:

- Volatile organics by method 8260B are of acceptable quality. Approximately (15.5%) of the results are qualified.
- Pentachlorophenol in one water sample was rejected due to low surrogate recovery. Pentachlorophenol results in the soil matrix met all quality control criteria.
- A significant amount of data (58.9%) was qualified for organochlorine pesticides by method 8081A. Most data were qualified due to matrix effect.
- Extractable fuels by method NWTPH-Dx data are significantly impacted. Detected and non-detected results in soil samples (96.7%) of data were qualified as estimated due to improper sample preparation technique.
- Gasoline data by method NWTPH-Gx are of good quality.
- Metals data are of good quality. Most qualifications (11.7%) made to the metals data are due to low concentrations detected. Some matrix effect and matrix interference for lead was exhibited in the matrix spikes and serial dilutions.

Volatile Organics by method 8260B/5030/5035

The following number of samples were prepared and analyzed by the listed methods:

62 Soils	5035/8260B
2 Ground Waters	5030/8260B
1 solid Trip Blank	5035/8260B
1 aqueous Trip Blank	5030/8260B

Holding Time

All samples were analyzed within the required technical holding time except the following:

Field ID	Lab ID	Date Coll	Date Anal	ACHT	RTHT	Qual	Bias	RC
SUP_GW_11	22957-44	11/15/10	12/1/10	15	14	J/UJ	Low	e
SUP_SL_34 8-10	22957-30	11/15/10	12/1/10	15	14	J/UJ	Low	e
Trip Blank	22957-63	11/15/10	12/1/10	15	14	J/UJ	Low	e
SUP_GW_10	22988-6	11/16/10	12/1/10	15	14	J/UJ	Low	e

Detected and non-detected results may be biased low.

Sample SUP_SL_34 8-10 (22957-30) was reanalyzed at a dilution due to the high concentration of 1,2,4-trimethylbenzene detected. The result for 1,2,4-trimethylbenzene is qualified as estimated due to holding time exceedance.

In SDG 580-22957-1 approximately 60% of samples were analyzed on the last day of holding time.

Surrogates/Internal Standards

Surrogate recoveries exceeded the control limits in the following samples:

Field ID	Lab ID	Surrogate	% Rec	QC Limits	Qual	Bias/RC
SUP_SL_29 14-16	22957-7	trifluorotoluene	70	75-125	J/UJ	Low b
SUP_SL_32 8-10	22957-13	trifluorotoluene	146	75-125	J/None	High b
SUP_SL_33 12-14	22957-24	trifluorotoluene	130	75-125	J/None	High b

Detected and non-detected results may be biased as shown.

Data were not qualified due to internal standard exceedance.

Blanks

Method blanks were prepared and analyzed at the required frequency. The following compounds were qualified as non-detected (UJ) due to method blank contamination:

Field ID	Lab ID	Compound	Result/Qual	Blank ID	Bias/RC
SUP_SL_34 12-14	22957-32	benzene	7.5 UJ	580-76049	High a
SUP_SL_34 12-14	22957-32	trichloroethene	14 UJ	580-76049	High a
SUP_SL_34 14-16	22957-33	benzene	5.2 UJ	580-76049	High a
SUP_SL_34 14-16	22957-33	trichloroethene	13 UJ	580-76049	High a
SUP_SL_35 0-1	22957-35	benzene	10 UJ	580-76049	High a
SUP_SL_35 0-1	22957-35	trichloroethene	16 UJ	580-76049	High a
SUP_SL_35 0-1	22957-35	naphthalene	22 UJ	580-76049	High a

Field ID	Lab ID	Compound	Result/Qual	Blank ID	Bias/RC
SUP_SL_35 1-2	22957-36	benzene	8.4 UJ	580-76049	High a
SUP_SL_35 1-2	22957-36	trichloroethene	15 UJ	580-76049	High a
SUP_SL_35 1-2	22957-36	naphthalene	32 UJ	580-76049	High a
SUP_SL_35 4-6	22957-38	benzene	8.9 UJ	580-76049	High a
SUP_SL_35 4-6	22957-38	trichloroethene	12 UJ	580-76049	High a
SUP_SL_35 6-8	22957-39	benzene	7.4 UJ	580-76049	High a
SUP_SL_35 6-8	22957-39	trichloroethene	13 UJ	580-76049	High a
SUP_SL_35 8-10	22957-40	benzene	7.8 UJ	580-76049	High a
SUP_SL_35 8-10	22957-40	trichloroethene	12 UJ	580-76049	High a
SUP_SL_35 10-12	22957-41	benzene	6.5 UJ	580-76049	High a
SUP_SL_35 10-12	22957-41	trichloroethene	11 UJ	580-76049	High a
SUP_SL_35 12-14	22957-42	benzene	7.1 UJ	580-76049	High a
SUP_SL_35 12-14	22957-42	trichloroethene	8.2 UJ	580-76049	High a
SUP_SL_35 14-16	22957-43	benzene	4.6 UJ	580-76049	High a
SUP_SL_35 14-16	22957-43	trichloroethene	3.8 UJ	580-76049	High a
SUP_SL_39 1-2	22957-45	benzene	7 UJ	580-76049	High a
SUP_SL_39 1-2	22957-45	trichloroethene	7.3 UJ	580-76049	High a
SUP_SL_39 2-4	22957-46	trichloroethene	5.2 UJ	580-76049	High a
SUP_SL_39 4-6	22957-47	trichloroethene	6.1 UJ	580-76049	High a
SUP_SL_39 6-8	22957-48	benzene	5.3 UJ	580-76049	High a
SUP_SL_39 6-8	22957-48	trichloroethene	5.6 UJ	580-76049	High a
SUP_SL_39 8-10	22957-49	benzene	13 UJ	580-76049	High a
SUP_SL_39 8-10	22957-49	trichloroethene	6.4 UJ	580-76049	High a
SUP_SL_39 10-12	22957-50	benzene	8 UJ	580-76049	High a
SUP_SL_39 10-12	22957-50	trichloroethene	6.1 UJ	580-76049	High a
SUP_SL_39 10-12	22957-50	naphthalene	13 UJ	580-76049	High a
SUP_SL_39 12-14	22957-51	trichloroethene	5.8 UJ	580-76049	High a
SUP_SL_39 14-16	22957-52	trichloroethene	3.6 UJ	580-76049	High a
SUP_SL_34 10-12	22957-31	benzene	10 UJ	580-76049	High a
SUP_GW_11	22957-44	n-propylbenzene	0.41 UJ	580-76518	High a
SUP_GW_11	22957-44	1,2,4-trimethylbenzene	1.9 UJ	580-76518	High a
Trip Blank	22957-63	1,2,4-trimethylbenzene	0.58 UJ	580-76518	High a
SUP_GW_10	22988-6	1,2,4-trimethylbenzene	0.50 UJ	580-76518	High a

Samples less than 5 times the concentration detected in the associated method blank were qualified as non-detected at the concentrations detected; detection limits were not elevated. Non-detected results are estimated (UJ).

The following sample result was qualified as non-detected due to detection of 1,3,5-trimethylbenzene in the associated trip blank (22957-63).

Field ID	Lab ID	Compound	Result/Qual	Bias/RC
SUP_GW_11	22957-44	1,3,5-trimethylbenzene	0.84 UJ	High k

Calibrations/Tunes

Instrument tunes were performed at the required frequency and met method specific criteria. All target compounds met linearity and response criteria for method 8260B. A second source standard (initial calibration verification) met recovery limits in all cases. Continuing calibrations were performed at the required frequency. The following samples were qualified due to calibration exceedance:

CCV 11/25/10 2:22

Compound	%Diff	Qualifier	Bias	RC
bromomethane	-81.9	J/UJ	Low	i
carbon tetrachloride	-70.6	J/UJ	Low	l
bromoform	-39.1	J/UJ	Low	l

Impacted Samples

Field ID	Lab ID	Field ID	Lab ID
SUP_SL_34 12-14	22957-32	SUP_SL_39 1-2	22957-45
SUP_SL_34 14-16	22957-33	SUP_SL_39 2-4	22957-46
SUP_SL_35 0-1	22957-35	SUP_SL_39 4-6	22957-47
SUP_SL_35 1-2	22957-36	SUP_SL_39 6-8	22957-48
SUP_SL_35 4-6	22957-38	SUP_SL_39 8-10	22957-49
SUP_SL_35 6-8	22957-39	SUP_SL_39 10-12	22957-50
SUP_SL_35 8-10	22957-40	SUP_SL_39 12-14	22957-51
SUP_SL_35 10-12	22957-41	SUP_SL_39 14-16	22957-52
SUP_SL_35 12-14	22957-42	SUP_SL_34 10-12	22957-31
SUP_SL_35 14-16	22957-43		

CCV 11/29/10 11:57

Compound	%Diff	Qualifier	Bias	RC
tetrachloroethene	-31.3	J/UJ	Low	l
naphthalene	27.1	J/None	High	i

Impacted Samples

Field ID	Lab ID	Field ID	Lab ID
SUP_SL_32 1-2	22957-9	SUP_SL_33 4-6	22957-20
SUP_SL_32 2-4	22957-10	SUP_SL_33 8-10	22957-22
SUP_SL_32 4-6	22957-11	SUP_SL_33 10-12	22957-23
SUP_SL_32 6-8	22957-12	SUP_SL_33 12-14	22957-24
SUP_SL_32 8-10	22957-13	SUP_SL_33 14-16	22957-25
SUP_SL_32 10-12	22957-14	SUP_SL_34 1-2	22957-26
SUP_SL_32 12-14	22957-15	SUP_SL_34 2-4	22957-27
SUP_SL_32 14-16	22957-16	SUP_SL_34 4-6	22957-28
SUP_SL_33 1-2	22957-18	SUP_SL_34 6-8	22957-29
SUP_SL_33 2-4	22957-19	SUP_SL_34 8-10	22957-30DL

CCV 11/29/10 13:23

Compound	%Diff	Qualifier	Bias	RC
Dichlorofluoromethane	-26	J/UJ	Low	i
bromomethane	-73.1	J/UJ	Low	l
carbon tetrachloride	-41.2	J/UJ	Low	l
bromoform	-34.6	J/UJ	Low	l

Impacted Samples

Field ID	Lab ID	Field ID	Lab ID
SUP_SL_35 2-4	22957-37	SUP_SL_40 14-16	22957-62
SUP_SL_39 DUP	22957-53	SUP_SL_29 2-4	22957-1
SUP_SL_40 1-2	22957-55	SUP_SL_29 4-6	22957-2
SUP_SL_40 2-4	22957-56	SUP_SL_29 6-8	22957-3

SUP_SL_40 4-6	22957-57	SUP_SL_29 8-10	22957-4
SUP_SL_40 6-8	22957-58	SUP_SL_29 10-12	22957-5
SUP_SL_40 8-10	22957-59	SUP_SL_29 12-14	22957-6
SUP_SL_40 10-12	22957-60	SUP_SL_29 14-16	22957-7
SUP_SL_40 12-14	22957-61		

CCV 11/24/10 18:08

Compound	%Diff	Qualifier	Bias	RC
tetrachloroethene	-26.1	J/UJ	Low	i

Impacted Samples

Field ID	Lab ID
SUP_SL_30 2-4	22988-1
SUP_SL_30 4-6	22988-2
SUP_SL_30 10-12	22988-3
SUP_SL_30 12-14	22988-4

Note: Compounds that exceeded 25% difference were qualified as estimated.

Results may be biased as shown.

Matrix Spike/Matrix Spike Duplicates

MS/MSDs were performed at the required frequency. Data were not qualified due to matrix spike recoveries or precision exceedance.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. Data were not qualified due to LCS recoveries or precision exceedance.

Sample Quantitation/ Compound Identification

A Level 4 review was not performed for this group of samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. One hundred and seventy-three results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Field Duplicates

Sample SUP_SL_39 12-14 (22957-51) and SUP_SL_39 DUP (22957-53) were collected as field duplicates. The following detected results were observed.

Analyte	Field ID	ug/kg	Field ID	ug/kg	RPD	Qual/RC
Methylene chloride	SUP_SL_39 12-14	33	SUP_SL_39 DUP	25	27.5	none
Trichloroethene	SUP_SL_39 12-14	5.8	SUP_SL_39 DUP	ND	NC	none

All remaining compounds were non-detected.

Additional Comments

Due to the presence of headspace in sample SUP_GW_10 (22988-6) detected and non-detected results were qualified as estimated (J/UJ). Results may be biased low.

Overall Assessment

Data were not rejected. Approximately (15.5%) of data were qualified. Results in three samples were qualified as estimated with a potential low bias due to holding time exceedance. Results in one sample were qualified as estimated with a potential low bias due to the presence of headspace. Due to matrix effect, three samples were qualified as estimated because of surrogate recovery exceedance. Approximately one percent of data was qualified as non-detected due to method blank contamination. Due to calibration exceedance approximately (4%) of data was qualified as estimated.

Pentachlorophenol by Method 8270C

The following number of samples were prepared and analyzed by the listed methods:

17 Soils	3550B/8270C
1 Ground Water	3520C/8270C

Holding Time

All samples were prepared and analyzed within the method required holding time.

Surrogates/Internal Standards

Surrogate recoveries met recovery criteria except in the following:

Field ID	Lab ID	Surrogate	Rec	QC Limit	Qual	Bias	RC
SUP_GW_11	22957-44	2,4,6-tribromophenol	1%	44-125	J/UR	Low	b

Due to extremely low recoveries (<10%), the non-detected result for pentachlorophenol was rejected in sample SUP_GW_11 (22957-44). The lab noted re-extraction and reanalysis was not performed.

Data were not qualified due to internal standard exceedance.

Blanks

Method blanks were prepared and analyzed at the required frequency. Pentachlorophenol was non-detected.

Field blanks were not collected for this method.

Calibrations/Tunes

Instrument tunes were performed at the required frequency and met all method specific criteria. Pentachlorophenol met linearity and response criteria for method 8270C. A second source standard (initial calibration verification) met recovery limits. Continuing calibrations were performed at the required frequency and met response and % drift requirements.

Matrix Spike/Matrix Spike Duplicates

MS/MSDs were performed at the required frequency for soil samples all recoveries and precision were within limits.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

Sample Quantitation/ Compound Identification

A Level 4 review was not performed for this group of samples.

Quantitation Limits

The laboratory reported values down to the method detection limit.

Field Duplicates

Field duplicates were not collected for this method.

Additional Comments

Twelve soil samples were originally collected in August of 2010. Non-detected pentachlorophenol results were rejected for these samples due to improper preparation technique. Soil samples were re-sampled and reanalyzed in November 2010. Most soils were reported as non-detected for pentachlorophenol, which confirmed the original results. Sample SUP_SL_1 1-2 (22988-7) was originally reported as non-detected however pentachlorophenol was reported at 710 µg/kg in the re-sampled soil.

The aliquot analyzed for sample SUP_GW_11 (22957-44) was improperly preserved with hydrochloric acid which may have contributed to the low surrogate recovery.

Overall Assessment

Pentachlorophenol was rejected in sample SUP_GW_11 (22957-44) due to low surrogate recovery <10%. Soil samples met all quality control criteria and should be considered useable as reported.

Organochlorine Pesticides Method 8081A

The following number of samples were prepared and analyzed by the listed methods:

8 Soils

3550B/8081A

Holding Times

Samples were originally prepared and analyzed within the required method holding time, however, the laboratory control sample failed low for delta-BHC in the original extraction batch. The samples were re-extracted and re-analyzed for delta-BHC eight days outside of holding time. Delta-BHC is qualified as estimated with a potential low bias in the following samples:

Field ID	Lab ID	Date Coll.	Prep Date	ACHT	RTHT	Qual	Bias	RC
SUP_SL_32 1-2	22957-9	11/15/10	12/7/10	22	14	J/UJ	Low	e
SUP_SL_32 2-4	22957-10	11/15/10	12/7/10	22	14	J/UJ	Low	e
SUP_SL_32 4-6	22957-11	11/15/10	12/7/10	22	14	J/UJ	Low	e
SUP_SL_32 6-8	22957-12	11/15/10	12/7/10	22	14	J/UJ	Low	e
SUP_SL_32 8-10	22957-13	11/15/10	12/7/10	22	14	J/UJ	Low	e
SUP_SL_32 10-12	22957-14	11/15/10	12/7/10	22	14	J/UJ	Low	e
SUP_SL_32 12-14	22957-15	11/15/10	12/7/10	22	14	J/UJ	Low	e
SUP_SL_32 14-16	22957-16	11/15/10	12/7/10	22	14	J/UJ	Low	e

The original extraction was performed on the last day of holding time.

Surrogates

Surrogate recoveries exceeded the control limits in the following samples:

Field ID	Lab ID	Surrogate	Rec	QC Limit	Qual	Bias	RC
SUP_SL_32 2-4	22957-10	tetrachloro-m-xylene	45%	49-123	J/UJ	Low	b
SUP_SL_32 6-8	22957-12	tetrachloro-m-xylene	47%	49-123	J/UJ	Low	b
SUP_SL_32 8-10	22957-13	tetrachloro-m-xylene	48%	49-123	J/UJ	Low	b

Detected and non-detected results may be biased as shown.

Blanks

Method blanks were prepared and analyzed at the required frequency. All target compounds were non-detected.

Field blanks were not collected for this method.

Calibrations

All compounds met linearity criteria for method 8081A on both the primary and confirmation columns. A second source standard (ICV) met recovery limits. Continuing calibrations were performed at the required frequency. The following samples were qualified due to calibration exceedance:

CCV 12/7/10 22:43

Compound	%Diff	Qualifier	Bias	RC
4,4-DDT	-57.0	J/UJ	Low	i
methoxychlor	-46.6	J/UJ	Low	i

CCV 12/7/10 23:02

toxaphene	-58.5	J/UJ	Low	i
-----------	-------	------	-----	---

Impacted Samples

Field ID	Lab ID	Field ID	Lab ID
SUP_SL_32 1-2	22957-9	SUP_SL_32 10-12	22957-14
SUP_SL_32 2-4	22957-10	SUP_SL_32 12-14	22957-15
SUP_SL_32 4-6	22957-11	SUP_SL_32 14-16	22957-16
SUP_SL_32 6-8	22957-12		
SUP_SL_32 8-10	22957-13		

Note: Compounds that exceeded 25% difference were qualified as estimated

Matrix Spike/Matrix Duplicates

MS/MSDs were performed at the required frequency from the associated samples. The following results were observed:

Field ID	Lab ID
SUP_SL_32 1-2	22957-9

Analyte	MS(%Rec/RPD)	QC Limit	Qualifier	Bias	RC
aldrin	36,40/12	53-126/30	J/UJ	Low	c
alpha-BHC	29,33/14	41-128/30	J/UJ	Low	c
beta-BHC	32,34/8	48-121/30	J/UJ	Low	c
gamma-BHC	31,34/12	50-127/30	J/UJ	Low	c
4,4' DDD	29,51/28	44-141/30	J/UJ	Low	c
4,4'DDE	21,104/53	47-140/30	J/UJ	Low	c
4,4'DDT	34,42/18	34-159/30	J/UJ	Low	c
dieldrin	35,39/12	53-134/30	J/UJ	Low	c
endosulfan I	35,39/12	52-122/30	J/UJ	Low	c
endosulfan II	32,37/15	53-132/30	J/UJ	Low	c
endosulfan sulfate	17,20/17	42-128/30	J/UJ	Low	c
endrin	42,45/10	46-138/30	J/UJ	Low	c
heptachlor	41,44/9	50-130/30	J/UJ	Low	c
heptachlor epoxide	38,39/6	49-123/30	J/UJ	Low	c
methoxychlor	37,43/16	46-154/30	J/UJ	Low	c
endrin ketone	34,38/13	45-127/30	J/UJ	Low	c
alpha-chlordane	35,39/14	46-118/30	J/UJ	Low	c
gamma-chlordane	-11,-4/20	49-122/30	J/UJ	Low	c

Results may be biased as shown. Only the sample spiked was qualified.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

Sample Quantitation/ Compound Identification

A Level 4 review was not performed on associated samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. Two results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Field Duplicates

Field Duplicates were not collected for this method.

Overall Assessment

No data were rejected and 58.9% of data were qualified as estimated with a potential low bias. Delta-BHC was qualified as estimated in all samples due to holding time exceedance. 4,4'-DDT, methoxychlor and toxaphene results in all samples were qualified due to low CCV response. Due to matrix effect low surrogate recoveries were observed in three samples and most compounds were qualified in sample SUP_SL_32 1-2 (22957-9) due to low matrix spike recovery.

NWTPH-Dx

The following number of samples were prepared and analyzed by the listed methods:

58 Soils	3550C/NWTPH-Dx
2 Ground Waters	3510C/NWTPH-Dx

Holding Times

Samples were prepped and analyzed within the required method holding time.

Surrogates

Surrogate recoveries met recovery criteria of 50-150%.

Blanks

Method blanks were prepared and analyzed at the required frequency. The following sample results were qualified as nondetected due to method blank contamination.

Field ID	Lab ID	Compound	Result/Qual		Blank ID	Bias	RC
SUP_SL_32 2-4	22957-10	motor oil	51	UJ	580-76044	High	a
SUP_SL_32 6-8	22957-12	motor oil	44	UJ	580-76044	High	a
SUP_SL_32 8-10	22957-13	motor oil	100	UJ	580-76044	High	a
SUP_SL_32 10-12	22957-14	motor oil	110	UJ	580-76044	High	a
SUP_SL_32 12-14	22957-15	motor oil	67	UJ	580-76044	High	a
SUP_SL_32 14-16	22957-16	motor oil	41	UJ	580-76044	High	a
SUP_SL_33 12-14	22957-24	motor oil	66	UJ	580-76044	High	a
SUP_SL_33 14-16	22957-25	motor oil	69	UJ	580-76044	High	a
SUP_SL_34 4-6	22957-28	motor oil	120	UJ	580-76311	High	a
SUP_SL_34 6-8	22957-29	motor oil	77	UJ	580-76311	High	a
SUP_SL_34 10-12	22957-31	motor oil	110	UJ	580-76311	High	a
SUP_SL_34 12-14	22957-32	motor oil	89	UJ	580-76311	High	a
SUP_SL_34 14-16	22957-33	motor oil	54	UJ	580-76311	High	a
SUP_SL_35 1-2	22957-36	motor oil	170	UJ	580-76311	High	a
SUP_SL_35 6-8	22957-39	motor oil	170	UJ	580-76311	High	a
SUP_SL_35 8-10	22957-40	motor oil	73	UJ	580-76311	High	a
SUP_SL_35 10-12	22957-41	motor oil	73	UJ	580-76311	High	a
SUP_SL_35 12-14	22957-42	motor oil	68	UJ	580-76311	High	a
SUP_SL_35 14-16	22957-43	motor oil	87	UJ	580-76311	High	a
SUP_SL_39 1-2	22957-45	motor oil	120	UJ	580-76311	High	a
SUP_SL_39 2-4	22957-46	motor oil	110	UJ	580-76311	High	a
SUP_SL_39 10-12	22957-50	motor oil	59	UJ	580-76314	High	a
SUP_SL_39 12-14	22957-51	motor oil	78	UJ	580-76314	High	a
SUP_SL_39 14-16	22957-52	motor oil	46	UJ	580-76314	High	a
SUP_SL_40 8-10	22957-59	motor oil	57	UJ	580-76314	High	a
SUP_SL_40 10-12	22957-60	motor oil	54	UJ	580-76314	High	a
SUP_SL_40 12-14	22957-61	motor oil	50	UJ	580-76314	High	a
SUP_SL_40 14-16	22957-62	motor oil	55	UJ	580-76314	High	a
SUP_SL_30 2-4	22988-1	motor oil	21	UJ	580-76261	High	a
SUP_SL_30 10-12	22988-3	motor oil	35	UJ	580-76261	High	a
SUP_SL_30 12-14	22988-4	motor oil	18	UJ	580-76261	High	a
SUP_SL_30 14-16	22988-5	motor oil	14	UJ	580-76261	High	a

Samples less than 5 times the concentration detected in the associated method blank were qualified as non-detected at the concentrations detected; detection limits were not elevated. Non-detected results are estimated (UJ).

Field blanks were not collected for analysis by this method.

Calibrations

#2 diesel and motor oil met linearity criteria for method NWTPH-Dx. Continuing calibrations were performed at the required frequency. The following samples were qualified due to CCV exceedance:

CCV 11/30/10 4:18

Compound	%Diff	Qualifier	Bias	RC
motor oil	15.8	J/None	High	i

Impacted Samples

Field ID	Lab ID
SUP_SL_39 14-16	22957-52
SUP_SL_40 8-10	22957-59
SUP_SL_40 10-12	22957-60
SUP_SL_40 12-14	22957-61
SUP_SL_40 14-16	22957-62

Note: Compounds that exceeded 15% difference were qualified as estimated.

Matrix Spike/Matrix Duplicates

MS/MSDs were not performed on any of the associated samples. Matrix specific recovery data is not available.

The lab performed laboratory duplicates on the following samples:

Field ID	Lab ID	Compound	mg/kg	mg/kg	RPD	Limit	Qual	Bias	RC
SUP_SL_33 1-2	22957-18	motor oil	650	1240	62	35	J	None	f
SUP_SL_39 8-10	22957-49	motor oil	290	445	43	35	J	None	f

Due to poor precision in the laboratory duplicate analysis, results for motor oil were qualified as estimated (J).

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

Sample Quantitation/ Compound Identification

A Level 4 Review was not performed on associated samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. Eighteen results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Field Duplicates

Samples SUP_SL_33 2-4 (22957-19) and SUP_SL_33 DUP (22957-17) were collected as field duplicates. The following results were observed.

Analyte	Field ID	mg/kg	Field ID	mg/kg	RPD	Qual	RC
#2 diesel	SUP_SL_33 2-4	61	SUP_SL_33 DUP	15	121	J	n
motor oil	SUP_SL_33 2-4	490	SUP_SL_33 DUP	200	84	J	n

Sample SUP_SL_34 8-10 (22957-30) and SUP_SL_34 DUP (22957-34) were collected as field duplicates. The following results were observed.

Analyte	Field ID	mg/kg	Field ID	mg/kg	RPD	Qual	RC
#2 diesel	SUP_SL_34 8-10	10000	SUP_SL_34 DUP	2100	131	J	n
motor oil	SUP_SL_34 8-10	22000	SUP_SL_34 DUP	4500	132	J	n

Sample SUP_SL_39 12-14 (22957-51) and SUP_SL_39 DUP (22957-53) were collected as field duplicates. The following results were observed.

Analyte	Field ID	mg/kg	Field ID	mg/kg	RPD	Qual	RC
#2 diesel	SUP_SL_39 12-14	18	SUP_SL_39 DUP	140	154	J	n
motor oil	SUP_SL_39 12-14	78	SUP_SL_39 DUP	390	133	J	n

Due to high variability detected results were flagged as shown. Only the samples used as field duplicates were qualified. Bias is non-determined.

Additional Comments

Soil samples were extracted using a method developed by the laboratory not method 3550B as reported in analytical reports. The laboratory's method utilized a heated sonic bath to extract samples instead of a sonic horn as prescribed within method 3550B. The lab used only 10gms of sample (the method NWTPH-DX requires 20gms). Only ten milliliters (mls.) of solvent was used by the lab to extract samples and the process did not have a concentration step whereas method 3550B recommends 300 mls. of solvent to extract samples and requires a concentration step in the sample preparation process.

The laboratory's method detection limits (MDLs) and reporting limits are based on the process used by the lab and not method 3550B as reported. Laboratory control samples were submitted for accuracy information, however, matrix spikes were not performed for this method therefore matrix specific recovery data is unknown.

Overall Assessment

All soil samples were qualified as estimated due to improper sample preparation technique. Motor oil results in thirty-two samples were qualified as non-detected due to method blank contamination. Motor oil and #2 diesel results in several samples were qualified as estimated due to poor precision in field and laboratory duplicates indicating a heterogeneous matrix.

NWTPH-Gx

The following number of samples were prepared and analyzed by the listed methods:

54 Soils	5035/NWTPH-Gx
2 Ground Waters	5030/NWTPH-Gx
1 Solid Trip Blank	5035/NWTPH-Gx
1 Aqueous Trip Blank	5030/NWTPH-Gx

Holding Times

Samples were analyzed within the required method holding time.

Surrogates

Data were not qualified due to surrogate recovery exceedance.

Blanks

Method blanks were prepared and analyzed at the required frequency. Samples were not qualified due to method blank contamination.

Trip blanks were non-detected for gasoline.

Calibrations

Gasoline met linearity criteria for method NWTPH-Gx. Continuing calibrations were performed at the required frequency. Data were not qualified due to calibration exceedance.

Matrix Spike/Matrix Duplicates

MS/MSDs were performed at the required frequency from the associated samples. Recoveries and precision met method criteria.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

Sample Quantitation/ Compound Identification

A Level 4 review was not performed on associated samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. Sixteen results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Field Duplicates

Samples SUP_SL_39 12-14 (22957-51) and SUP_SL_39 DUP (22957-53) were collected as field duplicates. The following results were observed.

Analyte	Field ID	mg/kg	Field ID	mg/kg	RPD
gasoline	SUP_SL_39 12-14	ND	SUP_SL_39 DUP	ND	NC

Overall Assessment

No data were rejected. All data qualified (27.6%) were due to concentrations detected below the reporting limit.

Metals by As, Cd, & Pb by Methods 6010B, 6020

The following number of samples were prepared and analyzed by the listed methods:

65 Soils	3050B/6010B
3 Ground Waters	3005A/6020/7470A

Water samples were analyzed for both total and dissolved metals.

Holding Times

All samples were prepared and analyzed within required method holding times.

Calibrations

Initial calibration verification and continuing calibrations were analyzed at the required frequency and met recovery of criteria (90-110%).

Blanks

Method blanks were prepared and analyzed at the required frequency. Method Blanks were non-detected for all target analytes.

Field blanks were not collected for analysis by this method.

Matrix Spikes/ Sample Duplicates

Matrix spikes were prepared and analyzed at the required frequency for soil and water samples. Due to accuracy problems in the matrix spike analysis, the following detected and non-detected results are qualified as estimated (J/UJ):

Field ID	Lab ID	Analyte	%Rec/RPD	QC Limits	Bias	RC
SUP_SL_32 1-2	22957-9	lead	70, 75/4	75-125/35	Low	c
SUP_SL_35 0-1	22957-35	lead	55, 73/18	75-125/35	Low	c

Due to high variability in the matrix, only the sample used as the matrix spike was qualified.

Matrix Duplicates

Matrix duplicates were prepped and analyzed at the proper frequency. Precision was acceptable in all cases.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within required limits.

ICP Serial Dilution

ICP serial dilutions were performed at the required frequency. Due to ICP serial dilution problems, the following detected results are qualified as estimated (J).

Field ID	Lab ID	Analyte	(mg/Kg) %D	Qual	Bias	RC
SUP_SL_32 1-2	22957-9	lead	46 13.2	J	None	g
SUP_SL_35 0-1	22957-35	lead	46 16.6	J	None	g
SUP_SL_39 DUP	22957-53	lead	16 24	J	None	g

Only the sample used for the serial dilution was qualified.

Field Duplicates

Sample SUP_SL_33 2-4 (22957-19) and SUP_SL_33 DUP (22957-17) were collected as field duplicates. The following results were observed.

Analyte	Field ID	mg/kg	Field ID	mg/kg	RPD	Qual	RC
Arsenic	SUP_SL_33 2-4	24	SUP_SL_33 DUP	ND	NC		
Cadmium	SUP_SL_33 2-4	ND	SUP_SL_33 DUP	ND	NC		
Lead	SUP_SL_33 2-4	62	SUP_SL_33 DUP	9.2	148	J	n

Sample SUP_SL_34 8-10 (22957-30) and SUP_SL_34 DUP (22957-34) were collected as field duplicates. The following results were observed.

Analyte	Field ID	mg/kg	Field ID	mg/kg	RPD	Qual	RC
Arsenic	SUP_SL_34 8-10	150	SUP_SL_34 DUP	210	33		
Cadmium	SUP_SL_34 8-10	ND	SUP_SL_34 DUP	ND	NC		
Lead	SUP_SL_34 8-10	45	SUP_SL_34 DUP	11	121	J	n

Sample SUP_SL_39 12-14 (22957-51) and SUP_SL_39 DUP (22957-53) were collected as field duplicates. The following results were observed.

Analyte	Field ID	mg/kg	Field ID	mg/kg	RPD	Qual	RC
Arsenic	SUP_SL_39 12-14	1300	SUP_SL_39 DUP	ND	NC	J	n
Cadmium	SUP_SL_39 12-14	ND	SUP_SL_39 DUP	ND	NC		
Lead	SUP_SL_39 12-14	4.5	SUP_SL_39 DUP	16	112	J	n

Due to high variability detected results were flagged as shown. Only the samples used as field duplicates were qualified. Bias is non-determined.

Analyte Quantitation

A Level 4 review was not performed on associated samples.

Quantitation Limits

The laboratory reported values down to the method detection limit. Seventy-nine results were reported below the reporting limit and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable due to uncertainty in precision near the limit of detection.

Additional Comments

Due to high buffering capacity in sample SUP_GW_11 the pre-preserved HNO₂ acid container was not sufficient to reduce the PH to 2. The lab tried to adjust the PH but was unable to change the PH so the lab analyzed the sample as was. Results in sample SUP_GW_11 are qualified as estimated (J/UJ) with a potential low bias.

Due to high buffering capacity in sample SUP_GW_10 the pre-preserved HNO₃ acid container was not sufficient to reduce the PH to 2. The sample was received at a PH of 4; the lab adjusted the PH to 2 upon receipt. Results in sample SUP_GW_10 are qualified as estimated (J/UJ) with a potential low bias.

Overall Assessment

Data were not rejected. Most data qualified (11.7%) were due to low concentrations detected. Due to high buffering capacity detected and non-detected results for both total and dissolved metals were qualified as estimated in samples SUP_GW_10 and SUP_GW_11. Due to matrix effect, two samples were qualified as estimated for lead in the matrix spikes and three samples were qualified due to serial dilution exceedance. Lead results in three sets of field duplicates and arsenic results in one field duplicate set were qualified due to poor precision.

Sample Collection/Condition

Chain of Custody/Sample Receipt SDG 580-22957-1

Samples were received in four coolers. The temperature of the coolers was 8.9°C, 9.5°C, 5.6°C and 5.4°C upon arrival to the lab the cooling process had begun. Samples had been delivered immediately after collection on November 15, 2010. The lab noted that the samples arrived in good condition, properly preserved and on ice with the following exceptions:

- The lab did not receive sample SUP_SL_33 DUP as listed on the chain of custody but received sample SUP_SL_32 DUP which was not listed on the COC. Pioneer Technologies instructed the lab to change the sample ID to SUP_SL_33 DUP (22957-17) and run all analyses as listed on the COC.
- The lab received two methanol vials for sample SUP_SL_32 2-4 (22957-10) but did not receive a methanol vial for sample SUP_SL_33 2-4 (22957-19). One methanol vial of SUP_SL_32 2-4 matched the sampling time on the COC for sample SUP_SL_33 2-4. Pioneer instructed the lab to change the one methanol vial that listed the correct time on the label to sample SUP_SL_33 2-4.
- All times on methanol vials matched times listed on the chain of custody; however, the times displayed on soil jar labels did not match the times collected on the COC. Two different samplers were collecting the samples listed on the chain. Pioneer Technologies instructed the lab to use the times listed on the chain of custody as the times collected for sample log in.
- Sample SUP_SL_9 was listed on the chain of custody but the ID on the sample label was SUP_GW_9. The sample was a ground water; therefore, the lab corrected the sample ID to SUP_GW_9.
- A trip blank was submitted for analysis; however, it was not listed on the COC. Pioneer Technologies instructed the lab to analyze the trip blank for 8260B and NWTPH-Gx.
- A methanol vial for sample SUP_SL_40 0-1 (22957-54) was not received by the lab. Pioneer Technologies instructed the lab to run all other analyses as listed on the COC and cancelled the 8260B and NWTPH-Gx analyses.
- The lab received a methanol vial for sample SUP_SL_39 0-1 but this sample was listed as cancelled on the COC. The lab confirmed with Pioneer Technologies that the sample was indeed cancelled.
- Sample SUP_GW_11 (22957-44) was received in a properly pre-preserved HNO₃ poly container for metal analysis and a HCL amber jar for NWTPH-Dx analysis, however, the PH was outside of criteria. The PH when verified by the lab was 14 the lab added 3 mls. of nitric acid to the sample but the PH did not lower. The lab stopped adding additional acid and analyzed samples as they were received.
- The lab did not receive a non-preserved amber bottle for sample SUP_GW_11 for 8270C analyses. As per Jeff King of Pacific Environmental Redevelopment the lab was instructed to analyze 8270C (PCP) on the HCL preserved sample bottle.
- Sample SUP_SL_33 6-8 lost all methanol contents during transit. As per Jeff King of Pacific Environmental Redevelopment the lab was instructed to cancel 8260B and NWTPH-Gx analyses.

Data qualified due to sample condition

Metal results by method 6020 were qualified as estimated (J/UJ) in sample SUP_GW-11 (22957-44).

Chain of Custody/Sample Receipt SDG 580-22988-1

Samples were received in two coolers. The temperature of the coolers was 9.6°C and 5.6°C upon arrival to the lab the cooling process had begun. Samples had been delivered immediately after collection on November 16, 2010. The lab noted that the samples arrived in good condition, properly preserved and on ice with the following exceptions:

- A trip blank was submitted for analysis however not listed on the chain of custody. The lab added the trip blank to the COC and placed the sample on hold. Pioneer Technologies instructed the lab to analyze the trip blank for methods 8260B and NWTPH-Gx.
- Sample SUP-GW-10 (22988-6) was collected in properly pre-preserved containers for metals and NWTPH-Dx, however, due to the high buffering capacity of this sample the PH was 5 for method NWTPH-Dx and PH 4 for metal analysis. The lab added additional acid to the containers to adjust final PH to 2.
- Water sample SUP_GW-10 (22988-6) contained a large amount of sediment.
- Times listed on soil jars did not match the times listed on the COC. Pioneer Technologies instructed the lab to log in samples with the time listed on the COC.
- Sample SUP_GW-10 (22988-6) contained headspace. Pioneer Technologies instructed the lab to analyze the sample for method 8260B.

Data qualified due to sample condition

Metal and volatile organic results by methods 6020 and 8260B were qualified as estimated in sample SUP_GW-10 (22988-6).

References

"Phase I Remedial Investigation Work Plan for the Superlon Plastics Site," February 2010.

"Sampling and Analysis Plan & Quality Assurance Project Plan for the Superlon Plastics Site, Tacoma Washington," February 2010.

"USEPA National Functional Guidelines for Organic Review," October 1999.

"USEPA National Functional Guidelines for Inorganic Review," October 2004.

"USEPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods," July 1996

The following results were qualified as estimated in method 8260B:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-1	SUP-SL-29 2-4	Solid	8260B	1,2,4-Trimethylbenzene	28	ug/Kg	J	N	m
580-22957-1	SUP-SL-29 2-4	Solid	8260B	1,2-Dichloroethane	8.4	ug/Kg	J	N	m
580-22957-1	SUP-SL-29 2-4	Solid	8260B	1,3,5-Trimethylbenzene	10	ug/Kg	J	N	m
580-22957-1	SUP-SL-29 2-4	Solid	8260B	1,4-Dichlorobenzene	11	ug/Kg	J	N	m
580-22957-1	SUP-SL-29 2-4	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-1	SUP-SL-29 2-4	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-1	SUP-SL-29 2-4	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-1	SUP-SL-29 2-4	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-1	SUP-SL-29 2-4	Solid	8260B	m-Xylene & p-Xylene	13	ug/Kg	J	N	m
580-22957-1	SUP-SL-29 2-4	Solid	8260B	o-Xylene	12	ug/Kg	J	N	m
580-22957-1	SUP-SL-29 2-4	Solid	8260B	Trichloroethene	7.7	ug/Kg	J	N	m
580-22957-10	SUP-SL-32 2-4	Solid	8260B	Methylene Chloride	25	ug/Kg	J	N	m
580-22957-10	SUP-SL-32 2-4	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-11	SUP-SL-32 4-6	Solid	8260B	Methylene Chloride	27	ug/Kg	J	N	m
580-22957-11	SUP-SL-32 4-6	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-12	SUP-SL-32 6-8	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-12	SUP-SL-32 6-8	Solid	8260B	Methylene Chloride	16	ug/Kg	J	N	m
580-22957-13	SUP-SL-32 8-10	Solid	8260B	m-Xylene & p-Xylene	21	ug/Kg	J	H	b,m
580-22957-13	SUP-SL-32 8-10	Solid	8260B	Naphthalene	38	ug/Kg	J	H	b,i,m
580-22957-13	SUP-SL-32 8-10	Solid	8260B	Methylene Chloride	34	ug/Kg	J	H	b,m
580-22957-13	SUP-SL-32 8-10	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-14	SUP-SL-32 10-12	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-15	SUP-SL-32 12-14	Solid	8260B	4-Isopropyltoluene	16	ug/Kg	J	N	m
580-22957-15	SUP-SL-32 12-14	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-16	SUP-SL-32 14-16	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-16	SUP-SL-32 14-16	Solid	8260B	Methylene Chloride	25	ug/Kg	J	N	m
580-22957-18	SUP-SL-33 1-2	Solid	8260B	4-Isopropyltoluene	16	ug/Kg	J	N	m
580-22957-18	SUP-SL-33 1-2	Solid	8260B	Methylene Chloride	19	ug/Kg	J	N	m
580-22957-18	SUP-SL-33 1-2	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-19	SUP-SL-33 2-4	Solid	8260B	Vinyl chloride	3.3	ug/Kg	J	N	m
580-22957-19	SUP-SL-33 2-4	Solid	8260B	4-Isopropyltoluene	14	ug/Kg	J	N	m
580-22957-19	SUP-SL-33 2-4	Solid	8260B	1,2,4-Trimethylbenzene	14	ug/Kg	J	N	m
580-22957-19	SUP-SL-33 2-4	Solid	8260B	Methylene Chloride	25	ug/Kg	J	N	m
580-22957-19	SUP-SL-33 2-4	Solid	8260B	m-Xylene & p-Xylene	14	ug/Kg	J	N	m
580-22957-19	SUP-SL-33 2-4	Solid	8260B	o-Xylene	15	ug/Kg	J	N	m
580-22957-19	SUP-SL-33 2-4	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-19	SUP-SL-33 2-4	Solid	8260B	trans-1,2-Dichloroethene	16	ug/Kg	J	N	m
580-22957-2	SUP-SL-29 4-6	Solid	8260B	Toluene	57	ug/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-2	SUP-SL-29 4-6	Solid	8260B	Vinyl chloride	6	ug/Kg	J	N	m
580-22957-2	SUP-SL-29 4-6	Solid	8260B	N-Propylbenzene	18	ug/Kg	J	N	m
580-22957-2	SUP-SL-29 4-6	Solid	8260B	Methylene Chloride	40	ug/Kg	J	N	m
580-22957-2	SUP-SL-29 4-6	Solid	8260B	Ethylbenzene	22	ug/Kg	J	N	m
580-22957-2	SUP-SL-29 4-6	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-2	SUP-SL-29 4-6	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-2	SUP-SL-29 4-6	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-2	SUP-SL-29 4-6	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-2	SUP-SL-29 4-6	Solid	8260B	Benzene	16	ug/Kg	J	N	m
580-22957-2	SUP-SL-29 4-6	Solid	8260B	cis-1,2-Dichloroethene	44	ug/Kg	J	N	m
580-22957-20	SUP-SL-33 4-6	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-20	SUP-SL-33 4-6	Solid	8260B	Methylene Chloride	29	ug/Kg	J	N	m
580-22957-22	SUP-SL-33 8-10	Solid	8260B	Naphthalene	62	ug/Kg	J	H	i,m
580-22957-22	SUP-SL-33 8-10	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-22	SUP-SL-33 8-10	Solid	8260B	Toluene	58	ug/Kg	J	N	m
580-22957-22	SUP-SL-33 8-10	Solid	8260B	Methylene Chloride	31	ug/Kg	J	N	m
580-22957-22	SUP-SL-33 8-10	Solid	8260B	Ethylbenzene	24	ug/Kg	J	N	m
580-22957-22	SUP-SL-33 8-10	Solid	8260B	cis-1,2-Dichloroethene	36	ug/Kg	J	N	m
580-22957-22	SUP-SL-33 8-10	Solid	8260B	1,3,5-Trimethylbenzene	73	ug/Kg	J	N	m
580-22957-22	SUP-SL-33 8-10	Solid	8260B	Trichloroethene	29	ug/Kg	J	N	m
580-22957-22	SUP-SL-33 8-10	Solid	8260B	4-Isopropyltoluene	26	ug/Kg	J	N	m
580-22957-23	SUP-SL-33 10-12	Solid	8260B	Ethylbenzene	16	ug/Kg	J	N	m
580-22957-23	SUP-SL-33 10-12	Solid	8260B	Toluene	24	ug/Kg	J	N	m
580-22957-23	SUP-SL-33 10-12	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-23	SUP-SL-33 10-12	Solid	8260B	Methylene Chloride	25	ug/Kg	J	N	m
580-22957-23	SUP-SL-33 10-12	Solid	8260B	4-Isopropyltoluene	14	ug/Kg	J	N	m
580-22957-23	SUP-SL-33 10-12	Solid	8260B	1,3,5-Trimethylbenzene	38	ug/Kg	J	N	m
580-22957-23	SUP-SL-33 10-12	Solid	8260B	Naphthalene	32	ug/Kg	J	H	i,m
580-22957-24	SUP-SL-33 12-14	Solid	8260B	Vinyl chloride	8.9	ug/Kg	J	H	b,m
580-22957-24	SUP-SL-33 12-14	Solid	8260B	1,3,5-Trimethylbenzene	170	ug/Kg	J	H	b
580-22957-24	SUP-SL-33 12-14	Solid	8260B	Trichloroethene	160	ug/Kg	J	H	b
580-22957-24	SUP-SL-33 12-14	Solid	8260B	Toluene	210	ug/Kg	J	H	b
580-22957-24	SUP-SL-33 12-14	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-24	SUP-SL-33 12-14	Solid	8260B	o-Xylene	300	ug/Kg	J	H	b
580-22957-24	SUP-SL-33 12-14	Solid	8260B	N-Propylbenzene	28	ug/Kg	J	H	b,m
580-22957-24	SUP-SL-33 12-14	Solid	8260B	Naphthalene	140	ug/Kg	J	H	b,i
580-22957-24	SUP-SL-33 12-14	Solid	8260B	m-Xylene & p-Xylene	450	ug/Kg	J	H	b
580-22957-24	SUP-SL-33 12-14	Solid	8260B	Methylene Chloride	39	ug/Kg	J	H	b,m
580-22957-24	SUP-SL-33 12-14	Solid	8260B	cis-1,2-Dichloroethene	180	ug/Kg	J	H	b
580-22957-24	SUP-SL-33 12-14	Solid	8260B	Ethylbenzene	87	ug/Kg	J	H	b
580-22957-24	SUP-SL-33 12-14	Solid	8260B	1,2,4-Trimethylbenzene	440	ug/Kg	J	H	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-24	SUP-SL-33 12-14	Solid	8260B	Isopropylbenzene	33	ug/Kg	J	H	b,m
580-22957-24	SUP-SL-33 12-14	Solid	8260B	4-Isopropyltoluene	44	ug/Kg	J	H	b,m
580-22957-25	SUP-SL-33 14-16	Solid	8260B	Toluene	30	ug/Kg	J	N	m
580-22957-25	SUP-SL-33 14-16	Solid	8260B	1,2,4-Trimethylbenzene	29	ug/Kg	J	N	m
580-22957-25	SUP-SL-33 14-16	Solid	8260B	4-Isopropyltoluene	12	ug/Kg	J	N	m
580-22957-25	SUP-SL-33 14-16	Solid	8260B	cis-1,2-Dichloroethene	26	ug/Kg	J	N	m
580-22957-25	SUP-SL-33 14-16	Solid	8260B	m-Xylene & p-Xylene	32	ug/Kg	J	N	m
580-22957-25	SUP-SL-33 14-16	Solid	8260B	o-Xylene	25	ug/Kg	J	N	m
580-22957-25	SUP-SL-33 14-16	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-26	SUP-SL-34 1-2	Solid	8260B	4-Isopropyltoluene	12	ug/Kg	J	N	m
580-22957-26	SUP-SL-34 1-2	Solid	8260B	Methylene Chloride	23	ug/Kg	J	N	m
580-22957-26	SUP-SL-34 1-2	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-27	SUP-SL-34 2-4	Solid	8260B	o-Xylene	37	ug/Kg	J	N	m
580-22957-27	SUP-SL-34 2-4	Solid	8260B	Vinyl chloride	3.3	ug/Kg	J	N	m
580-22957-27	SUP-SL-34 2-4	Solid	8260B	sec-Butylbenzene	24	ug/Kg	J	N	m
580-22957-27	SUP-SL-34 2-4	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-27	SUP-SL-34 2-4	Solid	8260B	Methylene Chloride	22	ug/Kg	J	N	m
580-22957-27	SUP-SL-34 2-4	Solid	8260B	Isopropylbenzene	18	ug/Kg	J	N	m
580-22957-27	SUP-SL-34 2-4	Solid	8260B	N-Propylbenzene	28	ug/Kg	J	N	m
580-22957-28	SUP-SL-34 4-6	Solid	8260B	N-Propylbenzene	32	ug/Kg	J	N	m
580-22957-28	SUP-SL-34 4-6	Solid	8260B	o-Xylene	47	ug/Kg	J	N	m
580-22957-28	SUP-SL-34 4-6	Solid	8260B	n-Butylbenzene	30	ug/Kg	J	N	m
580-22957-28	SUP-SL-34 4-6	Solid	8260B	Isopropylbenzene	18	ug/Kg	J	N	m
580-22957-28	SUP-SL-34 4-6	Solid	8260B	4-Isopropyltoluene	43	ug/Kg	J	N	m
580-22957-28	SUP-SL-34 4-6	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-28	SUP-SL-34 4-6	Solid	8260B	sec-Butylbenzene	25	ug/Kg	J	N	m
580-22957-29	SUP-SL-34 6-8	Solid	8260B	Toluene	33	ug/Kg	J	N	m
580-22957-29	SUP-SL-34 6-8	Solid	8260B	Ethylbenzene	52	ug/Kg	J	N	m
580-22957-29	SUP-SL-34 6-8	Solid	8260B	Isopropylbenzene	48	ug/Kg	J	N	m
580-22957-29	SUP-SL-34 6-8	Solid	8260B	Methylene Chloride	24	ug/Kg	J	N	m
580-22957-29	SUP-SL-34 6-8	Solid	8260B	Naphthalene	190	ug/Kg	J	H	i
580-22957-29	SUP-SL-34 6-8	Solid	8260B	n-Butylbenzene	49	ug/Kg	J	N	m
580-22957-29	SUP-SL-34 6-8	Solid	8260B	sec-Butylbenzene	46	ug/Kg	J	N	m
580-22957-29	SUP-SL-34 6-8	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-29	SUP-SL-34 6-8	Solid	8260B	cis-1,2-Dichloroethene	28	ug/Kg	J	N	m
580-22957-3	SUP-SL-29 6-8	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-3	SUP-SL-29 6-8	Solid	8260B	Vinyl chloride	5	ug/Kg	J	N	m
580-22957-3	SUP-SL-29 6-8	Solid	8260B	Trichloroethene	7.2	ug/Kg	J	N	m
580-22957-3	SUP-SL-29 6-8	Solid	8260B	Methylene Chloride	33	ug/Kg	J	N	m
580-22957-3	SUP-SL-29 6-8	Solid	8260B	cis-1,2-Dichloroethene	25	ug/Kg	J	N	m
580-22957-3	SUP-SL-29 6-8	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-3	SUP-SL-29 6-8	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-3	SUP-SL-29 6-8	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-3	SUP-SL-29 6-8	Solid	8260B	4-Isopropyltoluene	26	ug/Kg	J	N	m
580-22957-3	SUP-SL-29 6-8	Solid	8260B	1,4-Dichlorobenzene	23	ug/Kg	J	N	m
580-22957-3	SUP-SL-29 6-8	Solid	8260B	1,2,4-Trimethylbenzene	18	ug/Kg	J	N	m
580-22957-3	SUP-SL-29 6-8	Solid	8260B	o-Xylene	15	ug/Kg	J	N	m
580-22957-30	SUP-SL-34 8-10	Solid	8260B	1,2,4-Trimethylbenzene	150000	ug/Kg	J	L	e
580-22957-30	SUP-SL-34 8-10	Solid	8260B	Vinyl chloride	82	ug/Kg	J	N	m
580-22957-30	SUP-SL-34 8-10	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-30	SUP-SL-34 8-10	Solid	8260B	tert-Butylbenzene	320	ug/Kg	J	N	m
580-22957-30	SUP-SL-34 8-10	Solid	8260B	Naphthalene	26000	ug/Kg	J	H	i
580-22957-31	SUP-SL-34 10-12	Solid	8260B	Methylene Chloride	34	ug/Kg	J	N	m
580-22957-31	SUP-SL-34 10-12	Solid	8260B	sec-Butylbenzene	47	ug/Kg	J	N	m
580-22957-31	SUP-SL-34 10-12	Solid	8260B	Benzene	10	ug/Kg	UJ	H	a
580-22957-31	SUP-SL-34 10-12	Solid	8260B	Toluene	34	ug/Kg	J	N	m
580-22957-31	SUP-SL-34 10-12	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-31	SUP-SL-34 10-12	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-31	SUP-SL-34 10-12	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-32	SUP-SL-34 12-14	Solid	8260B	1,3,5-Trimethylbenzene	19	ug/Kg	J	N	m
580-22957-32	SUP-SL-34 12-14	Solid	8260B	Benzene	7.5	ug/Kg	UJ	H	a
580-22957-32	SUP-SL-34 12-14	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-32	SUP-SL-34 12-14	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-32	SUP-SL-34 12-14	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-32	SUP-SL-34 12-14	Solid	8260B	Methylene Chloride	23	ug/Kg	J	N	m
580-22957-32	SUP-SL-34 12-14	Solid	8260B	Trichloroethene	14	ug/Kg	UJ	H	a
580-22957-33	SUP-SL-34 14-16	Solid	8260B	Benzene	5.2	ug/Kg	UJ	H	a
580-22957-33	SUP-SL-34 14-16	Solid	8260B	Methylene Chloride	27	ug/Kg	J	N	m
580-22957-33	SUP-SL-34 14-16	Solid	8260B	Trichloroethene	13	ug/Kg	UJ	H	a
580-22957-33	SUP-SL-34 14-16	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-33	SUP-SL-34 14-16	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-33	SUP-SL-34 14-16	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-35	SUP-SL-35 0-1	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-35	SUP-SL-35 0-1	Solid	8260B	Benzene	10	ug/Kg	UJ	H	a
580-22957-35	SUP-SL-35 0-1	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-35	SUP-SL-35 0-1	Solid	8260B	Methylene Chloride	56	ug/Kg	J	N	m
580-22957-35	SUP-SL-35 0-1	Solid	8260B	Naphthalene	22	ug/Kg	UJ	H	a
580-22957-35	SUP-SL-35 0-1	Solid	8260B	Trichloroethene	16	ug/Kg	UJ	H	a
580-22957-35	SUP-SL-35 0-1	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-36	SUP-SL-35 1-2	Solid	8260B	Methylene Chloride	56	ug/Kg	J	N	m
580-22957-36	SUP-SL-35 1-2	Solid	8260B	1,2,4-Trimethylbenzene	19	ug/Kg	J	N	m
580-22957-36	SUP-SL-35 1-2	Solid	8260B	Benzene	8.4	ug/Kg	UJ	H	a

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-36	SUP-SL-35 1-2	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-36	SUP-SL-35 1-2	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-36	SUP-SL-35 1-2	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-36	SUP-SL-35 1-2	Solid	8260B	Isopropylbenzene	18	ug/Kg	J	N	m
580-22957-36	SUP-SL-35 1-2	Solid	8260B	Naphthalene	32	ug/Kg	UJ	H	a
580-22957-36	SUP-SL-35 1-2	Solid	8260B	Trichloroethene	15	ug/Kg	UJ	H	a
580-22957-36	SUP-SL-35 1-2	Solid	8260B	Ethylbenzene	21	ug/Kg	J	N	m
580-22957-37	SUP-SL-35 2-4	Solid	8260B	4-Isopropyltoluene	24	ug/Kg	J	N	m
580-22957-37	SUP-SL-35 2-4	Solid	8260B	1,2,4-Trimethylbenzene	30	ug/Kg	J	N	m
580-22957-37	SUP-SL-35 2-4	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-37	SUP-SL-35 2-4	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-37	SUP-SL-35 2-4	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-37	SUP-SL-35 2-4	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-37	SUP-SL-35 2-4	Solid	8260B	Methylene Chloride	42	ug/Kg	J	N	m
580-22957-37	SUP-SL-35 2-4	Solid	8260B	m-Xylene & p-Xylene	34	ug/Kg	J	N	m
580-22957-37	SUP-SL-35 2-4	Solid	8260B	Styrene	59	ug/Kg	J	N	m
580-22957-38	SUP-SL-35 4-6	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-38	SUP-SL-35 4-6	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-38	SUP-SL-35 4-6	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-38	SUP-SL-35 4-6	Solid	8260B	Benzene	8.9	ug/Kg	UJ	H	a
580-22957-38	SUP-SL-35 4-6	Solid	8260B	4-Isopropyltoluene	24	ug/Kg	J	N	m
580-22957-38	SUP-SL-35 4-6	Solid	8260B	1,2,4-Trimethylbenzene	31	ug/Kg	J	N	m
580-22957-38	SUP-SL-35 4-6	Solid	8260B	Methylene Chloride	35	ug/Kg	J	N	m
580-22957-38	SUP-SL-35 4-6	Solid	8260B	m-Xylene & p-Xylene	40	ug/Kg	J	N	m
580-22957-38	SUP-SL-35 4-6	Solid	8260B	Trichloroethene	12	ug/Kg	UJ	H	a
580-22957-38	SUP-SL-35 4-6	Solid	8260B	Ethylbenzene	18	ug/Kg	J	N	m
580-22957-39	SUP-SL-35 6-8	Solid	8260B	Benzene	7.4	ug/Kg	UJ	H	a
580-22957-39	SUP-SL-35 6-8	Solid	8260B	Trichloroethene	13	ug/Kg	UJ	H	a
580-22957-39	SUP-SL-35 6-8	Solid	8260B	Methylene Chloride	30	ug/Kg	J	N	m
580-22957-39	SUP-SL-35 6-8	Solid	8260B	m-Xylene & p-Xylene	27	ug/Kg	J	N	m
580-22957-39	SUP-SL-35 6-8	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-39	SUP-SL-35 6-8	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-39	SUP-SL-35 6-8	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-4	SUP-SL-29 8-10	Solid	8260B	Methylene Chloride	29	ug/Kg	J	N	m
580-22957-4	SUP-SL-29 8-10	Solid	8260B	Trichloroethene	5.3	ug/Kg	J	N	m
580-22957-4	SUP-SL-29 8-10	Solid	8260B	Toluene	16	ug/Kg	J	N	m
580-22957-4	SUP-SL-29 8-10	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-4	SUP-SL-29 8-10	Solid	8260B	m-Xylene & p-Xylene	13	ug/Kg	J	N	m
580-22957-4	SUP-SL-29 8-10	Solid	8260B	4-Isopropyltoluene	13	ug/Kg	J	N	m
580-22957-4	SUP-SL-29 8-10	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-4	SUP-SL-29 8-10	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-4	SUP-SL-29 8-10	Solid	8260B	Benzene	13	ug/Kg	J	N	m
580-22957-4	SUP-SL-29 8-10	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-4	SUP-SL-29 8-10	Solid	8260B	cis-1,2-Dichloroethene	23	ug/Kg	J	N	m
580-22957-40	SUP-SL-35 8-10	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-40	SUP-SL-35 8-10	Solid	8260B	Trichloroethene	12	ug/Kg	UJ	H	a
580-22957-40	SUP-SL-35 8-10	Solid	8260B	Benzene	7.8	ug/Kg	UJ	H	a
580-22957-40	SUP-SL-35 8-10	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-40	SUP-SL-35 8-10	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-40	SUP-SL-35 8-10	Solid	8260B	Methylene Chloride	30	ug/Kg	J	N	m
580-22957-41	SUP-SL-35 10-12	Solid	8260B	Methylene Chloride	31	ug/Kg	J	N	m
580-22957-41	SUP-SL-35 10-12	Solid	8260B	Trichloroethene	11	ug/Kg	UJ	H	a
580-22957-41	SUP-SL-35 10-12	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-41	SUP-SL-35 10-12	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-41	SUP-SL-35 10-12	Solid	8260B	Benzene	6.5	ug/Kg	UJ	H	a
580-22957-41	SUP-SL-35 10-12	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-42	SUP-SL-35 12-14	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-42	SUP-SL-35 12-14	Solid	8260B	Benzene	7.1	ug/Kg	UJ	H	a
580-22957-42	SUP-SL-35 12-14	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-42	SUP-SL-35 12-14	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-42	SUP-SL-35 12-14	Solid	8260B	Methylene Chloride	24	ug/Kg	J	N	m
580-22957-42	SUP-SL-35 12-14	Solid	8260B	Trichloroethene	8.2	ug/Kg	UJ	H	a
580-22957-43	SUP-SL-35 14-16	Solid	8260B	Benzene	4.6	ug/Kg	UJ	H	a
580-22957-43	SUP-SL-35 14-16	Solid	8260B	Trichloroethene	3.8	ug/Kg	UJ	H	a
580-22957-43	SUP-SL-35 14-16	Solid	8260B	Methylene Chloride	13	ug/Kg	J	N	m
580-22957-43	SUP-SL-35 14-16	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-43	SUP-SL-35 14-16	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-43	SUP-SL-35 14-16	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-44	SUP-GW-11	Water	8260B	Chlorodibromomethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,1,1-Trichloroethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Chlorobromomethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Chloroform	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Chloroethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,1-Dichloroethene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,1-Dichloroethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,1,2-Trichloroethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,2,4-Trimethylbenzene	1.9	ug/L	UJ	N	e,a
580-22957-44	SUP-GW-11	Water	8260B	Trichlorofluoromethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Chloromethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,2-Dichloropropane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,3,5-Trimethylbenzene	0.84	ug/L	UJ	N	e,k

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-44	SUP-GW-11	Water	8260B	1,3-Dichlorobenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,3-Dichloropropane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,4-Dichlorobenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	2,2-Dichloropropane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,2-Dichloroethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	4-Chlorotoluene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Chlorobenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,2-Dichlorobenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	4-Isopropyltoluene	0.99	ug/L	J	L	e,m
580-22957-44	SUP-GW-11	Water	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Benzene	3.9	ug/L	J	L	e
580-22957-44	SUP-GW-11	Water	8260B	Bromobenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Bromoform	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Bromomethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Carbon tetrachloride	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	2-Chlorotoluene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	o-Xylene	1.4	ug/L	J	L	e
580-22957-44	SUP-GW-11	Water	8260B	trans-1,2-Dichloroethene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Toluene	2.9	ug/L	J	L	e
580-22957-44	SUP-GW-11	Water	8260B	Tetrachloroethene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Trichloroethene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Vinyl chloride	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,2,3-Trichlorobenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,2,4-Trichlorobenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	trans-1,3-Dichloropropene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,1-Dichloropropene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	tert-Butylbenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	1,2,3-Trichloropropane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	sec-Butylbenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Hexachlorobutadiene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	cis-1,3-Dichloropropene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Dibromomethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Dichlorobromomethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Dichlorodifluoromethane	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Styrene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Ethylene Dibromide	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	cis-1,2-Dichloroethene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	Isopropylbenzene	0.44	ug/L	J	L	e,m
580-22957-44	SUP-GW-11	Water	8260B	Methylene Chloride	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	m-Xylene & p-Xylene	3.6	ug/L	J	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-44	SUP-GW-11	Water	8260B	Naphthalene	21	ug/L	J	L	e
580-22957-44	SUP-GW-11	Water	8260B	n-Butylbenzene	ND	ug/L	UJ	L	e
580-22957-44	SUP-GW-11	Water	8260B	N-Propylbenzene	0.41	ug/L	UJ	N	e,a
580-22957-44	SUP-GW-11	Water	8260B	Ethylbenzene	1.4	ug/L	J	L	e
580-22957-45	SUP-SL-39 1-2	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-45	SUP-SL-39 1-2	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-45	SUP-SL-39 1-2	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-45	SUP-SL-39 1-2	Solid	8260B	Methylene Chloride	23	ug/Kg	J	N	m
580-22957-45	SUP-SL-39 1-2	Solid	8260B	Benzene	7	ug/Kg	UJ	H	a
580-22957-45	SUP-SL-39 1-2	Solid	8260B	Trichloroethene	7.3	ug/Kg	UJ	H	a
580-22957-46	SUP-SL-39 2-4	Solid	8260B	Trichloroethene	5.2	ug/Kg	UJ	H	a
580-22957-46	SUP-SL-39 2-4	Solid	8260B	Methylene Chloride	24	ug/Kg	J	N	m
580-22957-46	SUP-SL-39 2-4	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-46	SUP-SL-39 2-4	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-46	SUP-SL-39 2-4	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-47	SUP-SL-39 4-6	Solid	8260B	Methylene Chloride	17	ug/Kg	J	N	m
580-22957-47	SUP-SL-39 4-6	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-47	SUP-SL-39 4-6	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-47	SUP-SL-39 4-6	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-47	SUP-SL-39 4-6	Solid	8260B	Trichloroethene	6.1	ug/Kg	UJ	H	a
580-22957-48	SUP-SL-39 6-8	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-48	SUP-SL-39 6-8	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-48	SUP-SL-39 6-8	Solid	8260B	Methylene Chloride	24	ug/Kg	J	N	m
580-22957-48	SUP-SL-39 6-8	Solid	8260B	Trichloroethene	5.6	ug/Kg	UJ	H	a
580-22957-48	SUP-SL-39 6-8	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-48	SUP-SL-39 6-8	Solid	8260B	Benzene	5.3	ug/Kg	UJ	H	a
580-22957-49	SUP-SL-39 8-10	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-49	SUP-SL-39 8-10	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-49	SUP-SL-39 8-10	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-49	SUP-SL-39 8-10	Solid	8260B	Methylene Chloride	29	ug/Kg	J	N	m
580-22957-49	SUP-SL-39 8-10	Solid	8260B	Trichloroethene	6.4	ug/Kg	UJ	H	a
580-22957-49	SUP-SL-39 8-10	Solid	8260B	Benzene	13	ug/Kg	UJ	H	a
580-22957-5	SUP-SL-29 10-12	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-5	SUP-SL-29 10-12	Solid	8260B	Naphthalene	30	ug/Kg	J	N	m
580-22957-5	SUP-SL-29 10-12	Solid	8260B	Methylene Chloride	28	ug/Kg	J	N	m
580-22957-5	SUP-SL-29 10-12	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-5	SUP-SL-29 10-12	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-5	SUP-SL-29 10-12	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-50	SUP-SL-39 10-12	Solid	8260B	Methylene Chloride	33	ug/Kg	J	N	m
580-22957-50	SUP-SL-39 10-12	Solid	8260B	Naphthalene	13	ug/Kg	UJ	H	a
580-22957-50	SUP-SL-39 10-12	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-50	SUP-SL-39 10-12	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-50	SUP-SL-39 10-12	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-50	SUP-SL-39 10-12	Solid	8260B	Benzene	8	ug/Kg	UJ	H	a
580-22957-50	SUP-SL-39 10-12	Solid	8260B	Trichloroethene	6.1	ug/Kg	UJ	H	a
580-22957-51	SUP-SL-39 12-14	Solid	8260B	Methylene Chloride	33	ug/Kg	J	N	m
580-22957-51	SUP-SL-39 12-14	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-51	SUP-SL-39 12-14	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-51	SUP-SL-39 12-14	Solid	8260B	Trichloroethene	5.8	ug/Kg	UJ	H	a
580-22957-51	SUP-SL-39 12-14	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-52	SUP-SL-39 14-16	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-52	SUP-SL-39 14-16	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-52	SUP-SL-39 14-16	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-52	SUP-SL-39 14-16	Solid	8260B	Methylene Chloride	22	ug/Kg	J	N	m
580-22957-52	SUP-SL-39 14-16	Solid	8260B	Trichloroethene	3.6	ug/Kg	UJ	H	a
580-22957-53	SUP-SL-39 DUP	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-53	SUP-SL-39 DUP	Solid	8260B	Methylene Chloride	25	ug/Kg	J	N	m
580-22957-53	SUP-SL-39 DUP	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-53	SUP-SL-39 DUP	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-53	SUP-SL-39 DUP	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-55	SUP-SL-40 1-2	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-55	SUP-SL-40 1-2	Solid	8260B	4-Isopropyltoluene	16	ug/Kg	J	N	m
580-22957-55	SUP-SL-40 1-2	Solid	8260B	Toluene	16	ug/Kg	J	N	m
580-22957-55	SUP-SL-40 1-2	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-55	SUP-SL-40 1-2	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-55	SUP-SL-40 1-2	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-55	SUP-SL-40 1-2	Solid	8260B	Methylene Chloride	26	ug/Kg	J	N	m
580-22957-55	SUP-SL-40 1-2	Solid	8260B	m-Xylene & p-Xylene	11	ug/Kg	J	N	m
580-22957-55	SUP-SL-40 1-2	Solid	8260B	Naphthalene	18	ug/Kg	J	N	m
580-22957-56	SUP-SL-40 2-4	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-56	SUP-SL-40 2-4	Solid	8260B	1,2,4-Trimethylbenzene	17	ug/Kg	J	N	m
580-22957-56	SUP-SL-40 2-4	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-56	SUP-SL-40 2-4	Solid	8260B	Ethylbenzene	15	ug/Kg	J	N	m
580-22957-56	SUP-SL-40 2-4	Solid	8260B	4-Isopropyltoluene	17	ug/Kg	J	N	m
580-22957-56	SUP-SL-40 2-4	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-56	SUP-SL-40 2-4	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-56	SUP-SL-40 2-4	Solid	8260B	Methylene Chloride	34	ug/Kg	J	N	m
580-22957-56	SUP-SL-40 2-4	Solid	8260B	o-Xylene	22	ug/Kg	J	N	m
580-22957-57	SUP-SL-40 4-6	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-57	SUP-SL-40 4-6	Solid	8260B	Naphthalene	28	ug/Kg	J	N	m
580-22957-57	SUP-SL-40 4-6	Solid	8260B	Methylene Chloride	28	ug/Kg	J	N	m
580-22957-57	SUP-SL-40 4-6	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-57	SUP-SL-40 4-6	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-57	SUP-SL-40 4-6	Solid	8260B	m-Xylene & p-Xylene	18	ug/Kg	J	N	m
580-22957-57	SUP-SL-40 4-6	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-58	SUP-SL-40 6-8	Solid	8260B	Methylene Chloride	19	ug/Kg	J	N	m
580-22957-58	SUP-SL-40 6-8	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-58	SUP-SL-40 6-8	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-58	SUP-SL-40 6-8	Solid	8260B	Toluene	27	ug/Kg	J	N	m
580-22957-58	SUP-SL-40 6-8	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-58	SUP-SL-40 6-8	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-59	SUP-SL-40 8-10	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-59	SUP-SL-40 8-10	Solid	8260B	4-Isopropyltoluene	19	ug/Kg	J	N	m
580-22957-59	SUP-SL-40 8-10	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-59	SUP-SL-40 8-10	Solid	8260B	Methylene Chloride	31	ug/Kg	J	N	m
580-22957-59	SUP-SL-40 8-10	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-59	SUP-SL-40 8-10	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-6	SUP-SL-29 12-14	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-6	SUP-SL-29 12-14	Solid	8260B	Methylene Chloride	42	ug/Kg	J	N	m
580-22957-6	SUP-SL-29 12-14	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-6	SUP-SL-29 12-14	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-6	SUP-SL-29 12-14	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-60	SUP-SL-40 10-12	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-60	SUP-SL-40 10-12	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-60	SUP-SL-40 10-12	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-60	SUP-SL-40 10-12	Solid	8260B	Methylene Chloride	29	ug/Kg	J	N	m
580-22957-60	SUP-SL-40 10-12	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-61	SUP-SL-40 12-14	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-61	SUP-SL-40 12-14	Solid	8260B	Methylene Chloride	27	ug/Kg	J	N	m
580-22957-61	SUP-SL-40 12-14	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-61	SUP-SL-40 12-14	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-61	SUP-SL-40 12-14	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-62	SUP-SL-40 14-16	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	i
580-22957-62	SUP-SL-40 14-16	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	i
580-22957-62	SUP-SL-40 14-16	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	i
580-22957-62	SUP-SL-40 14-16	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	i
580-22957-62	SUP-SL-40 14-16	Solid	8260B	Methylene Chloride	21	ug/Kg	J	N	m
580-22957-63	Trip Blank	Water	8260B	Dichlorodifluoromethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,4-Dichlorobenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Isopropylbenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Methylene Chloride	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	m-Xylene & p-Xylene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Naphthalene	ND	ug/L	UJ	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-63	Trip Blank	Water	8260B	n-Butylbenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,2,4-Trimethylbenzene	0.58	ug/L	UJ	N	e,a
580-22957-63	Trip Blank	Water	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,2-Dichlorobenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,2-Dichloroethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,2-Dichloropropane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,3,5-Trimethylbenzene	0.49	ug/L	J	L	e,m
580-22957-63	Trip Blank	Water	8260B	Trichlorofluoromethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,3-Dichloropropane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Dichlorobromomethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	2,2-Dichloropropane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	2-Chlorotoluene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	N-Propylbenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	o-Xylene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	sec-Butylbenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Styrene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	tert-Butylbenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Tetrachloroethene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Toluene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	trans-1,2-Dichloroethene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	trans-1,3-Dichloropropene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Trichloroethene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,3-Dichlorobenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Chloroethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	4-Isopropyltoluene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Benzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Bromobenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Bromoform	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Bromomethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Carbon tetrachloride	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Vinyl chloride	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Chlorobenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	4-Chlorotoluene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,1,1-Trichloroethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Hexachlorobutadiene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Chlorodibromomethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Ethylbenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,1,2-Trichloroethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,1-Dichloroethane	ND	ug/L	UJ	L	e

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-63	Trip Blank	Water	8260B	1,1-Dichloroethene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,1-Dichloropropene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,2,3-Trichlorobenzene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,2,3-Trichloropropane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Ethylene Dibromide	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Chloroform	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	cis-1,2-Dichloroethene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	cis-1,3-Dichloropropene	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Dibromomethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Chloromethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	Chlorobromomethane	ND	ug/L	UJ	L	e
580-22957-63	Trip Blank	Water	8260B	1,2,4-Trichlorobenzene	ND	ug/L	UJ	L	e
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Bromomethane	ND	ug/Kg	UJ	L	b,i
580-22957-7	SUP-SL-29 14-16	Solid	8260B	2-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Trichlorofluoromethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Chloroethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Chlorodibromomethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Chlorobromomethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	cis-1,2-Dichloroethene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Carbon tetrachloride	ND	ug/Kg	UJ	L	b,i
580-22957-7	SUP-SL-29 14-16	Solid	8260B	sec-Butylbenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Bromoform	ND	ug/Kg	UJ	L	b,i
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Bromobenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Benzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	4-Isopropyltoluene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	4-Chlorotoluene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Chlorobenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Hexachlorobutadiene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	o-Xylene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	N-Propylbenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	n-Butylbenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Naphthalene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	m-Xylene & p-Xylene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Chloromethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Isopropylbenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Chloroform	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Ethylene Dibromide	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Ethylbenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Dichlorodifluoromethane	ND	ug/Kg	UJ	L	b,i
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Dichlorobromomethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Dibromomethane	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-7	SUP-SL-29 14-16	Solid	8260B	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Methylene Chloride	16	ug/Kg	J	L	b,m
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,1,1,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,2,4-Trichlorobenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,2,3-Trichloropropane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,2,3-Trichlorobenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,1-Dichloropropene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,1-Dichloroethene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,1-Dichloroethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,1,2-Trichloroethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,2,4-Trimethylbenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,1,1-Trichloroethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	trans-1,3-Dichloropropene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Styrene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	tert-Butylbenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Toluene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	2,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Trichloroethene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,1,2,2-Tetrachloroethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,3,5-Trimethylbenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	Vinyl chloride	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,4-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,3-Dichloropropane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,3-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,2-Dichloropropane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,2-Dichloroethane	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,2-Dichlorobenzene	ND	ug/Kg	UJ	L	b
580-22957-7	SUP-SL-29 14-16	Solid	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/Kg	UJ	L	b
580-22957-9	SUP-SL-32 1-2	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22957-9	SUP-SL-32 1-2	Solid	8260B	Naphthalene	19	ug/Kg	J	H	i,m
580-22957-9	SUP-SL-32 1-2	Solid	8260B	Methylene Chloride	29	ug/Kg	J	N	m
580-22988-1	SUP_SL_30 2-4	Solid	8260B	Methylene Chloride	19	ug/Kg	J	N	m
580-22988-1	SUP_SL_30 2-4	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22988-2	SUP_SL_30 4-6	Solid	8260B	Methylene Chloride	42	ug/Kg	J	N	m
580-22988-2	SUP_SL_30 4-6	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22988-3	SUP_SL_30 10-12	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22988-3	SUP_SL_30 10-12	Solid	8260B	Naphthalene	14	ug/Kg	J	N	m
580-22988-3	SUP_SL_30 10-12	Solid	8260B	Methylene Chloride	14	ug/Kg	J	N	m
580-22988-4	SUP_SL_30 12-14	Solid	8260B	Methylene Chloride	17	ug/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22988-4	SUP_SL_30 12-14	Solid	8260B	Tetrachloroethene	ND	ug/Kg	UJ	L	i
580-22988-4	SUP_SL_30 12-14	Solid	8260B	Naphthalene	40	ug/Kg	J	N	m
580-22988-4	SUP_SL_30 12-14	Solid	8260B	1,2,3-Trichlorobenzene	28	ug/Kg	J	N	m
580-22988-5	SUP_SL_30 14-16	Solid	8260B	Methylene Chloride	27	ug/Kg	J	N	m
580-22988-5	SUP_SL_30 14-16	Solid	8260B	1,2,3-Trichlorobenzene	21	ug/Kg	J	N	m
580-22988-5	SUP_SL_30 14-16	Solid	8260B	Naphthalene	32	ug/Kg	J	N	m
580-22988-6	SUP_GW_10	Water	8260B	1,3-Dichloropropane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,1-Dichloropropene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,4-Dichlorobenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	2,2-Dichloropropane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	2-Chlorotoluene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,2,4-Trimethylbenzene	0.5	ug/L	UJ	N	e,a,p
580-22988-6	SUP_GW_10	Water	8260B	4-Isopropyltoluene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,2-Dichloropropane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Benzene	0.24	ug/L	J	L	e,m,p
580-22988-6	SUP_GW_10	Water	8260B	Bromobenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Bromoform	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Bromomethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Carbon tetrachloride	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	4-Chlorotoluene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,3,5-Trimethylbenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,1,2-Trichloroethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,2-Dichloroethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,2-Dichlorobenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,2-Dibromo-3-Chloropropane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,2,4-Trichlorobenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,2,3-Trichlorobenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,1-Dichloroethene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,2,3-Trichloropropane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Chlorobenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,1-Dichloroethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Methylene Chloride	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,1,1-Trichloroethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,1,2,2-Tetrachloroethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,3-Dichlorobenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Naphthalene	0.66	ug/L	J	L	e,m,p
580-22988-6	SUP_GW_10	Water	8260B	Vinyl chloride	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Trichlorofluoromethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Trichloroethene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	trans-1,3-Dichloropropene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	trans-1,2-Dichloroethene	ND	ug/L	UJ	L	e,p

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22988-6	SUP_GW_10	Water	8260B	Toluene	0.25	ug/L	J	L	e,m,p
580-22988-6	SUP_GW_10	Water	8260B	Tetrachloroethene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	tert-Butylbenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	1,1,1,2-Tetrachloroethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Styrene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	sec-Butylbenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	o-Xylene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Hexachlorobutadiene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	n-Butylbenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Chlorobromomethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	m-Xylene & p-Xylene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Isopropylbenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Ethylene Dibromide	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Ethylbenzene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Dichlorodifluoromethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Dichlorobromomethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Dibromomethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	cis-1,3-Dichloropropene	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	cis-1,2-Dichloroethene	0.23	ug/L	J	L	e,m,p
580-22988-6	SUP_GW_10	Water	8260B	Chloromethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Chloroform	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Chloroethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	Chlorodibromomethane	ND	ug/L	UJ	L	e,p
580-22988-6	SUP_GW_10	Water	8260B	N-Propylbenzene	ND	ug/L	UJ	L	e,p

The following are results qualified for method 8270C:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-44	SUP-GW-11	Water	8270C	Pentachlorophenol	ND	ug/L	UR	L	b

The following results were qualified for method 8081A:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Dieldrin	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Methoxychlor	ND	ug/Kg	UJ	L	b,i
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Heptachlor	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	gamma-BHC (Lindane)	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Endrin ketone	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Endrin aldehyde	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Endrin	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Endosulfan sulfate	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Toxaphene	ND	ug/Kg	UJ	L	b,i
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Endosulfan I	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Heptachlor epoxide	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	beta-BHC	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	alpha-Chlordane	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	alpha-BHC	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Aldrin	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	4,4'-DDT	ND	ug/Kg	UJ	L	b,i
580-22957-10	SUP-SL-32 2-4	Solid	8081A	4,4'-DDE	2.3	ug/Kg	J	L	b,m
580-22957-10	SUP-SL-32 2-4	Solid	8081A	4,4'-DDD	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	delta-BHC	ND	ug/Kg	UJ	L	e
580-22957-10	SUP-SL-32 2-4	Solid	8081A	Endosulfan II	ND	ug/Kg	UJ	L	b
580-22957-10	SUP-SL-32 2-4	Solid	8081A	gamma-Chlordane	ND	ug/Kg	UJ	L	b
580-22957-11	SUP-SL-32 4-6	Solid	8081A	delta-BHC	ND	ug/Kg	UJ	L	e
580-22957-11	SUP-SL-32 4-6	Solid	8081A	4,4'-DDT	ND	ug/Kg	UJ	L	i
580-22957-11	SUP-SL-32 4-6	Solid	8081A	Methoxychlor	ND	ug/Kg	UJ	L	i
580-22957-11	SUP-SL-32 4-6	Solid	8081A	Toxaphene	ND	ug/Kg	UJ	L	i
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Aldrin	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	delta-BHC	ND	ug/Kg	UJ	L	b,e
580-22957-12	SUP-SL-32 6-8	Solid	8081A	4,4'-DDD	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	4,4'-DDT	ND	ug/Kg	UJ	L	b,i
580-22957-12	SUP-SL-32 6-8	Solid	8081A	alpha-BHC	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	alpha-Chlordane	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	beta-BHC	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Dieldrin	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Heptachlor	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Toxaphene	ND	ug/Kg	UJ	L	b,i
580-22957-12	SUP-SL-32 6-8	Solid	8081A	4,4'-DDE	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Heptachlor epoxide	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Endosulfan I	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	gamma-Chlordane	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	gamma-BHC (Lindane)	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Endrin aldehyde	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Endrin	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Endosulfan sulfate	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Endosulfan II	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Endrin ketone	ND	ug/Kg	UJ	L	b
580-22957-12	SUP-SL-32 6-8	Solid	8081A	Methoxychlor	ND	ug/Kg	UJ	L	b,i
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Heptachlor epoxide	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	delta-BHC	ND	ug/Kg	UJ	L	b,e
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Endrin	ND	ug/Kg	UJ	L	b

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Endrin ketone	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	gamma-BHC (Lindane)	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Heptachlor	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Methoxychlor	ND	ug/Kg	UJ	L	b,i
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Endosulfan sulfate	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Endosulfan II	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	gamma-Chlordane	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	4,4'-DDT	ND	ug/Kg	UJ	L	b,i
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Endosulfan I	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Endrin aldehyde	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	4,4'-DDD	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Toxaphene	ND	ug/Kg	UJ	L	b,i
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Aldrin	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	alpha-BHC	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	alpha-Chlordane	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	beta-BHC	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	Dieldrin	ND	ug/Kg	UJ	L	b
580-22957-13	SUP-SL-32 8-10	Solid	8081A	4,4'-DDE	ND	ug/Kg	UJ	L	b
580-22957-14	SUP-SL-32 10-12	Solid	8081A	delta-BHC	ND	ug/Kg	UJ	L	e
580-22957-14	SUP-SL-32 10-12	Solid	8081A	Toxaphene	ND	ug/Kg	UJ	L	i
580-22957-14	SUP-SL-32 10-12	Solid	8081A	Methoxychlor	ND	ug/Kg	UJ	L	i
580-22957-14	SUP-SL-32 10-12	Solid	8081A	4,4'-DDT	ND	ug/Kg	UJ	L	i
580-22957-15	SUP-SL-32 12-14	Solid	8081A	Toxaphene	ND	ug/Kg	UJ	L	i
580-22957-15	SUP-SL-32 12-14	Solid	8081A	delta-BHC	ND	ug/Kg	UJ	L	e
580-22957-15	SUP-SL-32 12-14	Solid	8081A	4,4'-DDT	ND	ug/Kg	UJ	L	i
580-22957-15	SUP-SL-32 12-14	Solid	8081A	Methoxychlor	ND	ug/Kg	UJ	L	i
580-22957-16	SUP-SL-32 14-16	Solid	8081A	4,4'-DDT	ND	ug/Kg	UJ	L	i
580-22957-16	SUP-SL-32 14-16	Solid	8081A	Methoxychlor	ND	ug/Kg	UJ	L	i
580-22957-16	SUP-SL-32 14-16	Solid	8081A	Toxaphene	ND	ug/Kg	UJ	L	i
580-22957-16	SUP-SL-32 14-16	Solid	8081A	delta-BHC	ND	ug/Kg	UJ	L	e
580-22957-9	SUP-SL-32 1-2	Solid	8081A	alpha-Chlordane	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Methoxychlor	ND	ug/Kg	UJ	L	c,i
580-22957-9	SUP-SL-32 1-2	Solid	8081A	delta-BHC	ND	ug/Kg	UJ	L	e
580-22957-9	SUP-SL-32 1-2	Solid	8081A	4,4'-DDD	9	ug/Kg	J	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	4,4'-DDE	21	ug/Kg	J	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	4,4'-DDT	1.4	ug/Kg	J	L	c,i,m
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Aldrin	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	alpha-BHC	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	beta-BHC	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Dieldrin	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Endosulfan I	ND	ug/Kg	UJ	L	c

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Endosulfan II	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Endosulfan sulfate	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Endrin	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Endrin ketone	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	gamma-BHC (Lindane)	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	gamma-Chlordane	9.2	ug/Kg	J	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Heptachlor epoxide	ND	ug/Kg	UJ	L	c
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Toxaphene	ND	ug/Kg	UJ	L	i
580-22957-9	SUP-SL-32 1-2	Solid	8081A	Heptachlor	ND	ug/Kg	UJ	L	c

The following results were qualified for method NWTPH-Dx:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-10	SUP-SL-32 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	51	mg/Kg	UJ	N	x,a
580-22957-10	SUP-SL-32 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-11	SUP-SL-32 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	430	mg/Kg	J	L	x
580-22957-11	SUP-SL-32 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	32	mg/Kg	J	L	x
580-22957-12	SUP-SL-32 6-8	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	44	mg/Kg	UJ	N	x,a
580-22957-12	SUP-SL-32 6-8	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	45	mg/Kg	J	L	x
580-22957-13	SUP-SL-32 8-10	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	47	mg/Kg	J	L	x
580-22957-13	SUP-SL-32 8-10	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	100	mg/Kg	UJ	N	x,a
580-22957-14	SUP-SL-32 10-12	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	110	mg/Kg	UJ	N	x,a
580-22957-14	SUP-SL-32 10-12	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	12	mg/Kg	J	L	x,m
580-22957-15	SUP-SL-32 12-14	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	67	mg/Kg	UJ	N	x,a
580-22957-15	SUP-SL-32 12-14	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	8.4	mg/Kg	J	L	x,m
580-22957-16	SUP-SL-32 14-16	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-16	SUP-SL-32 14-16	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	41	mg/Kg	UJ	N	x,a
580-22957-17	SUP-SL-33 DUP	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	200	mg/Kg	J	L	x,n
580-22957-17	SUP-SL-33 DUP	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	15	mg/Kg	J	L	x,n,m
580-22957-18	SUP-SL-33 1-2	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	36	mg/Kg	J	L	x,m
580-22957-18	SUP-SL-33 1-2	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	650	mg/Kg	J	L	x,f
580-22957-19	SUP-SL-33 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	61	mg/Kg	J	L	x,n
580-22957-19	SUP-SL-33 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	490	mg/Kg	J	L	x,n
580-22957-20	SUP-SL-33 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	110	mg/Kg	J	L	x
580-22957-20	SUP-SL-33 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	1500	mg/Kg	J	L	x
580-22957-21	SUP-SL-33 6-8	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	1700	mg/Kg	J	L	x
580-22957-21	SUP-SL-33 6-8	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	130	mg/Kg	J	L	x
580-22957-22	SUP-SL-33 8-10	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	130	mg/Kg	J	L	x
580-22957-22	SUP-SL-33 8-10	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	9.4	mg/Kg	J	L	x,m
580-22957-23	SUP-SL-33 10-12	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	120	mg/Kg	J	L	x
580-22957-23	SUP-SL-33 10-12	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	13	mg/Kg	J	L	x,m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-24	SUP-SL-33 12-14	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-24	SUP-SL-33 12-14	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	66	mg/Kg	UJ	N	x,a
580-22957-25	SUP-SL-33 14-16	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	69	mg/Kg	UJ	N	x,a
580-22957-25	SUP-SL-33 14-16	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	7	mg/Kg	J	L	x,m
580-22957-26	SUP-SL-34 1-2	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	290	mg/Kg	J	L	x
580-22957-26	SUP-SL-34 1-2	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	4200	mg/Kg	J	L	x
580-22957-27	SUP-SL-34 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	600	mg/Kg	J	L	x
580-22957-27	SUP-SL-34 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	1300	mg/Kg	J	L	x
580-22957-28	SUP-SL-34 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	18	mg/Kg	J	L	x,m
580-22957-28	SUP-SL-34 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	120	mg/Kg	UJ	N	x,a
580-22957-29	SUP-SL-34 6-8	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-29	SUP-SL-34 6-8	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	77	mg/Kg	UJ	N	x,a
580-22957-30	SUP-SL-34 8-10	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	22000	mg/Kg	J	L	x,n
580-22957-30	SUP-SL-34 8-10	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	10000	mg/Kg	J	L	x,n
580-22957-31	SUP-SL-34 10-12	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	16	mg/Kg	J	L	x,m
580-22957-31	SUP-SL-34 10-12	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	110	mg/Kg	UJ	N	x,a
580-22957-32	SUP-SL-34 12-14	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-32	SUP-SL-34 12-14	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	89	mg/Kg	UJ	N	x,a
580-22957-33	SUP-SL-34 14-16	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	7.7	mg/Kg	J	L	x,m
580-22957-33	SUP-SL-34 14-16	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	54	mg/Kg	UJ	N	x,a
580-22957-34	SUP-SL-34 DUP	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	4500	mg/Kg	J	L	x,n
580-22957-34	SUP-SL-34 DUP	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	2100	mg/Kg	J	L	x,n
580-22957-35	SUP-SL-35 0-1	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	530	mg/Kg	J	L	x
580-22957-35	SUP-SL-35 0-1	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	100	mg/Kg	J	L	x
580-22957-36	SUP-SL-35 1-2	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	170	mg/Kg	UJ	N	x,a
580-22957-36	SUP-SL-35 1-2	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	44	mg/Kg	J	L	x
580-22957-37	SUP-SL-35 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	84	mg/Kg	J	L	x
580-22957-37	SUP-SL-35 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	220	mg/Kg	J	L	x
580-22957-38	SUP-SL-35 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	670	mg/Kg	J	L	x
580-22957-38	SUP-SL-35 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	260	mg/Kg	J	L	x
580-22957-39	SUP-SL-35 6-8	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	170	mg/Kg	UJ	N	x,a
580-22957-39	SUP-SL-35 6-8	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	62	mg/Kg	J	L	x
580-22957-40	SUP-SL-35 8-10	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	8.9	mg/Kg	J	L	x,m
580-22957-40	SUP-SL-35 8-10	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	73	mg/Kg	UJ	N	x,a
580-22957-41	SUP-SL-35 10-12	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	11	mg/Kg	J	L	x,m
580-22957-41	SUP-SL-35 10-12	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	73	mg/Kg	UJ	N	x,a
580-22957-42	SUP-SL-35 12-14	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	9.8	mg/Kg	J	L	x,m
580-22957-42	SUP-SL-35 12-14	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	68	mg/Kg	UJ	N	x,a
580-22957-43	SUP-SL-35 14-16	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-43	SUP-SL-35 14-16	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	87	mg/Kg	UJ	N	x,a
580-22957-45	SUP-SL-39 1-2	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	120	mg/Kg	UJ	N	x,a

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-45	SUP-SL-39 1-2	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	22	mg/Kg	J	L	x,m
580-22957-46	SUP-SL-39 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	74	mg/Kg	J	L	x
580-22957-46	SUP-SL-39 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	110	mg/Kg	UJ	N	x,a
580-22957-47	SUP-SL-39 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	33	mg/Kg	J	L	x
580-22957-47	SUP-SL-39 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	260	mg/Kg	J	L	x
580-22957-48	SUP-SL-39 6-8	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	140	mg/Kg	J	L	x
580-22957-48	SUP-SL-39 6-8	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	220	mg/Kg	J	L	x
580-22957-49	SUP-SL-39 8-10	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	220	mg/Kg	J	L	x
580-22957-49	SUP-SL-39 8-10	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	290	mg/Kg	J	L	x,f
580-22957-50	SUP-SL-39 10-12	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	11	mg/Kg	J	L	x,m
580-22957-50	SUP-SL-39 10-12	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	59	mg/Kg	UJ	N	x,a
580-22957-51	SUP-SL-39 12-14	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	18	mg/Kg	J	L	x,n,m
580-22957-51	SUP-SL-39 12-14	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	78	mg/Kg	UJ	N	x,a,n
580-22957-52	SUP-SL-39 14-16	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	12	mg/Kg	J	L	x,m
580-22957-52	SUP-SL-39 14-16	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	46	mg/Kg	UJ	H	x,a,i
580-22957-53	SUP-SL-39 DUP	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	140	mg/Kg	J	L	x,n
580-22957-53	SUP-SL-39 DUP	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	390	mg/Kg	J	L	x,n
580-22957-54	SUP-SL-40 0-1	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	830	mg/Kg	J	L	x
580-22957-54	SUP-SL-40 0-1	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	80	mg/Kg	J	L	x
580-22957-55	SUP-SL-40 1-2	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	30	mg/Kg	J	L	x
580-22957-55	SUP-SL-40 1-2	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	300	mg/Kg	J	L	x
580-22957-56	SUP-SL-40 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	33	mg/Kg	J	L	x
580-22957-56	SUP-SL-40 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	330	mg/Kg	J	L	x
580-22957-57	SUP-SL-40 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	2100	mg/Kg	J	L	x
580-22957-57	SUP-SL-40 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	160	mg/Kg	J	L	x
580-22957-58	SUP-SL-40 6-8	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	380	mg/Kg	J	L	x
580-22957-58	SUP-SL-40 6-8	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	35	mg/Kg	J	L	x
580-22957-59	SUP-SL-40 8-10	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	57	mg/Kg	UJ	H	x,a,i
580-22957-59	SUP-SL-40 8-10	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-60	SUP-SL-40 10-12	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-60	SUP-SL-40 10-12	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	54	mg/Kg	UJ	H	x,a,i
580-22957-61	SUP-SL-40 12-14	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-61	SUP-SL-40 12-14	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	50	mg/Kg	UJ	H	x,a,i
580-22957-62	SUP-SL-40 14-16	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	55	mg/Kg	UJ	H	x,a,i
580-22957-62	SUP-SL-40 14-16	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22957-9	SUP-SL-32 1-2	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	2000	mg/Kg	J	L	x
580-22957-9	SUP-SL-32 1-2	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	150	mg/Kg	J	L	x
580-22988-1	SUP_SL_30 2-4	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	21	mg/Kg	UJ	N	x,a
580-22988-1	SUP_SL_30 2-4	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22988-2	SUP_SL_30 4-6	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	330	mg/Kg	J	L	x
580-22988-2	SUP_SL_30 4-6	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	42	mg/Kg	J	L	x

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22988-3	SUP_SL_30 10-12	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	9	mg/Kg	J	L	x,m
580-22988-3	SUP_SL_30 10-12	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	35	mg/Kg	UJ	N	x,a
580-22988-4	SUP_SL_30 12-14	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	18	mg/Kg	UJ	N	x,a
580-22988-4	SUP_SL_30 12-14	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x
580-22988-5	SUP_SL_30 14-16	Solid	NWTPH-Dx	Motor Oil (>C24-C36)	14	mg/Kg	UJ	N	x,a
580-22988-5	SUP_SL_30 14-16	Solid	NWTPH-Dx	#2 Diesel (C10-C24)	ND	mg/Kg	UJ	L	x

The following results were qualified for method NWTPH-Gx:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22988-3	SUP_SL_30 10-12	Solid	NWTPH-Gx	Gasoline	1.7	mg/Kg	J	N	m
580-22988-2	SUP_SL_30 4-6	Solid	NWTPH-Gx	Gasoline	6.8	mg/Kg	J	N	m
580-22957-11	SUP-SL-32 4-6	Solid	NWTPH-Gx	Gasoline	1.7	mg/Kg	J	N	m
580-22957-23	SUP-SL-33 10-12	Solid	NWTPH-Gx	Gasoline	2.4	mg/Kg	J	N	m
580-22957-22	SUP-SL-33 8-10	Solid	NWTPH-Gx	Gasoline	3.5	mg/Kg	J	N	m
580-22957-32	SUP-SL-34 12-14	Solid	NWTPH-Gx	Gasoline	1.7	mg/Kg	J	N	m
580-22957-28	SUP-SL-34 4-6	Solid	NWTPH-Gx	Gasoline	3.8	mg/Kg	J	N	m
580-22957-35	SUP-SL-35 0-1	Solid	NWTPH-Gx	Gasoline	4.1	mg/Kg	J	N	m
580-22957-36	SUP-SL-35 1-2	Solid	NWTPH-Gx	Gasoline	7	mg/Kg	J	N	m
580-22957-38	SUP-SL-35 4-6	Solid	NWTPH-Gx	Gasoline	6.1	mg/Kg	J	N	m
580-22957-39	SUP-SL-35 6-8	Solid	NWTPH-Gx	Gasoline	2.1	mg/Kg	J	N	m
580-22957-40	SUP-SL-35 8-10	Solid	NWTPH-Gx	Gasoline	1.4	mg/Kg	J	N	m
580-22957-48	SUP-SL-39 6-8	Solid	NWTPH-Gx	Gasoline	1.5	mg/Kg	J	N	m
580-22957-49	SUP-SL-39 8-10	Solid	NWTPH-Gx	Gasoline	3.8	mg/Kg	J	N	m
580-22957-55	SUP-SL-40 1-2	Solid	NWTPH-Gx	Gasoline	2	mg/Kg	J	N	m
580-22957-57	SUP-SL-40 4-6	Solid	NWTPH-Gx	Gasoline	2.4	mg/Kg	J	N	m

The following results were qualified for method 6010B:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-11	SUP-SL-32 4-6	Solid	6010B	Cadmium	0.33	mg/Kg	J	N	m
580-22957-14	SUP-SL-32 10-12	Solid	6010B	Cadmium	0.36	mg/Kg	J	N	m
580-22957-15	SUP-SL-32 12-14	Solid	6010B	Cadmium	0.35	mg/Kg	J	N	m
580-22957-16	SUP-SL-32 14-16	Solid	6010B	Cadmium	0.43	mg/Kg	J	N	m
580-22957-17	SUP-SL-33 DUP	Solid	6010B	Lead	9.2	mg/Kg	J	N	n
580-22957-19	SUP-SL-33 2-4	Solid	6010B	Lead	62	mg/Kg	J	N	n
580-22957-25	SUP-SL-33 14-16	Solid	6010B	Arsenic	2.8	mg/Kg	J	N	m
580-22957-26	SUP-SL-34 1-2	Solid	6010B	Arsenic	1.6	mg/Kg	J	N	m
580-22957-28	SUP-SL-34 4-6	Solid	6010B	Lead	2.1	mg/Kg	J	N	m
580-22957-30	SUP-SL-34 8-10	Solid	6010B	Lead	45	mg/Kg	J	N	n
580-22957-32	SUP-SL-34 12-14	Solid	6010B	Arsenic	1.9	mg/Kg	J	N	m
580-22957-33	SUP-SL-34 14-16	Solid	6010B	Lead	1.3	mg/Kg	J	N	m
580-22957-33	SUP-SL-34 14-16	Solid	6010B	Arsenic	2.3	mg/Kg	J	N	m

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-34	SUP-SL-34 DUP	Solid	6010B	Lead	11	mg/Kg	J	N	n
580-22957-35	SUP-SL-35 0-1	Solid	6010B	Lead	46	mg/Kg	J	L	c,g
580-22957-43	SUP-SL-35 14-16	Solid	6010B	Lead	1.3	mg/Kg	J	N	m
580-22957-47	SUP-SL-39 4-6	Solid	6010B	Arsenic	0.53	mg/Kg	J	N	m
580-22957-51	SUP-SL-39 12-14	Solid	6010B	Arsenic	1300	mg/Kg	J	N	n
580-22957-51	SUP-SL-39 12-14	Solid	6010B	Lead	4.5	mg/Kg	J	N	n
580-22957-53	SUP-SL-39 DUP	Solid	6010B	Lead	16	mg/Kg	J	N	g,n
580-22957-53	SUP-SL-39 DUP	Solid	6010B	Arsenic	ND	mg/Kg	UJ	N	n
580-22957-55	SUP-SL-40 1-2	Solid	6010B	Cadmium	0.43	mg/Kg	J	N	m
580-22957-57	SUP-SL-40 4-6	Solid	6010B	Cadmium	0.24	mg/Kg	J	N	m
580-22957-61	SUP-SL-40 12-14	Solid	6010B	Lead	1.2	mg/Kg	J	N	m
580-22957-61	SUP-SL-40 12-14	Solid	6010B	Cadmium	0.3	mg/Kg	J	N	m
580-22957-62	SUP-SL-40 14-16	Solid	6010B	Cadmium	0.29	mg/Kg	J	N	m
580-22957-62	SUP-SL-40 14-16	Solid	6010B	Lead	0.27	mg/Kg	J	N	m
580-22957-9	SUP-SL-32 1-2	Solid	6010B	Lead	46	mg/Kg	J	L	c,g
580-22957-9	SUP-SL-32 1-2	Solid	6010B	Cadmium	0.39	mg/Kg	J	N	m
580-22988-3	SUP_SL_30 10-12	Solid	6010B	Cadmium	0.56	mg/Kg	J	N	m
580-22988-4	SUP_SL_30 12-14	Solid	6010B	Cadmium	0.46	mg/Kg	J	N	m
580-22988-5	SUP_SL_30 14-16	Solid	6010B	Lead	1.4	mg/Kg	J	N	m
580-22988-5	SUP_SL_30 14-16	Solid	6010B	Cadmium	0.28	mg/Kg	J	N	m

The following results were qualified for method 6020:

Lab Sample ID	Client Sample ID	Matrix	Analysis Method	Analyte	Result	Unit	Qualifier	Bias	Reason Code
580-22957-44	SUP-GW-11	Water	6020	Lead	0.58	mg/L	J	L	p
580-22957-44	SUP-GW-11	Water	6020	Cadmium	0.00052	mg/L	J	L	p,m
580-22957-44	SUP-GW-11	Water	6020	Arsenic	12	mg/L	J	L	p
580-22957-44	SUP-GW-11	Water	6020	Lead	0.00018	mg/L	J	L	p,m
580-22957-44	SUP-GW-11	Water	6020	Cadmium	ND	mg/L	UJ	L	p
580-22957-44	SUP-GW-11	Water	6020	Arsenic	1.6	mg/L	J	L	p
580-22988-6	SUP_GW_10	Water	6020	Lead	91	mg/L	J	L	p
580-22988-6	SUP_GW_10	Water	6020	Cadmium	0.028	mg/L	J	L	p
580-22988-6	SUP_GW_10	Water	6020	Arsenic	81	mg/L	J	L	p
580-22988-6	SUP_GW_10	Water	6020	Lead	0.0027	mg/L	J	L	p
580-22988-6	SUP_GW_10	Water	6020	Cadmium	ND	mg/L	UJ	L	p
580-22988-6	SUP_GW_10	Water	6020	Arsenic	1	mg/L	J	L	p

Data Quality Summary

8260B

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	3835			
TOTAL QUALIFIED DATA	595	15.5%		
TOTAL REJECTED DATA				
Qualified/Rejected as a result of:				
m - Numerical value is between the MDL and RL	155	4.0%	26.1%	N
e - Holding time exceeded	112	2.9%	18.8%	L
b - Surrogate spike recovery outside control limits	62	1.6%	10.4%	L
i - Instrument calibration outside control limits	145	3.8%	24.4%	L
i - Instrument calibration outside control limits	2	0.1%	0.3%	H
a - The analyte was found in the method blank	36	0.9%	6.1%	H
e,m - Multiple Reasons	3	0.1%	0.5%	L
b,m - Multiple Reasons	1	0.0%	0.2%	L
b,i - Multiple Reasons	4	0.1%	0.7%	L
b,i - Multiple Reasons	1	0.0%	0.2%	H
b,m - Multiple Reasons	7	0.2%	1.2%	H
e,p - Multiple Reasons	54	1.4%	9.1%	N
b,i,m - Multiple Reasons	1	0.0%	0.2%	H
i,m - Multiple Reasons	3	0.1%	0.5%	H
e,a, - Multiple Reasons	3	0.1%	0.5%	N
p,a - Multiple Reasons		0.0%	0.0%	N
e,m,p - Multiple Reasons	4	0.1%	0.7%	L
e,k - Multiple Reasons	1	0.0%	0.2%	L

Data Quality Summary

8270C - Pentachlorophenol

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	18			
TOTAL QUALIFIED DATA	1	5.6%		
TOTAL REJECTED DATA	1	5.6%		
Qualified/Rejected as a result of:				
b - Surrogate spike recovery outside control limits	1	5.6%	100.0%	L

Data Quality Summary

8081A

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	168			
TOTAL QUALIFIED DATA	99	58.9%		
TOTAL REJECTED DATA				
Qualified/Rejected as a result of:				
e - Holding time exceeded	6	3.6%	6.1%	L
b - Surrogate spike recovery outside control limits	50	29.8%	50.5%	L
i - Instrument calibration outside control limits	13	7.7%	13.1%	L
b,m - Multiple Reasons	1	0.6%	1.0%	L
b,i - Multiple Reasons	9	5.4%	9.1%	L
c - MS/MSD recovery outside control limits	16	9.5%	16.2%	L
b,e - Multiple Reasons	2	1.2%	2.0%	N
c,i - Multiple Reasons	1	0.6%	1.0%	L
c,i,m - Multiple Reasons	1	0.6%	1.0%	L

Data Quality Summary

NWTPH-Dx

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	120			
TOTAL QUALIFIED DATA	116	96.7%		
TOTAL REJECTED DATA	0	0.0%		
Qualified/Rejected as a result of:				
x - Improper Sample Prep.	55	45.8%	47.4%	L
a,x - Multiple Reasons	26	21.7%	22.4%	N
x,n - Multiple Reasons	9	7.5%	7.8%	L
x,m - Multiple Reasons	16	13.3%	13.8%	L
x,m,n - Multiple Reasons	2	1.7%	1.7%	L
x,a,n - Multiple Reasons	1	0.8%	0.9%	N
x,a,i - Multiple Reasons	5	4.2%	4.3%	H
x,f - Multiple Reasons	2	1.7%	1.7%	L

Data Quality Summary

NWTPH-Gx

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	58			
TOTAL QUALIFIED DATA	16	27.6%		
TOTAL REJECTED DATA				
Qualified/Rejected as a result of:				
m - Numerical value is between the MDL and RL	16	27.6%	100.0%	N

Data Quality Summary

6010B, 6020 Metals

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	213			
TOTAL QUALIFIED DATA	45	21.1%		
TOTAL REJECTED DATA				
Qualified/Rejected as a result of:				
m - Numerical value is between the MDL and RL	23	10.8%	51.1%	N
p - Sample was not properly collected, preserved or shipped	10	4.7%	22.2%	L
p,m - Multiple Reasons	2	0.9%	4.4%	L
n - Field duplicate precision problem	7	3.3%	15.6%	N
c,g - Multiple Reasons	2	0.9%	4.4%	L
g,n - Multiple Reasons	1	0.5%	2.2%	H

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 257565
Sample Date(s): May 9, 2011

This review summarizes the data quality of analytical results generated in support of the May 9, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 257565.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257565



Delivery Group Summary

Thirty one soil samples and two soil field duplicates were collected by Pacific Environmental Redevelopment Corporation on May 9, 2011. Samples were hand delivered to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for semivolatile organic compounds (pentachlorophenol only) by method 8270.

The key data evaluation findings include the following:

- Pentachlorophenol results by method 8270 have 69.7% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:

Collected by the Field Crew		Provided by the Laboratory	
Soil= 31 Samples (2 Duplicates)	Groundwater= 0 Samples	Trip Blank (Soil)= 0 Samples	Trip Blank (Groundwater)= 0 Samples
8270 Pentachlorophenol Only			

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.

Action: No action was taken based on the evaluation of holding times.

Representativeness

Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)

Accuracy



- b. Positive results for that fraction are flagged as estimated (J).
- c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes /Methods Associated with Surrogate	Comment
SUP_SL_14 6-8	257565021	2,4,6-Tribromophenol	0.6	26-135	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Qualified based on criteria 4c.
SUP_SL_15 4-6	257565027	2,4,6-Tribromophenol	0.5	26-135	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Qualified based on criteria 4c.
SUP_SL_15 6-8	257565028	2,4,6-Tribromophenol	0.5	26-135	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Qualified based on criteria 4c.
SUP_SL_15 DUP	257565033	2,4,6-Tribromophenol	2	26-135	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Qualified based on criteria 4c.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples and trip blanks were not applicable for this sampling event. All blank results were nondetected.

Action: No action was taken based on the evaluation of blanks.

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one every 10 samples.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD. No action was taken based on the evaluation of MS/MSDs.

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_3 4-6	257565012	71494	Pentachlorophenol	0/0	40-119		30		MS/MSD recovery



									not evaluated against control limits due to sample dilution. Result was not qualified.
--	--	--	--	--	--	--	--	--	--

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one every ten samples.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics
 - a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
 - b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
 - c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).
2. Inorganics
 - a. Aqueous LCS:
 - i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
 - ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
 - iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
 - iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
 - v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
 - vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
 - vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).
 - b. Solid LCS:
 - i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
 - ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
 - iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
 - iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_1 10-12	257565001	69321	Pentachlorophenol	36	40-119			Low	Qualified based on criteria 1c.
SUP_SL_1 12-14	257565002								
SUP_SL_1 14-16	257565003								
SUP_SL_2 2-4	257565004								
SUP_SL_2 4-6	257565005								
SUP_SL_2 6-8	257565006								
SUP_SL_2 8-10	257565007								
SUP_SL_2 10-12	257565008								
SUP_SL_2 12-14	257565009								



SUP_SL_2 14-16	257565010								
SUP_SL_3 2-4	257565011								
SUP_SL_3 6-8	257565013								
SUP_SL_3 8-10	257565014								
SUP_SL_3 10-12	257565015								
SUP_SL_3 12-14	257565016								
SUP_SL_3 14-16	257565017								
SUP_SL_3 10-12 DUP	257565018								
SUP_SL_14 2-4	257565019								
SUP_SL_14 4-6	257565020								

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every ten samples. Sample SUP_SL_3 10-12 DUP (257565018) and sample SUP_SL_15 DUP (257565033) were collected as field duplicates. Sample SUP_SL_15 DUP (257565033) is associated with sample SUP_SL_15 4-6 (257565027). All sample results were non-detect.

Action: No action was taken based on the evaluation of field duplicates.

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

No discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition and were on ice. Cooler custody seals were used. The temperature of the delivery cooler was recorded at 5.9 °C and was within the required temperature range. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Due to extremely low recoveries (<10%) in the surrogates, the nondetected results for pentachlorophenol were rejected in samples SUP_SL_14 6-8 (257565021), SUP_SL_15 4-6 (257565027), SUP_SL_15 6-8 (257565028) and SUP_SL_15 DUP (257565033). The lab confirmed the matrix interference by re-analysis but did not re-extract the sample.

The lab reported that the pentachlorophenol result for samples SUP_SL_2 2-4 (257565004) and SUP_SL_3 6-8 (257565013) could not be concentrated to the routine final volume, resulting in elevated reporting limits. No action was taken.

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Twenty-three (23) sample results were qualified (see Attachment 1).
- Nineteen nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits.
- Four nondetected samples results were qualified rejected (UR) due to surrogate recoveries that exceeded control limits.

Excluding the four rejected sample results, all other sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257565

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_1 10-12	257565001	EPA 8270	Solid	Pentachlorophenol	<190	ug/kg	190	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_1 12-14	257565002	EPA 8270	Solid	Pentachlorophenol	<227	ug/kg	227	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_1 14-16	257565003	EPA 8270	Solid	Pentachlorophenol	<134	ug/kg	134	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_2 2-4	257565004	EPA 8270	Solid	Pentachlorophenol	<160	ug/kg	160	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_2 4-6	257565005	EPA 8270	Solid	Pentachlorophenol	<166	ug/kg	166	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_2 6-8	257565006	EPA 8270	Solid	Pentachlorophenol	<185	ug/kg	185	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_2 8-10	257565007	EPA 8270	Solid	Pentachlorophenol	<157	ug/kg	157	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_2 10-12	257565008	EPA 8270	Solid	Pentachlorophenol	<158	ug/kg	158	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_2 12-14	257565009	EPA 8270	Solid	Pentachlorophenol	<162	ug/kg	162	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_2 14-16	257565010	EPA 8270	Solid	Pentachlorophenol	<148	ug/kg	148	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_3 2-4	257565011	EPA 8270	Solid	Pentachlorophenol	<121	ug/kg	121	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_3 6-8	257565013	EPA 8270	Solid	Pentachlorophenol	<1510	ug/kg	1510	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_3 8-10	257565014	EPA 8270	Solid	Pentachlorophenol	<152	ug/kg	152	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_3 10-12	257565015	EPA 8270	Solid	Pentachlorophenol	<156	ug/kg	156	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_3 12-14	257565016	EPA 8270	Solid	Pentachlorophenol	<152	ug/kg	152	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_3 14-16	257565017	EPA 8270	Solid	Pentachlorophenol	<143	ug/kg	143	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_3 10-12 Dup	257565018	EPA 8270	Solid	Pentachlorophenol	<156	ug/kg	156	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_14 2-4	257565019	EPA 8270	Solid	Pentachlorophenol	<113	ug/kg	113	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_14 4-6	257565020	EPA 8270	Solid	Pentachlorophenol	<203	ug/kg	203	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_14 6-8	257565021	EPA 8270	Solid	Pentachlorophenol	<267	ug/kg	267	UR	Surrogate Recoveries Exceed Control Limits
SUP_SL_15 4-6	257565027	EPA 8270	Solid	Pentachlorophenol	<242	ug/kg	242	UR	Surrogate Recoveries Exceed Control Limits
SUP_SL_15 6-8	257565028	EPA 8270	Solid	Pentachlorophenol	<379	ug/kg	379	UR	Surrogate Recoveries Exceed Control Limits
SUP_SL_15 Dup	257565033	EPA 8270	Solid	Pentachlorophenol	<197	ug/kg	197	UR	Surrogate Recoveries Exceed Control Limits

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 257565

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on May 09, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the PQL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 257565

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon
Pace Project No.: 257565

Lab ID	Sample ID	Matrix	Date Collected	Date Received
257565001	SUP_SL_1 10-12	Solid	05/09/11 10:38	05/09/11 15:00
257565002	SUP_SL_1 12-14	Solid	05/09/11 10:42	05/09/11 15:00
257565003	SUP_SL_1 14-16	Solid	05/09/11 10:47	05/09/11 15:00
257565004	SUP_SL_2 2-4	Solid	05/09/11 09:52	05/09/11 15:00
257565005	SUP_SL_2 4-6	Solid	05/09/11 09:59	05/09/11 15:00
257565006	SUP_SL_2 6-8	Solid	05/09/11 10:07	05/09/11 15:00
257565007	SUP_SL_2 8-10	Solid	05/09/11 10:12	05/09/11 15:00
257565008	SUP_SL_2 10-12	Solid	05/09/11 10:17	05/09/11 15:00
257565009	SUP_SL_2 12-14	Solid	05/09/11 10:21	05/09/11 15:00
257565010	SUP_SL_2 14-16	Solid	05/09/11 10:27	05/09/11 15:00
257565011	SUP_SL_3 2-4	Solid	05/09/11 12:20	05/09/11 15:00
257565012	SUP_SL_3 4-6	Solid	05/09/11 12:22	05/09/11 15:00
257565013	SUP_SL_3 6-8	Solid	05/09/11 12:24	05/09/11 15:00
257565014	SUP_SL_3 8-10	Solid	05/09/11 12:28	05/09/11 15:00
257565015	SUP_SL_3 10-12	Solid	05/09/11 12:32	05/09/11 15:00
257565016	SUP_SL_3 12-14	Solid	05/09/11 12:34	05/09/11 15:00
257565017	SUP_SL_3 14-16	Solid	05/09/11 12:36	05/09/11 15:00
257565018	SUP_SL_3 10-12 Dup	Solid	05/09/11 12:40	05/09/11 15:00
257565019	SUP_SL_14 2-4	Solid	05/09/11 11:42	05/09/11 15:00
257565020	SUP_SL_14 4-6	Solid	05/09/11 11:47	05/09/11 15:00
257565021	SUP_SL_14 6-8	Solid	05/09/11 11:52	05/09/11 15:00
257565022	SUP_SL_14 8-10	Solid	05/09/11 11:57	05/09/11 15:00
257565023	SUP_SL_14 10-12	Solid	05/09/11 12:02	05/09/11 15:00
257565024	SUP_SL_14 12-14	Solid	05/09/11 12:07	05/09/11 15:00
257565025	SUP_SL_14 14-16	Solid	05/09/11 12:12	05/09/11 15:00
257565026	SUP_SL_15 2-4	Solid	05/09/11 11:05	05/09/11 15:00
257565027	SUP_SL_15 4-6	Solid	05/09/11 11:09	05/09/11 15:00
257565028	SUP_SL_15 6-8	Solid	05/09/11 11:12	05/09/11 15:00
257565029	SUP_SL_15 8-10	Solid	05/09/11 11:17	05/09/11 15:00
257565030	SUP_SL_15 10-12	Solid	05/09/11 11:22	05/09/11 15:00
257565031	SUP_SL_15 12-14	Solid	05/09/11 11:28	05/09/11 15:00
257565032	SUP_SL_15 14-16	Solid	05/09/11 11:32	05/09/11 15:00
257565033	SUP_SL_15 Dup	Solid	05/09/11 11:37	05/09/11 15:00
257565034	Level IV Package - 20%	Solid	05/09/11 00:00	05/09/11 15:00

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257565

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257565001	SUP_SL_1 10-12	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565002	SUP_SL_1 12-14	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565003	SUP_SL_1 14-16	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565004	SUP_SL_2 2-4	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565005	SUP_SL_2 4-6	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565006	SUP_SL_2 6-8	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565007	SUP_SL_2 8-10	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565008	SUP_SL_2 10-12	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565009	SUP_SL_2 12-14	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565010	SUP_SL_2 14-16	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565011	SUP_SL_3 2-4	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565012	SUP_SL_3 4-6	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565013	SUP_SL_3 6-8	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565014	SUP_SL_3 8-10	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565015	SUP_SL_3 10-12	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565016	SUP_SL_3 12-14	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565017	SUP_SL_3 14-16	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565018	SUP_SL_3 10-12 Dup	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257565019	SUP_SL_14 2-4	EPA 8270	DMT	2	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257565

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257565020	SUP_SL_14 4-6	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565021	SUP_SL_14 6-8	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565022	SUP_SL_14 8-10	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565023	SUP_SL_14 10-12	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565024	SUP_SL_14 12-14	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565025	SUP_SL_14 14-16	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565026	SUP_SL_15 2-4	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565027	SUP_SL_15 4-6	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565028	SUP_SL_15 6-8	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565029	SUP_SL_15 8-10	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565030	SUP_SL_15 10-12	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565031	SUP_SL_15 12-14	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565032	SUP_SL_15 14-16	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S
257565033	SUP_SL_15 Dup	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8270	DMT	2	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257565

Sample: SUP_SL_1 10-12 **Lab ID:** 257565001 Collected: 05/09/11 10:38 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	599	190	1	05/10/11 13:45	05/13/11 20:27	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	87 %		26-135		1	05/10/11 13:45	05/13/11 20:27	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	46.0 %		0.10	0.10	1		05/10/11 15:45		

Sample: SUP_SL_1 12-14 **Lab ID:** 257565002 Collected: 05/09/11 10:42 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	718	227	1	05/10/11 13:45	05/13/11 20:50	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	89 %		26-135		1	05/10/11 13:45	05/13/11 20:50	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	54.6 %		0.10	0.10	1		05/10/11 15:46		

Sample: SUP_SL_1 14-16 **Lab ID:** 257565003 Collected: 05/09/11 10:47 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	424	134	1	05/10/11 13:45	05/13/11 21:13	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	83 %		26-135		1	05/10/11 13:45	05/13/11 21:13	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	23.6 %		0.10	0.10	1		05/10/11 15:47		

Sample: SUP_SL_2 2-4 **Lab ID:** 257565004 Collected: 05/09/11 09:52 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	506	160	1	05/10/11 13:45	05/14/11 03:46	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257565

Sample: SUP_SL_2 2-4 **Lab ID: 257565004** Collected: 05/09/11 09:52 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
2,4,6-Tribromophenol (S)	42 %		26-135		1	05/10/11 13:45	05/14/11 03:46	118-79-6	P3
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	36.6 %		0.10	0.10	1		05/10/11 15:47		

Sample: SUP_SL_2 4-6 **Lab ID: 257565005** Collected: 05/09/11 09:59 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
Pentachlorophenol	ND ug/kg		523	166	1	05/10/11 13:45	05/14/11 02:37	87-86-5	
2,4,6-Tribromophenol (S)	83 %		26-135		1	05/10/11 13:45	05/14/11 02:37	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.3 %		0.10	0.10	1		05/10/11 15:48		

Sample: SUP_SL_2 6-8 **Lab ID: 257565006** Collected: 05/09/11 10:07 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
Pentachlorophenol	ND ug/kg		583	185	1	05/10/11 13:45	05/13/11 21:37	87-86-5	
2,4,6-Tribromophenol (S)	43 %		26-135		1	05/10/11 13:45	05/13/11 21:37	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	44.5 %		0.10	0.10	1		05/10/11 15:48		

Sample: SUP_SL_2 8-10 **Lab ID: 257565007** Collected: 05/09/11 10:12 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
Pentachlorophenol	ND ug/kg		496	157	1	05/10/11 13:45	05/13/11 22:00	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257565

Sample: SUP_SL_2 8-10 **Lab ID: 257565007** Collected: 05/09/11 10:12 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	88 %		26-135		1	05/10/11 13:45	05/13/11 22:00	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	34.9 %		0.10	0.10	1		05/10/11 15:49		

Sample: SUP_SL_2 10-12 **Lab ID: 257565008** Collected: 05/09/11 10:17 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		498	158	1	05/10/11 13:45	05/13/11 22:23	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	86 %		26-135		1	05/10/11 13:45	05/13/11 22:23	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	34.4 %		0.10	0.10	1		05/10/11 15:50		

Sample: SUP_SL_2 12-14 **Lab ID: 257565009** Collected: 05/09/11 10:21 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		512	162	1	05/10/11 13:45	05/13/11 22:46	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	82 %		26-135		1	05/10/11 13:45	05/13/11 22:46	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.8 %		0.10	0.10	1		05/10/11 15:50		

Sample: SUP_SL_2 14-16 **Lab ID: 257565010** Collected: 05/09/11 10:27 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		468	148	1	05/10/11 13:45	05/13/11 23:09	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257565

Sample: SUP_SL_2 14-16 **Lab ID: 257565010** Collected: 05/09/11 10:27 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	77 %		26-135		1	05/10/11 13:45	05/13/11 23:09	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	30.7 %		0.10	0.10	1		05/10/11 15:51		

Sample: SUP_SL_3 2-4 **Lab ID: 257565011** Collected: 05/09/11 12:20 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		382	121	1	05/10/11 13:45	05/14/11 03:00	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	97 %		26-135		1	05/10/11 13:45	05/14/11 03:00	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	14.0 %		0.10	0.10	1		05/10/11 15:51		

Sample: SUP_SL_3 4-6 **Lab ID: 257565012** Collected: 05/09/11 12:22 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		4130	1310	10	05/22/11 22:05	05/23/11 15:04	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	40 %		26-135		10	05/22/11 22:05	05/23/11 15:04	118-79-6	D3
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.8 %		0.10	0.10	1		05/11/11 15:49		

Sample: SUP_SL_3 6-8 **Lab ID: 257565013** Collected: 05/09/11 12:24 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		4760	1510	10	05/10/11 13:45	05/16/11 21:40	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257565

Sample: SUP_SL_3 6-8 **Lab ID: 257565013** Collected: 05/09/11 12:24 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	47 %		26-135		10	05/10/11 13:45	05/16/11 21:40	118-79-6	D3,P3
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	31.0 %		0.10	0.10	1		05/11/11 15:50		

Sample: SUP_SL_3 8-10 **Lab ID: 257565014** Collected: 05/09/11 12:28 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		478	152	1	05/10/11 13:45	05/13/11 23:32	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	85 %		26-135		1	05/10/11 13:45	05/13/11 23:32	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	32.1 %		0.10	0.10	1		05/11/11 15:50		

Sample: SUP_SL_3 10-12 **Lab ID: 257565015** Collected: 05/09/11 12:32 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		492	156	1	05/10/11 13:45	05/13/11 23:55	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	80 %		26-135		1	05/10/11 13:45	05/13/11 23:55	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	33.8 %		0.10	0.10	1		05/11/11 15:51		

Sample: SUP_SL_3 12-14 **Lab ID: 257565016** Collected: 05/09/11 12:34 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		479	152	1	05/10/11 13:45	05/14/11 00:18	87-86-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257565

Sample: SUP_SL_3 12-14 **Lab ID:** 257565016 Collected: 05/09/11 12:34 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	77 %		26-135		1	05/10/11 13:45	05/14/11 00:18	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	32.0 %		0.10	0.10	1		05/11/11 15:52		

Sample: SUP_SL_3 14-16 **Lab ID:** 257565017 Collected: 05/09/11 12:36 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		451	143	1	05/10/11 13:45	05/14/11 00:41	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	75 %		26-135		1	05/10/11 13:45	05/14/11 00:41	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	28.0 %		0.10	0.10	1		05/11/11 15:53		

Sample: SUP_SL_3 10-12 Dup **Lab ID:** 257565018 Collected: 05/09/11 12:40 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		493	156	1	05/10/11 13:45	05/14/11 01:04	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	83 %		26-135		1	05/10/11 13:45	05/14/11 01:04	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	34.6 %		0.10	0.10	1		05/11/11 15:53		

Sample: SUP_SL_14 2-4 **Lab ID:** 257565019 Collected: 05/09/11 11:42 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		357	113	1	05/10/11 13:45	05/14/11 01:27	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257565

Sample: SUP_SL_14 2-4 **Lab ID:** 257565019 Collected: 05/09/11 11:42 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	75 %		26-135		1	05/10/11 13:45	05/14/11 01:27	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	8.0 %		0.10	0.10	1		05/11/11 15:54		

Sample: SUP_SL_14 4-6 **Lab ID:** 257565020 Collected: 05/09/11 11:47 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		641	203	1	05/10/11 13:45	05/14/11 03:23	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	93 %		26-135		1	05/10/11 13:45	05/14/11 03:23	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	49.1 %		0.10	0.10	1		05/11/11 15:54		

Sample: SUP_SL_14 6-8 **Lab ID:** 257565021 Collected: 05/09/11 11:52 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		843	267	1	05/10/11 12:55	05/13/11 00:49	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	.6 %		26-135		1	05/10/11 12:55	05/13/11 00:49	118-79-6	S2
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	61.0 %		0.10	0.10	1		05/11/11 15:55		

Sample: SUP_SL_14 8-10 **Lab ID:** 257565022 Collected: 05/09/11 11:57 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		544	172	1	05/10/11 12:55	05/12/11 20:37	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257565

Sample: SUP_SL_14 8-10 **Lab ID: 257565022** Collected: 05/09/11 11:57 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
2,4,6-Tribromophenol (S)	78 %		26-135		1	05/10/11 12:55	05/12/11 20:37	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	39.5 %		0.10	0.10	1		05/11/11 15:56		

Sample: SUP_SL_14 10-12 **Lab ID: 257565023** Collected: 05/09/11 12:02 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
Pentachlorophenol	ND ug/kg		494	156	1	05/10/11 12:55	05/12/11 21:00	87-86-5	
2,4,6-Tribromophenol (S)	85 %		26-135		1	05/10/11 12:55	05/12/11 21:00	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	34.7 %		0.10	0.10	1		05/11/11 15:57		

Sample: SUP_SL_14 12-14 **Lab ID: 257565024** Collected: 05/09/11 12:07 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
Pentachlorophenol	ND ug/kg		509	161	1	05/10/11 12:55	05/12/11 21:23	87-86-5	
2,4,6-Tribromophenol (S)	89 %		26-135		1	05/10/11 12:55	05/12/11 21:23	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.6 %		0.10	0.10	1		05/11/11 15:57		

Sample: SUP_SL_14 14-16 **Lab ID: 257565025** Collected: 05/09/11 12:12 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
Pentachlorophenol	ND ug/kg		441	140	1	05/10/11 12:55	05/12/11 21:46	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257565

Sample: SUP_SL_14 14-16 **Lab ID: 257565025** Collected: 05/09/11 12:12 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	85 %		26-135		1	05/10/11 12:55	05/12/11 21:46	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.6 %		0.10	0.10	1		05/11/11 15:58		

Sample: SUP_SL_15 2-4 **Lab ID: 257565026** Collected: 05/09/11 11:05 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		395	125	1	05/10/11 12:55	05/13/11 01:12	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	87 %		26-135		1	05/10/11 12:55	05/13/11 01:12	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	16.9 %		0.10	0.10	1		05/11/11 15:58		

Sample: SUP_SL_15 4-6 **Lab ID: 257565027** Collected: 05/09/11 11:09 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		763	242	1	05/10/11 12:55	05/13/11 01:35	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	.5 %		26-135		1	05/10/11 12:55	05/13/11 01:35	118-79-6	S2
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	57.3 %		0.10	0.10	1		05/11/11 15:59		

Sample: SUP_SL_15 6-8 **Lab ID: 257565028** Collected: 05/09/11 11:12 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		1200	379	1	05/10/11 12:55	05/13/11 00:26	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257565

Sample: SUP_SL_15 6-8 **Lab ID:** 257565028 Collected: 05/09/11 11:12 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
2,4,6-Tribromophenol (S)	.5 %		26-135		1	05/10/11 12:55	05/13/11 00:26	118-79-6	S2
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	72.5 %		0.10	0.10	1		05/11/11 16:00		

Sample: SUP_SL_15 8-10 **Lab ID:** 257565029 Collected: 05/09/11 11:17 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		614	195	1	05/10/11 12:55	05/12/11 22:55	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	49 %		26-135		1	05/10/11 12:55	05/12/11 22:55	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	46.7 %		0.10	0.10	1		05/11/11 16:01		

Sample: SUP_SL_15 10-12 **Lab ID:** 257565030 Collected: 05/09/11 11:22 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		498	158	1	05/10/11 12:55	05/12/11 23:18	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	32 %		26-135		1	05/10/11 12:55	05/12/11 23:18	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.6 %		0.10	0.10	1		05/11/11 16:01		

Sample: SUP_SL_15 12-14 **Lab ID:** 257565031 Collected: 05/09/11 11:28 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		433	137	1	05/10/11 12:55	05/12/11 23:41	87-86-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257565

Sample: SUP_SL_15 12-14 **Lab ID: 257565031** Collected: 05/09/11 11:28 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	85 %		26-135		1	05/10/11 12:55	05/12/11 23:41	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	24.1 %		0.10	0.10	1		05/11/11 16:02		

Sample: SUP_SL_15 14-16 **Lab ID: 257565032** Collected: 05/09/11 11:32 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		412	130	1	05/10/11 12:55	05/13/11 00:03	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	81 %		26-135		1	05/10/11 12:55	05/13/11 00:03	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	22.1 %		0.10	0.10	1		05/11/11 16:43		

Sample: SUP_SL_15 Dup **Lab ID: 257565033** Collected: 05/09/11 11:37 Received: 05/09/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		621	197	1	05/10/11 12:55	05/13/11 01:58	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	2 %		26-135		1	05/10/11 12:55	05/13/11 01:58	118-79-6	S2
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	47.5 %		0.10	0.10	1		05/11/11 16:44		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257565

QC Batch: OEXT/3674 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 257565001, 257565002, 257565003, 257565004, 257565005, 257565006, 257565007, 257565008, 257565009, 257565010, 257565011, 257565013, 257565014, 257565015, 257565016, 257565017, 257565018, 257565019, 257565020

METHOD BLANK: 69320 Matrix: Solid
 Associated Lab Samples: 257565001, 257565002, 257565003, 257565004, 257565005, 257565006, 257565007, 257565008, 257565009, 257565010, 257565011, 257565013, 257565014, 257565015, 257565016, 257565017, 257565018, 257565019, 257565020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	05/13/11 19:41	
2,4,6-Tribromophenol (S)	%	45	26-135	05/13/11 19:41	

LABORATORY CONTROL SAMPLE: 69321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	482	36	20-89	
2,4,6-Tribromophenol (S)	%			73	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 69322 69323

Parameter	Units	257565019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Pentachlorophenol	ug/kg	ND	1400	1440	919	837	65	58	10-143	9	28	
2,4,6-Tribromophenol (S)	%						92	86	26-135			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257565

QC Batch: OEXT/3675 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 257565021, 257565022, 257565023, 257565024, 257565025, 257565026, 257565027, 257565028, 257565029, 257565030, 257565031, 257565032, 257565033

METHOD BLANK: 69324 Matrix: Solid
 Associated Lab Samples: 257565021, 257565022, 257565023, 257565024, 257565025, 257565026, 257565027, 257565028, 257565029, 257565030, 257565031, 257565032, 257565033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	05/12/11 19:51	
2,4,6-Tribromophenol (S)	%	49	26-135	05/12/11 19:51	

LABORATORY CONTROL SAMPLE: 69325

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	569	43	20-89	
2,4,6-Tribromophenol (S)	%			83	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 69326 69327

Parameter	Units	257565025 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1750	1730	1270	1390	73	80	10-143	9	28	
2,4,6-Tribromophenol (S)	%						92	93	26-135			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257565

QC Batch: OEXT/3749 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 257565012

METHOD BLANK: 71492 Matrix: Solid
Associated Lab Samples: 257565012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	05/23/11 12:47	
2,4,6-Tribromophenol (S)	%	83	26-135	05/23/11 12:47	

LABORATORY CONTROL SAMPLE: 71493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	1070	80	20-89	
2,4,6-Tribromophenol (S)	%			98	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71494 71495

Parameter	Units	257565012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1680	1670	ND	ND	0	0	10-143		28	M6
2,4,6-Tribromophenol (S)	%						45	40	26-135			D3

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257565

QC Batch: PMST/1672

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 257565001, 257565002, 257565003, 257565004, 257565005, 257565006, 257565007, 257565008, 257565009, 257565010, 257565011

SAMPLE DUPLICATE: 69410

Parameter	Units	257557046 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.5	21.0	3	30	

SAMPLE DUPLICATE: 69411

Parameter	Units	257565011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.0	14.4	3	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257565

QC Batch:	PMST/1673	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture

Associated Lab Samples: 257565012, 257565013, 257565014, 257565015, 257565016, 257565017, 257565018, 257565019, 257565020, 257565021, 257565022, 257565023, 257565024, 257565025, 257565026, 257565027, 257565028, 257565029, 257565030, 257565031

SAMPLE DUPLICATE: 69661

Parameter	Units	257565012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.8	22.5	8	30	

SAMPLE DUPLICATE: 69662

Parameter	Units	257565030 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	35.6	38.4	8	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257565

QC Batch: PMST/1674

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 257565032, 257565033

SAMPLE DUPLICATE: 69667

Parameter	Units	257565032 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.1	22.0	.09	30	

SAMPLE DUPLICATE: 69668

Parameter	Units	257591004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.8	16.9	5	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 257565

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

M6 Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

P3 Sample extract could not be concentrated to the routine final volume, resulting in elevated reporting limits.

S2 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 257565

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257565001	SUP_SL_1 10-12	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565002	SUP_SL_1 12-14	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565003	SUP_SL_1 14-16	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565004	SUP_SL_2 2-4	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565005	SUP_SL_2 4-6	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565006	SUP_SL_2 6-8	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565007	SUP_SL_2 8-10	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565008	SUP_SL_2 10-12	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565009	SUP_SL_2 12-14	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565010	SUP_SL_2 14-16	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565011	SUP_SL_3 2-4	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565012	SUP_SL_3 4-6	EPA 3546	OEXT/3749	EPA 8270	MSSV/1635
257565013	SUP_SL_3 6-8	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565014	SUP_SL_3 8-10	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565015	SUP_SL_3 10-12	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565016	SUP_SL_3 12-14	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565017	SUP_SL_3 14-16	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565018	SUP_SL_3 10-12 Dup	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565019	SUP_SL_14 2-4	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565020	SUP_SL_14 4-6	EPA 3546	OEXT/3674	EPA 8270	MSSV/1617
257565021	SUP_SL_14 6-8	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565022	SUP_SL_14 8-10	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565023	SUP_SL_14 10-12	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565024	SUP_SL_14 12-14	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565025	SUP_SL_14 14-16	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565026	SUP_SL_15 2-4	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565027	SUP_SL_15 4-6	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565028	SUP_SL_15 6-8	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565029	SUP_SL_15 8-10	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565030	SUP_SL_15 10-12	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565031	SUP_SL_15 12-14	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565032	SUP_SL_15 14-16	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565033	SUP_SL_15 Dup	EPA 3546	OEXT/3675	EPA 8270	MSSV/1618
257565001	SUP_SL_1 10-12	ASTM D2974-87	PMST/1672		
257565002	SUP_SL_1 12-14	ASTM D2974-87	PMST/1672		
257565003	SUP_SL_1 14-16	ASTM D2974-87	PMST/1672		
257565004	SUP_SL_2 2-4	ASTM D2974-87	PMST/1672		
257565005	SUP_SL_2 4-6	ASTM D2974-87	PMST/1672		
257565006	SUP_SL_2 6-8	ASTM D2974-87	PMST/1672		
257565007	SUP_SL_2 8-10	ASTM D2974-87	PMST/1672		
257565008	SUP_SL_2 10-12	ASTM D2974-87	PMST/1672		
257565009	SUP_SL_2 12-14	ASTM D2974-87	PMST/1672		
257565010	SUP_SL_2 14-16	ASTM D2974-87	PMST/1672		
257565011	SUP_SL_3 2-4	ASTM D2974-87	PMST/1672		
257565012	SUP_SL_3 4-6	ASTM D2974-87	PMST/1673		
257565013	SUP_SL_3 6-8	ASTM D2974-87	PMST/1673		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 257565

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257565014	SUP_SL_3 8-10	ASTM D2974-87	PMST/1673		
257565015	SUP_SL_3 10-12	ASTM D2974-87	PMST/1673		
257565016	SUP_SL_3 12-14	ASTM D2974-87	PMST/1673		
257565017	SUP_SL_3 14-16	ASTM D2974-87	PMST/1673		
257565018	SUP_SL_3 10-12 Dup	ASTM D2974-87	PMST/1673		
257565019	SUP_SL_14 2-4	ASTM D2974-87	PMST/1673		
257565020	SUP_SL_14 4-6	ASTM D2974-87	PMST/1673		
257565021	SUP_SL_14 6-8	ASTM D2974-87	PMST/1673		
257565022	SUP_SL_14 8-10	ASTM D2974-87	PMST/1673		
257565023	SUP_SL_14 10-12	ASTM D2974-87	PMST/1673		
257565024	SUP_SL_14 12-14	ASTM D2974-87	PMST/1673		
257565025	SUP_SL_14 14-16	ASTM D2974-87	PMST/1673		
257565026	SUP_SL_15 2-4	ASTM D2974-87	PMST/1673		
257565027	SUP_SL_15 4-6	ASTM D2974-87	PMST/1673		
257565028	SUP_SL_15 6-8	ASTM D2974-87	PMST/1673		
257565029	SUP_SL_15 8-10	ASTM D2974-87	PMST/1673		
257565030	SUP_SL_15 10-12	ASTM D2974-87	PMST/1673		
257565031	SUP_SL_15 12-14	ASTM D2974-87	PMST/1673		
257565032	SUP_SL_15 14-16	ASTM D2974-87	PMST/1674		
257565033	SUP_SL_15 Dup	ASTM D2974-87	PMST/1674		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 257591
Sample Date(s): May 10, 2011

This review summarizes the data quality of analytical results generated in support of the May 10, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 257591.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257591



Delivery Group Summary

Fifty-five soil samples, two groundwater samples, two soil field duplicates, five soil trip blanks, and one groundwater trip blank were collected by Pacific Environmental Redevelopment Corporation on May 10, 2011. Samples were delivered to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), metals (mercury), diesel range organics, gasoline range organics, semivolatile organic compounds (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 7471, NWTPH-Dx, NWTPH-Gx, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 have 10.2% of the results qualified.
- Mercury results by method 7471 are of acceptable quality. None of the results were qualified.
- Pentachlorophenol results by method 8270 have 96.5% of the results qualified.
- VOC results by method 8260 have 7.4% of the results qualified.
- Diesel range organic results by method NWTPH-Dx are of acceptable quality. None of the results were qualified.
- Gasoline range organic results by method NWTPH-Gx have 100% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 53 Samples (2 Duplicates)	Groundwater= 2 Samples	Trip Blank (Soil)= 5 Samples	Trip Blank (Groundwater)= 1 Sample
6010 Metals (As, Pb, Cd) 7471 Mercury NWTPH-Dx NWTPH-Gx 8270 Pentachlorophenol Only 8260 VOCs	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 8270 Pentachlorophenol Only 8260 VOCs	NWTPH-Gx 8260 VOCs	8260 VOCs



Representativeness

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.

Action: No action was taken based on the evaluation of holding times.

Accuracy

Surrogates:

All surrogate recoveries were within the control limits.

Action: No action was taken based on the evaluation of surrogate recoveries.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Multiple coolers were used to transport the samples but some of them did not contain trip blanks. There is also no documentation on which trip blanks and samples went with which cooler, therefore trip blank detects are listed below but were not used to qualify sample results. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
257591006	Trip Blank			1,2,3-Trichlorobenzene	0.56 J	ug/kg
				1,2,4-Trichlorobenzene	0.38 J	ug/kg
				1,2,4-Trimethylbenzene	0.62 J	ug/kg
				Acetone	2.3 J	ug/kg
				Chloroform	0.20 J	ug/kg
				Ethylbenzene	0.49 J	ug/kg
				Toluene	1.7 J	ug/kg
				Xylene (Total)	2.5 J	ug/kg
				m&p-Xylene	2.0 J	ug/kg
				o-Xylene	0.50 J	ug/kg
257591023	Trip Blank			1,2,4-Trichlorobenzene	0.25 J	ug/kg
				1,2,4-Trimethylbenzene	1.1 J	ug/kg
				Benzene	0.46 J	ug/kg
				Ethylbenzene	0.79 J	ug/kg
				Methylene chloride	22.3	ug/kg
				Naphthalene	1.1 J	ug/kg
				Xylene (Total)	3.3 J	ug/kg
				m&p-Xylene	2.6 J	ug/kg
o-Xylene	0.65 J	ug/kg				
257591032	Trip Blank			1,2,4-Trimethylbenzene	1.1 J	ug/kg
				Benzene	0.44 J	ug/kg
				Carbon tetrachloride	0.70 J	ug/kg
				Ethylbenzene	0.78 J	ug/kg
				Naphthalene	0.95 J	ug/kg
				Xylene (Total)	3.3 J	ug/kg
				m&p-Xylene	2.6 J	ug/kg
				o-Xylene	0.68 J	ug/kg
257591046	Trip Blank			Acetone	13.1	ug/kg
				Toluene	1.3 J	ug/kg
257591060	Trip Blank			Gasoline Range Organics	0.52 J	mg/kg
				Acetone	3.4 J	ug/kg
				Methylene chloride	16.1	ug/kg
				Toluene	0.85 J	ug/kg
257591063	Trip Blank			1,2,4-Trimethylbenzene	0.33 J	ug/L



				Acetone	1.4 J	ug/L
				Naphthalene	0.13 J	ug/L
				Toluene	0.23 J	ug/L
				Xylene (Total)	0.75 J	ug/L
				m&p-Xylene	0.57 J	ug/L
				o-Xylene	0.18 J	ug/L
70689	Method Blank	SUP_SL_26 9-10 SUP_SL_26 10-12 SUP_SL_26 12-14 SUP_SL_26 14-16 SUP_SL_27 3-4 SUP_SL_27 4-5 SUP_SL_27 5-6 SUP_SL_27 6-8 SUP_SL_27 8-10 SUP_SL_27 10-12 SUP_SL_27 12-14 SUP_SL_27 14-16	257591048 257591049 257591050 257591051 257591052 257591053 257591054 257591055 257591056 257591057 257591058 257591059	Gasoline Range Organics	0.59 J	mg/kg
70221	Method Blank	SUP_SL_16 12-14 SUP_SL_16 14-16 SUP_SL_17 8-10 SUP_SL_17 10-12 SUP_SL_17 12-14 SUP_SL_17 14-16 SUP_SL_17_DUP SUP_SL_26 5-9 SUP_SL_26 9-10 SUP_SL_26 10-12 SUP_SL_26 12-14 SUP_SL_26 14-16 SUP_SL_27 3-4 SUP_SL_27 4-5 SUP_SL_27 5-6 SUP_SL_27 6-8 SUP_SL_27 8-10 SUP_SL_27 10-12 SUP_SL_27 12-14 SUP_SL_27 14-16	257591039 257591040 257591041 257591042 257591043 257591044 257591045 257591047 257591048 257591049 257591050 257591051 257591052 257591053 257591054 257591055 257591056 257591057 257591058 257591059	Cadmium	0.014 J	mg/kg
70673	Method Blank	SUP_GW_3	257591061	Arsenic, Dissolved	0.063	mg/L
70692	Method Blank	SUP_GW_6	257591062	Arsenic, Dissolved	0.015 J	mg/L
69739	Method Blank	SUP_GW_3 SUP_GW_6	257591061 257591062	1,2,4-Trimethylbenzene	0.36 J	ug/L
				Benzene	0.13 J	ug/L
				m&p-Xylene	0.62 J	ug/L
				n-Butylbenzene	0.12 J	ug/L
				Naphthalene	0.23 J	ug/L
				o-Xylene	0.20 J	ug/L
				Toluene	0.28 J	ug/L
Xylene (Total)	0.82 J	ug/L				
69780	Method Blank	SUP_SL_10 6-8 SUP_SL_10 10-12 SUP_SL_10 12-14 SUP_SL_10 14-16	257591001 257591003 257591004 257591005	1,2,3-Trichlorobenzene	0.53 J	ug/kg
				1,2,4-Trichlorobenzene	0.40 J	ug/kg
				1,2,4-Trimethylbenzene	0.72 J	ug/kg
				Ethylbenzene	0.48 J	ug/kg



		SUP_SL_11 8-10	257591010	m&p-Xylene	2.1 J	ug/kg
		SUP_SL_11 10-12	257591011	Naphthalene	0.97 J	ug/kg
		SUP_SL_11 12-14	257591012	o-Xylene	0.61 J	ug/kg
		SUP_SL_11 14-16	257591013	Toluene	1.1 J	ug/kg
		SUP_SL_11 DUP	257591014	Xylene (Total)	2.7 J	ug/kg
70584	Method Blank	SUP_SL_10 8-10	257591002	1,2,4-Trimethylbenzene	1.5 J	ug/kg
		SUP_SL_11 4-5	257591007	1,3,5-Trimethylbenzene	0.39 J	ug/kg
		SUP_SL_11 5-6	257591008	2-Butanone (MEK)	3.4 J	ug/kg
				Acetone	1.5 J	ug/kg
				Benzene	0.37 J	ug/kg
				Chloroform	0.20 J	ug/kg
				Ethylbenzene	0.65 J	ug/kg
				m&p-Xylene	2.4 J	ug/kg
				Naphthalene	1.7 J	ug/kg
				o-Xylene	0.65 J	ug/kg
				Xylene (Total)	3.0 J	ug/kg
71306	Method Blank	SUP_SL_11 6-8	257591009	1,2,3-Trichlorobenzene	0.33 J	ug/kg
		SUP_SL_12 3-4	257591015	1,2,4-Trichlorobenzene	0.29 J	ug/kg
		SUP_SL_12 4-5	257591016	1,2,4-Trimethylbenzene	0.96 J	ug/kg
		SUP_SL_12 5-6	257591017	2-Hexanone	0.85 J	ug/kg
		SUP_SL_12 6-8	257591018	Benzene	0.51 J	ug/kg
		SUP_SL_12 8-10	257591019	Ethylbenzene	0.68 J	ug/kg
		SUP_SL_12 10-12	257591020	m&p-Xylene	2.3 J	ug/kg
		SUP_SL_12 12-14	257591021	Naphthalene	1.2 J	ug/kg
		SUP_SL_12 14-16	257591022	o-Xylene	0.54 J	ug/kg
		SUP_SL_13 3-4	257591024	Xylene (Total)	2.8 J	ug/kg
		SUP_SL_13 4-5	257591025			
		SUP_SL_13 5-6	257591026			
		SUP_SL_13 6-8	257591027			
		SUP_SL_13 8-10	257591028			
		SUP_SL_13 10-12	257591029			
		SUP_SL_13 12-14	257591030			
		SUP_SL_13 14-16	257591031			
		SUP_SL_16 3-4	257591033			
71314	Method Blank	SUP_SL_16 4-5	257591034	1,2,4-Trimethylbenzene	0.74 J	ug/kg
		SUP_SL_16 5-6	257591035	Benzene	0.36 J	ug/kg
		SUP_SL_16 6-8	257591036	Carbon disulfide	0.51 J	ug/kg
		SUP_SL_16 8-10	257591037	Ethylbenzene	0.53 J	ug/kg
		SUP_SL_16 10-12	257591038	m&p-Xylene	1.7 J	ug/kg
		SUP_SL_16 12-14	257591039	Naphthalene	0.65 J	ug/kg
		SUP_SL_16 14-16	257591040	o-Xylene	0.41 J	ug/kg
		SUP_SL_17 8-10	257591041	Xylene (Total)	2.2 J	ug/kg
		SUP_SL_17 10-12	257591042			
		SUP_SL_17 14-16	257591044			
71331	Method Blank	SUP_SL_17 12-14	257591043	Toluene	0.94 J	ug/kg
		SUP_SL_17_DUP	257591045			
		SUP_SL_26 9-10	257591048			
		SUP_SL_26 12-14	257591050			
		SUP_SL_26 14-16	257591051			
		SUP_SL_27 3-4	257591052			
		SUP_SL_27 5-6	257591054			
		SUP_SL_27 6-8	257591055			



		SUP_SL_27 8-10 SUP_SL_27 12-14 SUP_SL_27 14-16	257591056 257591058 257591059			
71877	Method Blank	SUP_SL_26 10-12	257591049	Methylene chloride	5.0 J	ug/kg
		SUP_SL_27 4-5 SUP_SL_27 10-12	257591053 257591057	Toluene	0.77 J	ug/kg

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	1,2,3-Trichlorobenzene		
SUP_SL_10 6-8	257591001	69780	Method Blank. Qualified based on criteria 4.
Analyte:	1,2,4-Trichlorobenzene		
SUP_SL_10 6-8	257591001	69780	Method Blank. Qualified based on criteria 4.
Analyte:	1,2,4-Trimethylbenzene		
SUP_SL_10 6-8 SUP_SL_10 10-12 SUP_SL_11 10-12 SUP_SL_11 14-16 SUP_SL_11 DUP	257591001 257591003 257591011 257591013 257591014	69780	Method Blank. Qualified based on criteria 4.
SUP_SL_10 8-10 SUP_SL_11 4-5 SUP_SL_11 5-6	257591002 257591007 257591008	70584	Method Blank. Qualified based on criteria 4.



SUP_SL_11 6-8	257591009	71306	Method Blank. Qualified based on criteria 4.
SUP_SL_12 3-4	257591015		
SUP_SL_12 4-5	257591016		
SUP_SL_12 5-6	257591017		
SUP_SL_12 6-8	257591018		
SUP_SL_12 8-10	257591019		
SUP_SL_12 10-12	257591020		
SUP_SL_12 12-14	257591021		
SUP_SL_12 14-16	257591022		
SUP_SL_13 3-4	257591024		
SUP_SL_13 4-5	257591025		
SUP_SL_13 5-6	257591026		
SUP_SL_13 6-8	257591027		
SUP_SL_13 8-10	257591028		
SUP_SL_13 10-12	257591029		
SUP_SL_13 12-14	257591030		
SUP_SL_13 14-16	257591031		
SUP_SL_16 3-4	257591033		
SUP_SL_16 4-5	257591034	71314	Method Blank. Qualified based on criteria 4.
SUP_SL_16 5-6	257591035		
SUP_SL_16 6-8	257591036		
SUP_SL_16 8-10	257591037		
SUP_SL_16 10-12	257591038		
SUP_SL_16 12-14	257591039		
SUP_SL_16 14-16	257591040		
SUP_SL_17 8-10	257591041		
SUP_SL_17 10-12	257591042		
SUP_SL_17 14-16	257591044		
SUP_GW_3	257591061	69739	Method Blank. Qualified based on criteria 4.
SUP_GW_6	257591062		
Analyte:	1,3,5-Trimethylbenzene		
SUP_SL_11 4-5	257591007	70584	Method Blank. Qualified based on criteria 4.
Analyte:	2-Butanone (MEK)		
SUP_SL_10 8-10	257591002	70584	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_11 4-5	257591007		
SUP_SL_11 5-6	257591008		
Analyte:	Acetone		
SUP_SL_10 8-10	257591002	70584	Method Blank. Qualified based on criteria 6.
SUP_SL_11 4-5	257591007		
SUP_SL_11 5-6	257591008		
Analyte:	Arsenic, Dissolved		
SUP_GW_3	257591061	70673	Method Blank. Qualified based on criteria 6.
SUP_GW_6	257591062	70692	
Analyte:	Benzene		
SUP_SL_10 8-10	257591002	70584	Method Blank. Qualified based on criteria 4.
SUP_SL_11 4-5	257591007		
SUP_SL_11 5-6	257591008		



SUP_SL_11 6-8	257591009	71306	Method Blank. Qualified based on criteria 4.
SUP_SL_12 3-4	257591015		
SUP_SL_12 4-5	257591016		
SUP_SL_12 5-6	257591017		
SUP_SL_12 6-8	257591018		
SUP_SL_12 8-10	257591019		
SUP_SL_12 10-12	257591020		
SUP_SL_12 12-14	257591021		
SUP_SL_12 14-16	257591022		
SUP_SL_13 3-4	257591024		
SUP_SL_13 4-5	257591025		
SUP_SL_13 5-6	257591026		
SUP_SL_13 6-8	257591027		
SUP_SL_13 8-10	257591028		
SUP_SL_13 10-12	257591029		
SUP_SL_13 12-14	257591030		
SUP_SL_13 14-16	257591031		
SUP_SL_16 3-4	257591033		
SUP_SL_16 4-5	257591034	71314	Method Blank. Qualified based on criteria 4.
SUP_SL_16 5-6	257591035		
SUP_SL_16 6-8	257591036		
SUP_SL_16 8-10	257591037		
SUP_SL_16 10-12	257591038		
SUP_SL_16 12-14	257591039		
SUP_SL_16 14-16	257591040		
SUP_SL_17 8-10	257591041		
SUP_SL_17 10-12	257591042		
SUP_SL_17 14-16	257591044		
SUP_GW_3	257591061	69739	Method Blank. Qualified based on criteria 4.
SUP_GW_6	257591062		
Analyte:	Cadmium		
SUP_SL_17 8-10	257591041	70221	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_17 10-12	257591042		
SUP_SL_17 12-14	257591043		
SUP_SL_17 14-16	257591044		
SUP_SL_17_DUP	257591045		
SUP_SL_26 5-9	257591047		
SUP_SL_26 9-10	257591048		
SUP_SL_26 10-12	257591049		
SUP_SL_26 12-14	257591050		
SUP_SL_27 3-4	257591052		
SUP_SL_27 4-5	257591053		
SUP_SL_27 10-12	257591057		



Analyte:	Carbon disulfide		
SUP_SL_16 4-5	257591034	71314	Method Blank. Qualified based on criteria 4.
SUP_SL_16 5-6	257591035		
SUP_SL_16 6-8	257591036		
SUP_SL_16 8-10	257591037		
SUP_SL_16 10-12	257591038		
SUP_SL_16 12-14	257591039		
SUP_SL_16 14-16	257591040		
SUP_SL_17 8-10	257591041		
SUP_SL_17 10-12	257591042		
SUP_SL_17 14-16	257591044		
Analyte:	Ethylbenzene		
SUP_SL_10 6-8	257591001	69780	Method Blank. Qualified based on criteria 4.
SUP_SL_10 8-10	257591002	70584	
SUP_SL_11 4-5	257591007		
SUP_SL_11 5-6	257591008		Method Blank. Qualified based on criteria 4.
SUP_SL_11 6-8	257591009	71306	
SUP_SL_12 3-4	257591015		
SUP_SL_12 4-5	257591016		
SUP_SL_12 5-6	257591017		
SUP_SL_12 6-8	257591018		
SUP_SL_12 8-10	257591019		
SUP_SL_12 10-12	257591020		
SUP_SL_12 12-14	257591021		
SUP_SL_12 14-16	257591022		
SUP_SL_13 3-4	257591024		
SUP_SL_13 4-5	257591025		
SUP_SL_13 5-6	257591026		
SUP_SL_13 6-8	257591027		
SUP_SL_13 8-10	257591028		
SUP_SL_13 10-12	257591029		
SUP_SL_13 12-14	257591030		
SUP_SL_13 14-16	257591031		
SUP_SL_16 3-4	257591033		
SUP_SL_16 4-5	257591034	71314	Method Blank. Qualified based on criteria 4.
SUP_SL_16 5-6	257591035		
SUP_SL_16 6-8	257591036		
SUP_SL_16 12-14	257591039		
SUP_SL_16 14-16	257591040		
SUP_SL_17 8-10	257591041		
SUP_SL_17 10-12	257591042		
Analyte:	Gasoline Range Organics		
SUP_SL_26 9-10	257591048	70689	Method Blank. Qualified based on criteria 4.
SUP_SL_26 10-12	257591049		
SUP_SL_26 12-14	257591050		
SUP_SL_26 14-16	257591051		
SUP_SL_27 3-4	257591052		
SUP_SL_27 4-5	257591053		
SUP_SL_27 5-6	257591054		
SUP_SL_27 6-8	257591055		
SUP_SL_27 8-10	257591056		
SUP_SL_27 10-12	257591057		



SUP_SL_27 12-14	257591058		
SUP_SL_27 14-16	257591059		
Analyte:	m&p-Xylene		
SUP_SL_10 6-8	257591001	69780	Method Blank. Qualified based on criteria 4.
SUP_SL_10 10-12	257591003		
SUP_SL_10 12-14	257591004		
SUP_SL_10 14-16	257591005		
SUP_SL_11 8-10	257591010		
SUP_SL_11 10-12	257591011		
SUP_SL_11 12-14	257591012		
SUP_SL_11 14-16	257591013		
SUP_SL_11 DUP	257591014		
SUP_SL_10 8-10	257591002	70584	Method Blank. Qualified based on criteria 4.
SUP_SL_11 4-5	257591007		
SUP_SL_11 5-6	257591008		
SUP_SL_11 6-8	257591009	71306	Method Blank. Qualified based on criteria 4.
SUP_SL_12 3-4	257591015		
SUP_SL_12 4-5	257591016		
SUP_SL_12 5-6	257591017		
SUP_SL_12 6-8	257591018		
SUP_SL_12 8-10	257591019		
SUP_SL_12 10-12	257591020		
SUP_SL_12 12-14	257591021		
SUP_SL_12 14-16	257591022		
SUP_SL_13 3-4	257591024		
SUP_SL_13 4-5	257591025		
SUP_SL_13 5-6	257591026		
SUP_SL_13 6-8	257591027		
SUP_SL_13 8-10	257591028		
SUP_SL_13 10-12	257591029		
SUP_SL_13 12-14	257591030		
SUP_SL_13 14-16	257591031		
SUP_SL_16 3-4	257591033		
SUP_SL_16 4-5	257591034	71314	Method Blank. Qualified based on criteria 4.
SUP_SL_16 5-6	257591035		
SUP_SL_16 6-8	257591036		
SUP_SL_16 8-10	257591037		
SUP_SL_16 10-12	257591038		
SUP_SL_16 12-14	257591039		
SUP_SL_16 14-16	257591040		
SUP_SL_17 8-10	257591041		
SUP_SL_17 10-12	257591042		
SUP_SL_17 14-16	257591044		
SUP_GW_3	257591061	69739	Method Blank. Qualified based on criteria 4.
SUP_GW_6	257591062		
Analyte:	Naphthalene		
SUP_SL_10 6-8	257591001	69780	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_10 14-16	257591005		
SUP_SL_10 8-10	257591002	70584	Method Blank. Qualified based on criteria 4.
SUP_SL_11 4-5	257591007		
SUP_SL_11 5-6	257591008		



SUP_SL_11 6-8	257591009	71306	Method Blank. Qualified based on criteria 4.
SUP_SL_12 3-4	257591015		
SUP_SL_12 4-5	257591016		
SUP_SL_12 5-6	257591017		
SUP_SL_12 6-8	257591018		
SUP_SL_12 14-16	257591022		
SUP_SL_13 3-4	257591024		
SUP_SL_13 4-5	257591025		
SUP_SL_16 3-4	257591033		
SUP_SL_17 8-10	257591041	71314	Method Blank. Qualified based on criteria 4.
SUP_GW_3	257591061	69739	Method Blank. Qualified based on criteria 4.
SUP_GW_6	257591062		
Analyte:	o-Xylene		
SUP_SL_10 6-8	257591001	69780	Method Blank. Qualified based on criteria 4.
SUP_SL_10 10-12	257591003		
SUP_SL_11 14-16	257591013		
SUP_SL_11 DUP	257591014		
SUP_SL_10 8-10	257591002	70584	Method Blank. Qualified based on criteria 4.
SUP_SL_11 4-5	257591007		
SUP_SL_11 5-6	257591008		
SUP_SL_11 6-8	257591009	71306	Method Blank. Qualified based on criteria 4.
SUP_SL_12 3-4	257591015		
SUP_SL_12 5-6	257591017		
SUP_SL_12 6-8	257591018		
SUP_SL_12 8-10	257591019		
SUP_SL_12 10-12	257591020		
SUP_SL_12 12-14	257591021		
SUP_SL_12 14-16	257591022		
SUP_SL_13 3-4	257591024		
SUP_SL_13 4-5	257591025		
SUP_SL_13 5-6	257591026		
SUP_SL_13 6-8	257591027		
SUP_SL_13 8-10	257591028		
SUP_SL_13 10-12	257591029		
SUP_SL_13 12-14	257591030		
SUP_SL_13 14-16	257591031		
SUP_SL_16 3-4	257591033		
SUP_SL_16 5-6	257591035	71314	Method Blank. Qualified based on criteria 4.
SUP_SL_16 6-8	257591036		
SUP_SL_16 10-12	257591038		
SUP_SL_16 14-16	257591040		
SUP_GW_3	257591061	69739	Method Blank. Qualified based on criteria 4.
SUP_GW_6	257591062		
Analyte:	Toluene		
SUP_SL_10 6-8	257591001	69780	Method Blank. Qualified based on criteria 4.
SUP_SL_10 10-12	257591003		
SUP_SL_10 12-14	257591004		
SUP_SL_10 14-16	257591005		
SUP_SL_11 8-10	257591010		
SUP_SL_11 10-12	257591011		
SUP_SL_11 12-14	257591012		



SUP_SL_11 14-16	257591013		
SUP_SL_11 DUP	257591014		
SUP_SL_17 12-14	257591043	71331	Method Blank. Qualified based on criteria 4.
SUP_SL_17_DUP	257591045		
SUP_SL_26 9-10	257591048		
SUP_SL_26 12-14	257591050		
SUP_SL_26 14-16	257591051		
SUP_SL_27 3-4	257591052		
SUP_SL_27 5-6	257591054		
SUP_SL_27 6-8	257591055		
SUP_SL_27 8-10	257591056		
SUP_SL_27 12-14	257591058		
SUP_SL_27 14-16	257591059		
SUP_SL_26 10-12	257591049	71877	Method Blank. Qualified based on criteria 4.
SUP_SL_27 4-5	257591053		
SUP_SL_27 10-12	257591057		
SUP_GW_3	257591061	69739	Method Blank. Qualified based on criteria 4.
SUP_GW_6	257591062		
Analyte:	Xylene (Total)		
SUP_SL_10 6-8	257591001	69780	Method Blank. Qualified based on criteria 4.
SUP_SL_10 10-12	257591003		
SUP_SL_10 12-14	257591004		
SUP_SL_10 14-16	257591005		
SUP_SL_11 8-10	257591010		
SUP_SL_11 10-12	257591011		
SUP_SL_11 12-14	257591012		
SUP_SL_11 14-16	257591013		
SUP_SL_11 DUP	257591014		
SUP_SL_10 8-10	257591002	70584	Method Blank. Qualified based on criteria 4.
SUP_SL_11 4-5	257591007		
SUP_SL_11 5-6	257591008		
SUP_SL_11 6-8	257591009	71306	Method Blank. Qualified based on criteria 4.
SUP_SL_12 3-4	257591015		
SUP_SL_12 4-5	257591016		
SUP_SL_12 5-6	257591017		
SUP_SL_12 6-8	257591018		
SUP_SL_12 8-10	257591019		
SUP_SL_12 10-12	257591020		
SUP_SL_12 12-14	257591021		
SUP_SL_12 14-16	257591022		
SUP_SL_13 3-4	257591024		
SUP_SL_13 4-5	257591025		
SUP_SL_13 5-6	257591026		
SUP_SL_13 6-8	257591027		
SUP_SL_13 8-10	257591028		
SUP_SL_13 10-12	257591029		
SUP_SL_13 12-14	257591030		
SUP_SL_13 14-16	257591031		
SUP_SL_16 3-4	257591033		



SUP_SL_16 4-5	257591034	71314	Method Blank. Qualified based on criteria 4.
SUP_SL_16 5-6	257591035		
SUP_SL_16 6-8	257591036		
SUP_SL_16 8-10	257591037		
SUP_SL_16 10-12	257591038		
SUP_SL_16 12-14	257591039		
SUP_SL_16 14-16	257591040		
SUP_SL_17 8-10	257591041		
SUP_SL_17 10-12	257591042		
SUP_SL_17 14-16	257591044		
SUP_GW_3	257591061	69739	Method Blank. Qualified based on criteria 4.
SUP_GW_6	257591062		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction for method NWTPH-Dx and NWTPH-Gx, and one per 10 samples for method 8270 (soil and water). Methods NWTPH-Dx, NWTPH-Gx and 8270 (water) did not have a MS/MSD prepared and analyzed. All other methods (6010, 7471, and 8260) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD. No action was taken based on the evaluation of MS/MSDs.

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_10 6-8	257591001	69955	Arsenic	-242/-579	75-125	16	20	Low	Results not qualified based on criteria 2a.
SUP_SL_10 8-10	257591002								
SUP_SL_10 10-12	257591003								
SUP_SL_10 12-14	257591004								
SUP_SL_10 14-16	257591005								
SUP_SL_11 4-5	257591007		Lead	401/-925	75-125	32	20	High /Low	
SUP_SL_11 5-6	257591008								
SUP_SL_11 6-8	257591009								
SUP_SL_11 8-10	257591010								
SUP_SL_11 10-12	257591011								
SUP_SL_11 12-14	257591012								



SUP_SL_11 14-16	257591013								
SUP_SL_11 DUP	257591014								
SUP_SL_12 3-4	257591015								
SUP_SL_12 4-5	257591016								
SUP_SL_12 5-6	257591017	70219	Arsenic	-2800/-962	75-125	12	20	Low	Results not qualified based on criteria 2a.
SUP_SL_12 6-8	257591018		Lead	-149/77	75-125	40	20	High /Low	Results not qualified based on criteria 2a.
SUP_SL_12 8-10	257591019								
SUP_SL_12 10-12	257591020								
SUP_SL_12 12-14	257591021								
SUP_SL_12 14-16	257591022								
SUP_SL_13 3-4	257591024								
SUP_SL_13 4-5	257591025								
SUP_SL_13 5-6	257591026								
SUP_SL_13 6-8	257591027								
SUP_SL_13 8-10	257591028								
SUP_SL_13 10-12	257591029								
SUP_SL_13 12-14	257591030								
SUP_SL_13 14-16	257591031								
SUP_SL_16 3-4	257591033								
SUP_SL_16 4-5	257591034								
SUP_SL_16 5-6	257591035								
SUP_SL_16 6-8	257591036								
SUP_SL_16 8-10	257591037								
SUP_SL_16 10-12	257591038								
SUP_GW_3	257591061	70683	Arsenic	2370/445	75-125	7	20	High	Results not qualified based on criteria 2a.
SUP_GW_6	258591062		Cadmium	75/35	75-125	4	20	Low	Results not qualified based on criteria 2a.
			Lead	4910/3080	75-125	4	20	High	Results not qualified based on criteria 2a.
SUP_GW_3	257591061	70100	Tetrachloroethene	70/69	80-112	3	30	Low	Results not qualified based on criteria 1a.
SUP_GW_6	257591062								
SUP_SL_10 6-8	257591001	70436	1,1,2,2-Tetrachloroethane	61/65	67-130	2	30	Low	Results not qualified based on criteria 1a.
SUP_SL_10 10-12	257591003								
SUP_SL_10 12-14	257591004								
SUP_SL_10 14-16	257591005								
SUP_SL_11 8-10	257591010								
SUP_SL_11 10-12	257591011		1,1,-Dichloroethane	64/70	71-123	2	30	Low	Results not qualified
SUP_SL_11 12-14	257591012								
SUP_SL_11 14-16	257591013								



SUP_SL_11 DUP	257591014							based on criteria 1a.
		1,1-Dichloroethene	68/84	69-130	12	30	Low	Results not qualified based on criteria 1a.
		1,1-Dichloropropene	69/75	71-129	1	30	Low	Results not qualified based on criteria 1a.
		1,2-Dichloropropane	63/66	68-116	4	30	Low	Results not qualified based on criteria 1a.
		4-Methyl-2-pentanone (MIBK)	59/58	63-147	10	30	Low	Results not qualified based on criteria 1a.
		Bromomethane	47/47	61-131	8	30	Low	Results not qualified based on criteria 1a.
		Chloroethane	34/38	68-126	3	30	Low	Results not qualified based on criteria 1a.
		Chloromethane	27/28	33-126	3	30	Low	Results not qualified based on criteria 1a.
		Methylene Chloride	39/49	46-150	13	30	Low	Results not qualified based on criteria 1a.
		n-Butylbenzene	61/73	62-126	9	30	Low	Results not qualified based on criteria 1a.
		tert-Amylmethyl ether	70/74	74-125	3	30	Low	Results not qualified based on



									criteria 1a.
			Vinyl Chloride	34/39	80-112	5	30	Low	Results not qualified based on criteria 1a.
			Tetrachloroethene	74/84	80-112	4	30	Low	Results not qualified based on criteria 1a.
SUP_SL_10 8-10 SUP_SL_11 4-5 SUP_SL_11 5-6	257591002 257591007 257591008	70714	1,1,2,2-Tetrachloroethane	171/113	67-130	32	30	High	Results not qualified based on criteria 1a.
			1,1,2-Trichloroethane	150/119	70-117	14	30	High	Results not qualified based on criteria 1a.
			1,2,4-Trimethylbenzene	5830/-1120	62-131	70	30	High/Low	Results not qualified based on criteria 1a.
			1,2-Dibromo-3-chloropropane	338/245	52-135	23	30	High	Results not qualified based on criteria 1a.
			1,2-Dichloroethene (Total)	101/117	64-112	24	30	High	Results not qualified based on criteria 1a.
			1,3,5-Trimethylbenzene	1330/-794	62-128	57	30	High/Low	Results not qualified based on criteria 1a.
			2,2-Dichloropropane	100/123	72-117	30	30	High	Results not qualified based on criteria 1a.
			Bromodichloromethane	103/117	77-112	22	30	High	Results not qualified based on criteria 1a.



			Bromomethane	119/135	61-131	21	30	High	Results not qualified based on criteria 1a.
			Carbon tetrachloride	93/116	74-115	30	30	High	Results not qualified based on criteria 1a.
			cis-1,3-Dichlorpropene	75/98	75-125	36	30	High	Results not qualified based on criteria 1a.
			Dichlorodifluoromethane	126/136	10-127	17	30	High	Results not qualified based on criteria 1a.
			Ethylbenzene	504/-1140	63-131	55	30	High/Low	Results not qualified based on criteria 1a.
			Hexachloro-1,3-butadiene	45/41	62-127	0.03	30	Low	Results not qualified based on criteria 1a.
			Isopropylbenzene (Cumene)	166/-76	66-127	45	30	High/Low	Results not qualified based on criteria 1a.
			m&p-Xylene	2340/-1520	69-128	6	30	High/Low	Results not qualified based on criteria 1a.
			Methyl-tert-butyl ether	79/123	68-139	52	30	High	Results not qualified based on criteria 1a.
			n-Butylbenzene	365/-107	62-126	44	30	High/Low	Results not qualified based on criteria 1a.
			n-Propylbenzene	695/-439	59-	58	30	High	Results



					129			/Low	not qualified based on criteria 1a.
			Naphthalene	-1020/-1170	45-147	10	30	Low	Results not qualified based on criteria 1a.
			o-Xylene	725/-2020	63-129	50	30	High /Low	Results not qualified based on criteria 1a.
			p-Isopropyltoluene	174/63	65/134	35	30	High /Low	Results not qualified based on criteria 1a.
			sec-Butylbenzene	165/47	62-131	38	30	High /Low	Results not qualified based on criteria 1a.
			Styrene	333/231	68-129	28	30	High	Results not qualified based on criteria 1a.
			tert-Amylmethyl ether	47/138	74-125	106	30	High /Low	Results not qualified based on criteria 1a.
			Toluene	-156/-1380	61-126	47	30	High /Low	Results not qualified based on criteria 1a.
			trans-1,2-Dichloroethene	103/120	72-118	24	30	High	Results not qualified based on criteria 1a.
			Vinyl chloride	115/121	80-112	14	30	High	Results not qualified based on criteria 1a.
			Xylene (Total)	1800/-1690	68-129	61	30	High /Low	Results not



									qualified based on criteria 1a.	
SUP_SL_11 6-8	257591009	71507	1,23-Trichlorobenzene	41/40	59-128	4	30	Low	Results not qualified based on criteria 1a.	
SUP_SL_12 3-4	257591015									
SUP_SL_12 4-5	257591016									
SUP_SL_12 5-6	257591017									
SUP_SL_12 6-8	257591018									
SUP_SL_12 8-10	257591019			1,2,4-Trichlorobenzene	42/41	60-135	7	30	Low	Results not qualified based on criteria 1a.
SUP_SL_12 10-12	257591020									
SUP_SL_12 12-14	257591021									
SUP_SL_12 14-16	257591022									
SUP_SL_13 3-4	257591024									
SUP_SL_13 4-5	257591025			1,2,4-Trimethylbenzene	58/54	62-131	11	30	Low	Results not qualified based on criteria 1a.
SUP_SL_13 5-6	257591026									
SUP_SL_13 6-8	257591027									
SUP_SL_13 8-10	257591028									
SUP_SL_13 10-12	257591029									
SUP_SL_13 12-14	257591030		1,2-Dichloroethane	59/57	69-116	6	30	Low	Results not qualified based on criteria 1a.	
SUP_SL_13 14-16	257591031									
SUP_SL_16 3-4	257591033									
			1,3,5-Trimethylbenzene	64/59	62-128	12	30	Low	Results not qualified based on criteria 1a.	
			1,3-Dichlorobenzene	59/56	68-115	8	30	Low	Results not qualified based on criteria 1a.	
			1,4-Dichlorobenzene	60/57	68-116	7	30	Low	Results not qualified based on criteria 1a.	
			4-Chlorotoluene	65/60	64-122	11	30	Low	Results not qualified based on criteria 1a.	
			Acetone	16/53	52-160	22	30	Low	Results not qualified based on criteria 1a.	
			cis-1,3-dichloropropene	72/73	75-125	1	30	Low	Results not qualified	



									based on criteria 1a.
			Hexachloro-1,3-butadiene	38/35	62-127	11	30	Low	Results not qualified based on criteria 1a.
			m&p-Xylene	64/59	69-128	10	30	Low	Results not qualified based on criteria 1a.
			n-Butylbenzene	52/47	62-126	13	30	Low	Results not qualified based on criteria 1a.
			p-Isopropyltoluene	55/51	65-134	9	30	Low	Results not qualified based on criteria 1a.
			sec-Butylbenzene	58/52	62-131	13	30	Low	Results not qualified based on criteria 1a.
			Xylene (Total)	66/61	68-129	10	30	Low	Results not qualified based on criteria 1a.
			Tetrachloroethene	84/76	80-112	12	30	Low	Results not qualified based on criteria 1a.
SUP_SL_16 4-5	257591034	71505	1,1-Dichloropropene	67/72	71-129	13	30	Low	Results not qualified based on criteria 1a.
SUP_SL_16 5-6	257591035								
SUP_SL_16 6-8	257591036								
SUP_SL_16 8-10	257591037								
SUP_SL_16 10-12	257591038								
SUP_SL_16 12-14	257591039								
SUP_SL_16 14-16	257591040								
SUP_SL_17 8-10	257591041								
SUP_SL_17 10-12	257591042								
SUP_SL_17 14-16	257591044								
			1,2,4-Trichlorobenzene	55/58	60-135	12	30	Low	Results not qualified based on criteria 1a.
			1,2,4-Trimethylbenzene	60/65	62-131	13	30	Low	Results not qualified based on



							criteria 1a.	
		2,2-Dichloropropane	55/58	72-117	8	30	Low	Results not qualified based on criteria 1a.
		Acetone	49/58	52-160	10	30	Low	Results not qualified based on criteria 1a.
		cis-1,3-Dichloropropene	68/71	75-175	9	30	Low	Results not qualified based on criteria 1a.
		Hexachloro-1,3-butaidene	49/53	62-127	12	30	Low	Results not qualified based on criteria 1a.
		m&p-Xylene	61/65	69-128	12	30	Low	Results not qualified based on criteria 1a.
		n-Butylbenzene	55/59	62-126	13	30	Low	Results not qualified based on criteria 1a.
		p-Isopropyltoluene	62/68	65-134	15	30	Low	Results not qualified based on criteria 1a.
		sec-Butylbenzene	61/67	62-131	14	30	Low	Results not qualified based on criteria 1a.
		Xylene (Total)	64/68	68-129	12	30	Low	Results not qualified based on criteria 1a.
		Vinyl chloride	72/76	80-112	10	30	Low	Results not qualified based on criteria 1a.



			Trichloroethene	78/84	80-112	12	30	Low	Results not qualified based on criteria 1a.
			1,1,1,2-Tetrachloroethane	69/66	71-116	4	30	Low	Results not qualified based on criteria 1a.
			1,1,1-Trichloroethane	72/64	68-122	11	30	Low	Results not qualified based on criteria 1a.
			1,1,2,2-Tetrachloroethane	67/66	67-130	0.6	30	Low	Results not qualified based on criteria 1a.
			1,1,2-Trichloroethane	67/60	70-117	11	30	Low	Results not qualified based on criteria 1a.
			1,1,2-Trichlorotrifluoroethane	60/51	60-140	17	30	Low	Results not qualified based on criteria 1a.
			1,1-Dichloroethane	60/53	71-123	13	30	Low	Results not qualified based on criteria 1a.
			1,1-Dichloroethene	58/51	69-130	14	30	Low	Results not qualified based on criteria 1a.
			1,1-Dichloropropene	53/46	71-129	14	30	Low	Results not qualified based on criteria 1a.
			1,2,4-Trichlorobenzene	54/58	60-135	7	30	Low	Results not qualified based on criteria 1a.
			1,2,4-Trimethylbenzene	51/52	62-	4	30	Low	Results



				131				not qualified based on criteria 1a.	
			1,2-Dibromoethane (EDB)	74/70	71-123	5	30	Low	Results not qualified based on criteria 1a.
			1,2-Dichlorobenzene	59/61	69-116	3	30	Low	Results not qualified based on criteria 1a.
			1,2-Dichloroethene (Total)	62/53	64-112	15	30	Low	Results not qualified based on criteria 1a.
			1,2-Dichloropropane	58/54	68-116	7	30	Low	Results not qualified based on criteria 1a.
			1,3,5-Trimethylbenzene	55/55	62-128	0.9	30	Low	Results not qualified based on criteria 1a.
			1,3-Dichlorobenzene	55/56	68-115	3	30	Low	Results not qualified based on criteria 1a.
			1,3-Dichloropropane	68/66	67-121	3	30	Low	Results not qualified based on criteria 1a.
			1,4-Dichlorobenzene	56/57	68-116	2	30	Low	Results not qualified based on criteria 1a.
			2,2-Dichloropropane	62/53	72-117	14	30	Low	Results not qualified based on criteria 1a.
			2-Chlorotoluene	54/53	61-120	2	30	Low	Results not



							qualified based on criteria 1a.	
		4-Chlorotoluene	55/56	64-122	2	30	Low	Results not qualified based on criteria 1a.
		Acetone	67/38	52-160	38	30	Low	Results not qualified based on criteria 1a.
		Benzene	55/49	68-124	11	30	Low	Results not qualified based on criteria 1a.
		Bromobenzene	61/61	68-120	2	30	Low	Results not qualified based on criteria 1a.
		Bromochloromethane	71/64	78-114	11	30	Low	Results not qualified based on criteria 1a.
		Bromodichloromethane	68/64	77-112	6	30	Low	Results not qualified based on criteria 1a.
		Bromomethane	58/52	61-131	10	30	Low	Results not qualified based on criteria 1a.
		Carbon tetrachloride	73/68	74-115	7	30	Low	Results not qualified based on criteria 1a.
		Chlorobenzene	59/56	67-130	5	30	Low	Results not qualified based on criteria 1a.
		Chloroethane	58/51	68-126	13	30	Low	Results not qualified



							based on criteria 1a.	
		Chloroform	68/62	72-113	8	30	Low	Results not qualified based on criteria 1a.
		cis-1,2-Dichloroethene	62/54	70-120	14	30	Low	Results not qualified based on criteria 1a.
		cis-1,3-Dichloropropene	56/51	75-125	8	30	Low	Results not qualified based on criteria 1a.
		Dibromomethane	76/67	78-115	12	30	Low	Results not qualified based on criteria 1a.
		Ethylbenzene	57/54	63-131	5	30	Low	Results not qualified based on criteria 1a.
		Hexachloro-1,3-butadiene	57/59	62-127	3	30	Low	Results not qualified based on criteria 1a.
		Isopropylbenzene (Cumene)	59/56	66-127	6	30	Low	Results not qualified based on criteria 1a.
		m&p-Xylene	55/52	69-128	3	30	Low	Results not qualified based on criteria 1a.
		n-Butylbenzene	46/48	62-126	4	30	Low	Results not qualified based on criteria 1a.
		n-Propylbenzene	51/51	59-129	0.8	30	Low	Results not qualified based on



							criteria 1a.	
		o-Xylene	54/52	63-129	2	30	Low	Results not qualified based on criteria 1a.
		p-Isopropyltoluene	53/54	65-134	2	30	Low	Results not qualified based on criteria 1a.
		sec-Butylbenzene	52/52	62-131	0.8	30	Low	Results not qualified based on criteria 1a.
		Styrene	56/53	68-129	6	30	Low	Results not qualified based on criteria 1a.
		tert-Amylmethyl ether	75/66	74-125	11	30	Low	Results not qualified based on criteria 1a.
		Tetrachloroethene	61/58	80-112	5	30	Low	Results not qualified based on criteria 1a.
		Toluene	54/51	61-126	3	30	Low	Results not qualified based on criteria 1a.
		trans-1,2-Dichloroethene	62/53	72-118	16	30	Low	Results not qualified based on criteria 1a.
		Trichloroethene	59/52	80-112	13	30	Low	Results not qualified based on criteria 1a.
		Trichlorofluoromethane	73/63	66-127	14	30	Low	Results not qualified based on criteria 1a.



			Vinyl chloride	49/41	80-112	17	30	Low	Results not qualified based on criteria 1a.
			Xylene (Total)	54/52	68-129	4	30	Low	Results not qualified based on criteria 1a.
SUP_SL_26 10-12 SUP_SL_27 4-5 SUP_SL_27 10-12	257591049 257591053 257591057	71932	1,1,2,2-Tetrachloroethane	65/52	67-130	30	30	Low	Results not qualified based on criteria 1a.
			1,1,2-Trichloroethane	69/65	70-117	14	30	Low	Results not qualified based on criteria 1a.
			1,2,3-Trichlorobenzene	58/43	59-128	38	30	High/Low	Results not qualified based on criteria 1a.
			1,2,3-Trichloropropane	73/57	68-123	32	30	High/Low	Results not qualified based on criteria 1a.
			1,2,4-Trichlorobenzene	63/48	60-135	35	30	High/Low	Results not qualified based on criteria 1a.
			1,2,4-Trimethylbenzene	-238/-296	62-131	44	30	High/Low	Results not qualified based on criteria 1a.
			1,2-Dibromo-3-chloropropane	60/51	52-135	23	30	Low	Results not qualified based on criteria 1a.
			1,2-Dibromoethane (EDB)	70/69	71-123	9	30	Low	Results not qualified based on criteria 1a.
			1,2-Dichlorobenzene	85/66	69-	32	30	High	Results



				116			/Low	not qualified based on criteria 1a.
		1,3,5-Trimethylbenzene	31/-5	62-128	41	30	High /Low	Results not qualified based on criteria 1a.
		1,3-Dichlorobenzene	92/70	68-115	35	30	High	Results not qualified based on criteria 1a.
		1,4-Dichlorobenzene	92/72	68-116	31	30	High	Results not qualified based on criteria 1a.
		2-Butanone (MEK)	54/59	58-152	2	30	Low	Results not qualified based on criteria 1a.
		2-Chlorotoluene	100/77	61-120	34	30	High	Results not qualified based on criteria 1a.
		2-Hexanone	52/51	55-150	8	30	Low	Results not qualified based on criteria 1a.
		4-Chlorotoluene	102/77	64-122	35	30	High	Results not qualified based on criteria 1a.
		4-Methyl-2-pentanone (MIBK)	58/51	63-147	20	30	Low	Results not qualified based on criteria 1a.
		Acetone	41/48	52-160		30	Low	Results not qualified based on criteria 1a.
		Benzene	61/51	68-124	16	30	Low	Results not



							qualified based on criteria 1a.	
		Bromoform	65/63	72-122	11	30	Low	Results not qualified based on criteria 1a.
		Carbon tetrachloride	117/109	74-115	14	30	High	Results not qualified based on criteria 1a.
		cis-1,3-Dichloropropene	69/66	75-125	13	30	Low	Results not qualified based on criteria 1a.
		Dibromomethane	77/73	78-115	14	30	Low	Results not qualified based on criteria 1a.
		Ethylbenzene	14/-7	63-131	23	30	Low	Results not qualified based on criteria 1a.
		Hexachloro-1,3-butadiene	62/33	62-127	67	30	High /Low	Results not qualified based on criteria 1a.
		m&p-Xylene	-44/-70	69-128	23	30	Low	Results not qualified based on criteria 1a.
		Methylene chloride	55/32	46-150	17	30	Low	Results not qualified based on criteria 1a.
		n-Butylbenzene	86/54	62-126	52	30	High /Low	Results not qualified based on criteria 1a.
		n-Propylbenzene	64/31	59-129	40	30	High /Low	Results not qualified



							based on criteria 1a.	
		Naphthalene	-352/-393	45-147	25	30	Low	Results not qualified based on criteria 1a.
		o-Xylene	-19/-37	63-129	19	30	Low	Results not qualified based on criteria 1a.
		p-Isopropyltoluene	98/64	65-134	49	30	High /Low	Results not qualified based on criteria 1a.
		sec-Butylbenzene	98/64	62-131	50	30	High	Results not qualified based on criteria 1a.
		tert-Butylbenzene	115/79	56-131	45	30	High	Results not qualified based on criteria 1a.
		Toluene	1/-13	61-126	14	30	Low	Results not qualified based on criteria 1a.
		Xylene (Total)	-36/-59	68-129	22	30	Low	Results not qualified based on criteria 1a.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per extraction batch for methods NWTPH-Dx and NWTPH-Gx, one per 20 for method 6010 and 8260, one per 10 samples for method 8270. LCS/LCSDs were not required for method 7470.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated



nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_10 6-8 SUP_SL_10 8-10 SUP_SL_10 10-12 SUP_SL_10 12-14 SUP_SL_11 4-5 SUP_SL_11 5-6 SUP_SL_11 6-8 SUP_SL_11 8-10 SUP_SL_11 10-12 SUP_SL_11 12-14 SUP_SL_11 14-16 SUP_SL_11 DUP SUP_SL_12 3-4 SUP_SL_12 4-5 SUP_SL_12 5-6 SUP_SL_12 6-8 SUP_SL_12 8-10 SUP_SL_12 10-12 SUP_SL_12 12-14	257591001 257591002 257591003 257591004 257591007 257591008 257591009 257591010 257591011 257591012 257591013 257591014 257591015 257591016 257591017 257591018 257591019 257591020 257591021	70250	Pentachlorophenol	35	40-119			Low	Qualified based on criteria 1b and 1c.
SUP_SL_12 14-16 SUP_SL_13 3-4 SUP_SL_13 4-5 SUP_SL_13 5-6 SUP_SL_13 6-8 SUP_SL_13 8-10 SUP_SL_13 10-12 SUP_SL_13 12-14	257591022 257591024 257591025 257591026 257591027 257591028 257591029 257591030	70286	Pentachlorophenol	37	40-119			Low	Qualified based on criteria 1b and 1c.



SUP_SL_13 14-16	257591031								
SUP_SL_16 3-4	257591033								
SUP_SL_16 4-5	257591034								
SUP_SL_16 5-6	257591035								
SUP_SL_16 6-8	257591036								
SUP_SL_16 8-10	257591037								
SUP_SL_16 10-12	257591038								
SUP_SL_16 12-14	257591039								
SUP_SL_16 14-16	257591040								
SUP_SL_17 8-10	257591041								
SUP_SL_17 10-12	257591042								
SUP_SL_27 14-16	257591043								
SUP_SL_10 14-16	257591005	70514	Pentachlorophenol	39	40-119			Low	Qualified based on criteria 1c.
SUP_SL_17 14-16	257591044								
SUP_SL_17 12-14	257591045								
SUP_SL_26 5-9	257591047								
SUP_SL_17_DUP	257591048								
SUP_SL_26 10-12	257591049								
SUP_SL_26 9-10	257591050								
SUP_SL_26 12-14	257591051								
SUP_SL_26 14-16	257591052								
SUP_SL_27 4-5	257591053								
SUP_SL_27 3-4	257591054								
SUP_SL_27 5-6	257591055								
SUP_SL_27 6-8	257591056								
SUP_SL_27 10-12	257591057								
SUP_SL_27 8-10	257591058								
SUP_SL_27 12-14	257591059								
SUP_GW_3	257591061	69740	Vinyl chloride	76	80-112			Low	Based on the criteria above, results were not qualified.
SUP_GW_6	257591062		Tetrachloroethene						
SUP_SL_10 6-8	257591001	69781	Vinyl chloride	74	80-112			Low	Based on the criteria above, results were not qualified.
SUP_SL_10 10-12	257591003								
SUP_SL_10 12-14	257591004								
SUP_SL_10 14-16	257591005								
SUP_SL_11 8-10	257591010								
SUP_SL_11 10-12	257591011								
SUP_SL_11 12-14	257591012								
SUP_SL_11 14-16	257591013								
SUP_SL_11 DUP	257591014	cis-1,2-Dichloroethene	126	70-120	High	Qualified based on criteria 1a. Based on the criteria above, results for samples 257591003, 257591004, and 257591005 were not qualified.			
		Trichloroethene	115	80-	High	Based on the			



					112				criteria above, results were not qualified.
SUP_SL_10 8-10	257591002	70585	Tetrachloroethene	122	80-112			High	Based on the criteria above, results were not qualified.
SUP_SL_11 4-5	257591007								
SUP_SL_11 5-6	257591008								

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 10 samples for method 8270, and one every 20 samples for method NWTPH-Dx, NWTPH-Gx, 8260, 6010, and 7471. Methods NWTPH-Dx and NWTPH-Gx did not have any field duplicates prepared and analyzed. Sample SUP_SL_11 DUP (257591014) and sample SUP_SL_17_DUP (257591045) were collected as field duplicates. These samples are associated with samples SUP_SL_11 6-8 (257591009) and SUP_SL_17 10-12 (257591042), respectively.

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_SL_11 DUP (Lab ID -257591014)	SUP_SL_11 6-8 (Lab ID – 257591009)		
Arsenic	1270	950	mg/kg	29
Cadmium	3.1	2.1 J	mg/kg	38
Lead	548	556	mg/kg	2
1,2,4-Trimethylbenzene	2.2 J	1.9 J	ug/kg	15
1,2-Dichloroethene (Total)	12.3 J	4.9 J	ug/kg	86
2-Butanone (MEK)	39.5	33.8	ug/kg	16
Acetone	114	126	ug/kg	10
Benzene	<0.39	0.88 J	ug/kg	77
Carbon disulfide	1.6 J	1.0 J	ug/kg	46
Ethylbenzene	<0.98	1.3 J	ug/kg	28
Naphthalene	<1.4	1.7 J	ug/kg	19
Toluene	4.9 J	<0.62	ug/kg	155
Xylene (Total)	4.5 J	5.6 J	ug/kg	22
cis-1,2-Dichloroethene	8.4	3.3 J	ug/kg	87
m&p-Xylene	3.5 J	4.5 J	ug/kg	25
o-Xylene	1.0 J	1.1 J	ug/kg	10
trans-1,2-Dichloroethene	3.9 J	1.7 J	ug/kg	79

Analyte	Results		Units	RPD
	SUP_SL_17_DUP (Lab ID -257591045)	SUP_SL_17 10-12 (Lab ID – 257591042)		
Arsenic	1120	695	mg/kg	47
Cadmium	3.7 J	2.4 J	mg/kg	43



Lead	4870	114	mg/kg	191
Mercury	0.30	0.0078 J	mg/kg	190
1,2,4-Trimethylbenzene	<0.62	0.65 J	ug/kg	5
2-Butanone (MEK)	<1.8	4.3 J	ug/kg	82
Acetone	13.6	15.1	ug/kg	10
Benzene	<0.18	0.24 J	ug/kg	29
Carbon disulfide	<0.34	1.7 J	ug/kg	133
Ethylbenzene	<0.46	0.43 J	ug/kg	7
Methylene chloride	<3.2	7.0 J	ug/kg	75
Toluene	0.92 J	<0.34	ug/kg	92
Xylene (Total)	<0.90	1.7 J	ug/kg	62
cis-1,2-Dichloroethene	<0.25	0.26 J	ug/kg	4
m&p-Xylene	<0.90	1.4 J	ug/kg	43

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

The trip blanks were not listed on the chain-of-custody. The soil trip blank was correctly run for VOCs using method 8260 and the water trip blank was run for VOCs (8260) and gasoline range organics (NWTPH-Gx). The soil trip blank should have also been run for gasoline range organics using method NWTPH-Gx per the SAP & QAPP. According to the SAP & QAPP, the soil trip blank should have also been run for gasoline range organics for this sample delivery group. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were not used. The temperature of the delivery coolers were recorded at 2.2, 12.4, 14, 12.2, and 9.3 °C, all except the first cooler exceeded the required temperature range. Since the samples were delivered on ice the same day of collection no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

The lab reported that the arsenic and lead results for sample SUP_SL_16 12-14 (257591039), and the arsenic and cadmium results for sample SUP_SL_12 5-6 (257591017) had serial dilution differences that were great than 10%. Therefore, matrix interference is suspected for these samples. An estimated qualifier (J) was assigned to these sample results.

The lab reported that the 1,2,4-trimethylbenzene, naphthalene, and m&p-xylene results for sample SUP_SL_27 4-5 (257591053) may be due to carryover. There was not enough sample left for re-analysis. An estimated qualifier (J) was assigned to these sample results.

The lab reported that the xylene (total) result for sample SUP_SL_27 14-16 (257591059) is estimated because one or more of the constituent results are qualified as such. An estimated qualifier (J) was assigned to this sample.

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Three hundred seventy (370) of the sample results were qualified (see Attachment 1).
- Sixteen detected sample results were qualified as estimated (J) due to LCS/LCSD recoveries that exceeded control limits or a laboratory noted qualifier.
- Fifty-three nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits or a laboratory noted qualifier.



- Nineteen detected sample results were qualified (B) and 282 detected sample results were qualified as nondetected (UB) due to method blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257591

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_10 6-8	257591001	EPA 8260	Soil	1,2,3-Trichlorobenzene	0.71	1.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 6-8	257591001	EPA 8260	Soil	1,2,4-Trichlorobenzene	0.62	0.89	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 6-8	257591001	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.3	2.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 6-8	257591001	EPA 8260	Soil	Ethylbenzene	0.97	1.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 6-8	257591001	EPA 8260	Soil	Naphthalene	1.4	10.3	ug/kg	J	B	Method Blank Contamination
SUP_SL_10 6-8	257591001	EPA 8260	Soil	Toluene	0.79	2.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 6-8	257591001	EPA 8260	Soil	Xylene (Total)	1.9	6.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 6-8	257591001	EPA 8260	Soil	cis-1,2-Dichloroethene	0.53	1.4	ug/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_10 6-8	257591001	EPA 8260	Soil	m&p-Xylene	1.9	4.8	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 6-8	257591001	EPA 8260	Soil	o-Xylene	0.83	1.4	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 6-8	257591001	EPA 8270	Soil	Pentachlorophenol	233	233	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_10 8-10	257591002	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.59	1.4	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 8-10	257591002	EPA 8260	Soil	2-Butanone (MEK)	1.7	8.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 8-10	257591002	EPA 8260	Soil	Acetone	1.3	22.6	ug/kg	J	B	Method Blank Contamination
SUP_SL_10 8-10	257591002	EPA 8260	Soil	Benzene	0.17	0.42	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 8-10	257591002	EPA 8260	Soil	Ethylbenzene	0.43	0.66	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 8-10	257591002	EPA 8260	Soil	Naphthalene	0.63	1.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 8-10	257591002	EPA 8260	Soil	Xylene (Total)	0.86	3.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 8-10	257591002	EPA 8260	Soil	m&p-Xylene	0.86	2.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 8-10	257591002	EPA 8260	Soil	o-Xylene	0.37	0.74	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 8-10	257591002	EPA 8270	Soil	Pentachlorophenol	144	144	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_10 10-12	257591003	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.56	0.64	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 10-12	257591003	EPA 8260	Soil	Toluene	0.33	0.74	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 10-12	257591003	EPA 8260	Soil	Xylene (Total)	0.81	2.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 10-12	257591003	EPA 8260	Soil	m&p-Xylene	0.81	1.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 10-12	257591003	EPA 8260	Soil	o-Xylene	0.35	0.44	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 10-12	257591003	EPA 8270	Soil	Pentachlorophenol	128	128	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_10 12-14	257591004	EPA 8260	Soil	Toluene	0.39	0.92	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 12-14	257591004	EPA 8260	Soil	Xylene (Total)	0.95	2.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 12-14	257591004	EPA 8260	Soil	m&p-Xylene	0.95	1.9	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 12-14	257591004	EPA 8270	Soil	Pentachlorophenol	125	125	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_10 14-16	257591005	EPA 8260	Soil	Naphthalene	0.63	1.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 14-16	257591005	EPA 8260	Soil	Toluene	0.36	0.70	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 14-16	257591005	EPA 8260	Soil	Xylene (Total)	0.86	1.8	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 14-16	257591005	EPA 8260	Soil	m&p-Xylene	0.86	1.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_10 14-16	257591005	EPA 8270	Soil	Pentachlorophenol	127	127	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 4-5	257591007	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.4	3.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8260	Soil	1,3,5-Trimethylbenzene	0.87	0.90	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8260	Soil	2-Butanone (MEK)	4.1	49.7	ug/kg	J	B	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8260	Soil	Acetone	3.0	230	ug/kg	J	B	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8260	Soil	Benzene	0.41	1.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8260	Soil	Ethylbenzene	1.0	1.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8260	Soil	Naphthalene	1.5	4.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8260	Soil	Xylene (Total)	2.0	7.4	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8260	Soil	m&p-Xylene	2.0	5.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8260	Soil	o-Xylene	0.89	1.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 4-5	257591007	EPA 8270	Soil	Pentachlorophenol	8660	8660	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 5-6	257591008	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.4	2.8	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 5-6	257591008	EPA 8260	Soil	2-Butanone (MEK)	4.0	40.7	ug/kg	J	B	Method Blank Contamination
SUP_SL_11 5-6	257591008	EPA 8260	Soil	Acetone	2.9	150	ug/kg	J	B	Method Blank Contamination
SUP_SL_11 5-6	257591008	EPA 8260	Soil	Benzene	0.39	1.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 5-6	257591008	EPA 8260	Soil	Ethylbenzene	0.99	1.4	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 5-6	257591008	EPA 8260	Soil	Naphthalene	1.4	3.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 5-6	257591008	EPA 8260	Soil	Xylene (Total)	2.0	6.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 5-6	257591008	EPA 8260	Soil	m&p-Xylene	2.0	5.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 5-6	257591008	EPA 8260	Soil	o-Xylene	0.85	1.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 5-6	257591008	EPA 8270	Soil	Pentachlorophenol	224	224	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 6-8	257591009	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.0	1.9	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 6-8	257591009	EPA 8260	Soil	Benzene	0.30	0.88	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 6-8	257591009	EPA 8260	Soil	Ethylbenzene	0.77	1.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 6-8	257591009	EPA 8260	Soil	Naphthalene	1.1	1.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 6-8	257591009	EPA 8260	Soil	Xylene (Total)	1.5	5.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 6-8	257591009	EPA 8260	Soil	m&p-Xylene	1.5	4.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 6-8	257591009	EPA 8260	Soil	o-Xylene	0.66	1.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 6-8	257591009	EPA 8270	Soil	Pentachlorophenol	213	213	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 8-10	257591010	EPA 8260	Soil	Toluene	0.45	0.90	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 8-10	257591010	EPA 8260	Soil	Xylene (Total)	1.1	2.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 8-10	257591010	EPA 8260	Soil	cis-1,2-Dichloroethene	0.30	2.9	ug/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 8-10	257591010	EPA 8260	Soil	m&p-Xylene	1.1	1.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 8-10	257591010	EPA 8270	Soil	Pentachlorophenol	155	155	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 10-12	257591011	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.61	0.81	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 10-12	257591011	EPA 8260	Soil	Toluene	0.36	0.92	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 10-12	257591011	EPA 8260	Soil	Xylene (Total)	0.88	2.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 10-12	257591011	EPA 8260	Soil	cis-1,2-Dichloroethene	0.25	3.0	ug/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 10-12	257591011	EPA 8260	Soil	m&p-Xylene	0.88	1.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 10-12	257591011	EPA 8270	Soil	Pentachlorophenol	137	137	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257591

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_11 12-14	257591012	EPA 8260	Soil	Toluene	0.35	0.84	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 12-14	257591012	EPA 8260	Soil	Xylene (Total)	0.85	1.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 12-14	257591012	EPA 8260	Soil	cis-1,2-Dichloroethene	0.24	0.97	ug/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 12-14	257591012	EPA 8260	Soil	m&p-Xylene	0.85	1.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 12-14	257591012	EPA 8270	Soil	Pentachlorophenol	127	127	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 14-16	257591013	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.55	0.57	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 14-16	257591013	EPA 8260	Soil	Toluene	0.33	0.71	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 14-16	257591013	EPA 8260	Soil	Xylene (Total)	0.80	1.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 14-16	257591013	EPA 8260	Soil	cis-1,2-Dichloroethene	0.22	0.45	ug/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 14-16	257591013	EPA 8260	Soil	m&p-Xylene	0.80	1.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 14-16	257591013	EPA 8260	Soil	o-Xylene	0.35	0.44	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 14-16	257591013	EPA 8270	Soil	Pentachlorophenol	122	122	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 Dup	257591014	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.3	2.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 Dup	257591014	EPA 8260	Soil	Toluene	0.79	4.9	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 Dup	257591014	EPA 8260	Soil	Xylene (Total)	1.9	4.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 Dup	257591014	EPA 8260	Soil	cis-1,2-Dichloroethene	0.54	8.4	ug/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_11 Dup	257591014	EPA 8260	Soil	m&p-Xylene	1.9	3.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 Dup	257591014	EPA 8260	Soil	o-Xylene	0.84	1.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_11 Dup	257591014	EPA 8270	Soil	Pentachlorophenol	249	249	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_12 3-4	257591015	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.0	2.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 3-4	257591015	EPA 8260	Soil	Benzene	0.30	0.88	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 3-4	257591015	EPA 8260	Soil	Ethylbenzene	0.75	1.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 3-4	257591015	EPA 8260	Soil	Naphthalene	1.1	3.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 3-4	257591015	EPA 8260	Soil	Xylene (Total)	1.5	5.4	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 3-4	257591015	EPA 8260	Soil	m&p-Xylene	1.5	4.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 3-4	257591015	EPA 8260	Soil	o-Xylene	0.65	1.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 3-4	257591015	EPA 8270	Soil	Pentachlorophenol	170	3950	ug/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_12 4-5	257591016	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.71	1.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 4-5	257591016	EPA 8260	Soil	Benzene	0.21	0.55	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 4-5	257591016	EPA 8260	Soil	Ethylbenzene	0.52	0.75	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 4-5	257591016	EPA 8260	Soil	Naphthalene	0.75	1.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 4-5	257591016	EPA 8260	Soil	Xylene (Total)	1.0	2.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 4-5	257591016	EPA 8260	Soil	m&p-Xylene	1.0	2.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 4-5	257591016	EPA 8270	Soil	Pentachlorophenol	150	150	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_12 5-6	257591017	EPA 6010	Soil	Arsenic	9.4	7750	mg/kg	J	J	Laboratory Noted Qualifier
SUP_SL_12 5-6	257591017	EPA 6010	Soil	Cadmium	0.017	25.5	mg/kg	J	J	Laboratory Noted Qualifier
SUP_SL_12 5-6	257591017	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.89	1.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 5-6	257591017	EPA 8260	Soil	Benzene	0.26	0.71	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 5-6	257591017	EPA 8260	Soil	Ethylbenzene	0.65	0.98	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 5-6	257591017	EPA 8260	Soil	Naphthalene	0.94	1.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 5-6	257591017	EPA 8260	Soil	Xylene (Total)	1.3	4.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 5-6	257591017	EPA 8260	Soil	m&p-Xylene	1.3	3.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 5-6	257591017	EPA 8260	Soil	o-Xylene	0.56	0.83	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 5-6	257591017	EPA 8270	Soil	Pentachlorophenol	190	190	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_12 6-8	257591018	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.84	1.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 6-8	257591018	EPA 8260	Soil	Benzene	0.24	0.67	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 6-8	257591018	EPA 8260	Soil	Ethylbenzene	0.62	0.85	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 6-8	257591018	EPA 8260	Soil	Naphthalene	0.89	1.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 6-8	257591018	EPA 8260	Soil	Xylene (Total)	1.2	3.9	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 6-8	257591018	EPA 8260	Soil	m&p-Xylene	1.2	3.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 6-8	257591018	EPA 8260	Soil	o-Xylene	0.53	0.80	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 6-8	257591018	EPA 8270	Soil	Pentachlorophenol	182	182	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_12 8-10	257591019	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.69	0.90	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 8-10	257591019	EPA 8260	Soil	Benzene	0.20	0.49	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 8-10	257591019	EPA 8260	Soil	Ethylbenzene	0.51	0.67	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 8-10	257591019	EPA 8260	Soil	Xylene (Total)	1.0	2.9	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 8-10	257591019	EPA 8260	Soil	m&p-Xylene	1.0	2.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 8-10	257591019	EPA 8260	Soil	o-Xylene	0.44	0.58	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 8-10	257591019	EPA 8270	Soil	Pentachlorophenol	153	153	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_12 10-12	257591020	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.64	0.93	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 10-12	257591020	EPA 8260	Soil	Benzene	0.18	0.44	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 10-12	257591020	EPA 8260	Soil	Ethylbenzene	0.47	0.63	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 10-12	257591020	EPA 8260	Soil	Xylene (Total)	0.92	2.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 10-12	257591020	EPA 8260	Soil	m&p-Xylene	0.92	2.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 10-12	257591020	EPA 8260	Soil	o-Xylene	0.40	0.51	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 10-12	257591020	EPA 8270	Soil	Pentachlorophenol	152	152	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_12 12-14	257591021	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.58	0.77	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 12-14	257591021	EPA 8260	Soil	Benzene	0.17	0.40	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 12-14	257591021	EPA 8260	Soil	Ethylbenzene	0.43	0.54	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 12-14	257591021	EPA 8260	Soil	Xylene (Total)	0.84	2.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 12-14	257591021	EPA 8260	Soil	m&p-Xylene	0.84	1.9	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 12-14	257591021	EPA 8260	Soil	o-Xylene	0.37	0.45	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 12-14	257591021	EPA 8270	Soil	Pentachlorophenol	127	127	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_12 14-16	257591022	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.57	0.88	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 14-16	257591022	EPA 8260	Soil	Benzene	0.17	0.40	ug/kg	J	UB	Method Blank Contamination
SUP_SL_12 14-16	257591022	EPA 8260	Soil	Ethylbenzene	0.42	0.56	ug/kg	J	UB	Method Blank Contamination



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257591

Laboratory Results										Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification	
SUP_SL_12_14-16	257591022	EPA 8260	Soil	Naphthalene	0.61	1.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_12_14-16	257591022	EPA 8260	Soil	Xylene (Total)	0.83	2.4	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_12_14-16	257591022	EPA 8260	Soil	m&p-Xylene	0.83	2.0	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_12_14-16	257591022	EPA 8260	Soil	o-Xylene	0.36	0.44	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_12_14-16	257591022	EPA 8270	Soil	Pentachlorophenol	128	128	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_13_3-4	257591024	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.0	1.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_3-4	257591024	EPA 8260	Soil	Benzene	0.29	0.70	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_3-4	257591024	EPA 8260	Soil	Ethylbenzene	0.74	0.99	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_3-4	257591024	EPA 8260	Soil	Naphthalene	1.1	2.1	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_3-4	257591024	EPA 8260	Soil	Xylene (Total)	1.5	4.0	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_3-4	257591024	EPA 8260	Soil	m&p-Xylene	1.5	3.3	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_3-4	257591024	EPA 8260	Soil	o-Xylene	0.64	0.73	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_3-4	257591024	EPA 8270	Soil	Pentachlorophenol	174	174	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_13_4-5	257591025	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.93	1.5	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_4-5	257591025	EPA 8260	Soil	Benzene	0.27	0.61	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_4-5	257591025	EPA 8260	Soil	Ethylbenzene	0.68	0.84	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_4-5	257591025	EPA 8260	Soil	Naphthalene	0.98	2.2	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_4-5	257591025	EPA 8260	Soil	Xylene (Total)	1.3	3.7	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_4-5	257591025	EPA 8260	Soil	m&p-Xylene	1.3	2.9	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_4-5	257591025	EPA 8260	Soil	o-Xylene	0.58	0.73	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_4-5	257591025	EPA 8270	Soil	Pentachlorophenol	167	256	ug/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_13_5-6	257591026	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.86	1.2	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_5-6	257591026	EPA 8260	Soil	Benzene	0.25	0.51	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_5-6	257591026	EPA 8260	Soil	Ethylbenzene	0.63	0.73	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_5-6	257591026	EPA 8260	Soil	Xylene (Total)	1.3	3.1	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_5-6	257591026	EPA 8260	Soil	m&p-Xylene	1.3	2.5	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_5-6	257591026	EPA 8260	Soil	o-Xylene	0.54	0.62	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_5-6	257591026	EPA 8270	Soil	Pentachlorophenol	162	162	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_13_6-8	257591027	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.74	0.92	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_6-8	257591027	EPA 8260	Soil	Benzene	0.21	0.42	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_6-8	257591027	EPA 8260	Soil	Ethylbenzene	0.54	0.67	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_6-8	257591027	EPA 8260	Soil	Xylene (Total)	1.1	2.8	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_6-8	257591027	EPA 8260	Soil	m&p-Xylene	1.1	2.2	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_6-8	257591027	EPA 8260	Soil	o-Xylene	0.46	0.57	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_6-8	257591027	EPA 8270	Soil	Pentachlorophenol	167	167	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_13_8-10	257591028	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.97	1.2	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_8-10	257591028	EPA 8260	Soil	Benzene	0.28	0.52	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_8-10	257591028	EPA 8260	Soil	Ethylbenzene	0.71	0.82	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_8-10	257591028	EPA 8260	Soil	Xylene (Total)	1.4	3.4	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_8-10	257591028	EPA 8260	Soil	m&p-Xylene	1.4	2.7	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_8-10	257591028	EPA 8260	Soil	o-Xylene	0.61	0.73	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_8-10	257591028	EPA 8270	Soil	Pentachlorophenol	162	162	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_13_10-12	257591029	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.73	1.0	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_10-12	257591029	EPA 8260	Soil	Benzene	0.21	0.35	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_10-12	257591029	EPA 8260	Soil	Ethylbenzene	0.54	0.65	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_10-12	257591029	EPA 8260	Soil	Xylene (Total)	1.1	2.8	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_10-12	257591029	EPA 8260	Soil	m&p-Xylene	1.1	2.3	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_10-12	257591029	EPA 8260	Soil	o-Xylene	0.46	0.57	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_10-12	257591029	EPA 8270	Soil	Pentachlorophenol	160	160	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_13_12-14	257591030	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.60	0.71	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_12-14	257591030	EPA 8260	Soil	Benzene	0.17	0.33	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_12-14	257591030	EPA 8260	Soil	Ethylbenzene	0.44	0.51	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_12-14	257591030	EPA 8260	Soil	Xylene (Total)	0.87	2.1	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_12-14	257591030	EPA 8260	Soil	m&p-Xylene	0.87	1.7	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_12-14	257591030	EPA 8260	Soil	o-Xylene	0.38	0.41	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_12-14	257591030	EPA 8270	Soil	Pentachlorophenol	126	126	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_13_14-16	257591031	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.52	0.64	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_14-16	257591031	EPA 8260	Soil	Benzene	0.15	0.29	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_14-16	257591031	EPA 8260	Soil	Ethylbenzene	0.38	0.43	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_14-16	257591031	EPA 8260	Soil	Xylene (Total)	0.76	1.8	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_14-16	257591031	EPA 8260	Soil	m&p-Xylene	0.76	1.5	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_14-16	257591031	EPA 8260	Soil	o-Xylene	0.33	0.38	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_13_14-16	257591031	EPA 8270	Soil	Pentachlorophenol	120	120	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_16_3-4	257591033	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.68	3.5	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_3-4	257591033	EPA 8260	Soil	Benzene	0.20	1.0	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_3-4	257591033	EPA 8260	Soil	Ethylbenzene	0.50	0.71	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_3-4	257591033	EPA 8260	Soil	Naphthalene	0.72	1.8	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_3-4	257591033	EPA 8260	Soil	Xylene (Total)	0.99	3.1	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_3-4	257591033	EPA 8260	Soil	m&p-Xylene	0.99	2.1	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_3-4	257591033	EPA 8260	Soil	o-Xylene	0.43	0.93	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_3-4	257591033	EPA 8270	Soil	Pentachlorophenol	162	183	ug/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_16_4-5	257591034	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.68	1.5	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_4-5	257591034	EPA 8260	Soil	Benzene	0.20	0.50	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_4-5	257591034	EPA 8260	Soil	Carbon disulfide	0.37	0.52	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_4-5	257591034	EPA 8260	Soil	Ethylbenzene	0.50	0.58	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_16_4-5	257591034	EPA 8260	Soil	Xylene (Total)	0.99	1.8	ug/kg	J	UB	Method Blank Contamination	

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257591

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_16_4-5	257591034	EPA 8260	Soil	m&p-Xylene	0.99	1.8	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_4-5	257591034	EPA 8270	Soil	Pentachlorophenol	146	146	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_16_5-6	257591035	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.74	1.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_5-6	257591035	EPA 8260	Soil	Benzene	0.21	0.52	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_5-6	257591035	EPA 8260	Soil	Carbon disulfide	0.40	0.55	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_5-6	257591035	EPA 8260	Soil	Ethylbenzene	0.54	0.58	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_5-6	257591035	EPA 8260	Soil	Xylene (Total)	1.1	2.4	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_5-6	257591035	EPA 8260	Soil	m&p-Xylene	1.1	1.9	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_5-6	257591035	EPA 8260	Soil	o-Xylene	0.47	0.51	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_5-6	257591035	EPA 8270	Soil	Pentachlorophenol	158	158	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_16_6-8	257591036	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.70	0.85	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_6-8	257591036	EPA 8260	Soil	Benzene	0.20	0.45	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_6-8	257591036	EPA 8260	Soil	Carbon disulfide	0.38	0.53	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_6-8	257591036	EPA 8260	Soil	Ethylbenzene	0.51	0.53	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_6-8	257591036	EPA 8260	Soil	Xylene (Total)	1.0	2.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_6-8	257591036	EPA 8260	Soil	m&p-Xylene	1.0	1.8	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_6-8	257591036	EPA 8260	Soil	o-Xylene	0.44	0.45	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_6-8	257591036	EPA 8270	Soil	Pentachlorophenol	154	154	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_16_8-10	257591037	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.76	0.80	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_8-10	257591037	EPA 8260	Soil	Benzene	0.22	0.40	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_8-10	257591037	EPA 8260	Soil	Carbon disulfide	0.41	1.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_8-10	257591037	EPA 8260	Soil	Xylene (Total)	1.1	2.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_8-10	257591037	EPA 8260	Soil	m&p-Xylene	1.1	1.8	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_8-10	257591037	EPA 8270	Soil	Pentachlorophenol	160	160	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_16_10-12	257591038	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.68	0.77	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_10-12	257591038	EPA 8260	Soil	Benzene	0.20	0.28	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_10-12	257591038	EPA 8260	Soil	Carbon disulfide	0.36	1.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_10-12	257591038	EPA 8260	Soil	Xylene (Total)	0.98	2.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_10-12	257591038	EPA 8260	Soil	m&p-Xylene	0.98	1.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_10-12	257591038	EPA 8260	Soil	o-Xylene	0.43	0.44	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_10-12	257591038	EPA 8270	Soil	Pentachlorophenol	147	147	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_16_12-14	257591039	EPA 6010	Soil	Arsenic	0.36	34.4	mg/kg	J	J	Laboratory Noted Qualifier
SUP_SL_16_12-14	257591039	EPA 6010	Soil	Lead	0.076	1.7	mg/kg	J	J	Laboratory Noted Qualifier
SUP_SL_16_12-14	257591039	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.60	0.73	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_12-14	257591039	EPA 8260	Soil	Benzene	0.17	0.28	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_12-14	257591039	EPA 8260	Soil	Carbon disulfide	0.32	0.42	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_12-14	257591039	EPA 8260	Soil	Ethylbenzene	0.44	0.47	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_12-14	257591039	EPA 8260	Soil	Xylene (Total)	0.87	2.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_12-14	257591039	EPA 8260	Soil	m&p-Xylene	0.87	1.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_12-14	257591039	EPA 8270	Soil	Pentachlorophenol	127	127	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_16_14-16	257591040	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.56	0.83	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_14-16	257591040	EPA 8260	Soil	Benzene	0.16	0.27	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_14-16	257591040	EPA 8260	Soil	Carbon disulfide	0.30	0.85	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_14-16	257591040	EPA 8260	Soil	Ethylbenzene	0.41	0.44	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_14-16	257591040	EPA 8260	Soil	Xylene (Total)	0.81	1.9	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_14-16	257591040	EPA 8260	Soil	m&p-Xylene	0.81	1.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_14-16	257591040	EPA 8260	Soil	o-Xylene	0.35	0.37	ug/kg	J	UB	Method Blank Contamination
SUP_SL_16_14-16	257591040	EPA 8270	Soil	Pentachlorophenol	121	121	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_17_8-10	257591041	EPA 6010	Soil	Cadmium	0.054	4.2	mg/kg	J	B	Method Blank Contamination
SUP_SL_17_8-10	257591041	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.72	0.93	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_8-10	257591041	EPA 8260	Soil	Benzene	0.21	0.40	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_8-10	257591041	EPA 8260	Soil	Carbon disulfide	0.39	2.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_8-10	257591041	EPA 8260	Soil	Ethylbenzene	0.53	0.54	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_8-10	257591041	EPA 8260	Soil	Naphthalene	0.77	0.86	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_8-10	257591041	EPA 8260	Soil	Xylene (Total)	1.0	2.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_8-10	257591041	EPA 8260	Soil	m&p-Xylene	1.0	1.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_8-10	257591041	EPA 8270	Soil	Pentachlorophenol	147	147	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_17_10-12	257591042	EPA 6010	Soil	Cadmium	0.047	2.4	mg/kg	J	B	Method Blank Contamination
SUP_SL_17_10-12	257591042	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.58	0.65	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_10-12	257591042	EPA 8260	Soil	Benzene	0.17	0.24	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_10-12	257591042	EPA 8260	Soil	Carbon disulfide	0.31	1.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_10-12	257591042	EPA 8260	Soil	Ethylbenzene	0.42	0.43	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_10-12	257591042	EPA 8260	Soil	Xylene (Total)	0.84	1.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_10-12	257591042	EPA 8260	Soil	m&p-Xylene	0.84	1.4	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_10-12	257591042	EPA 8270	Soil	Pentachlorophenol	127	127	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_17_12-14	257591043	EPA 6010	Soil	Cadmium	0.011	0.42	mg/kg	J	B	Method Blank Contamination
SUP_SL_17_12-14	257591043	EPA 8260	Soil	Toluene	0.35	1.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_12-14	257591043	EPA 8270	Soil	Pentachlorophenol	124	124	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_17_14-16	257591044	EPA 6010	Soil	Cadmium	0.047	0.065	mg/kg	J	UB	Method Blank Contamination
SUP_SL_17_14-16	257591044	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.57	0.64	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_14-16	257591044	EPA 8260	Soil	Benzene	0.16	0.23	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_14-16	257591044	EPA 8260	Soil	Carbon disulfide	0.31	0.39	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_14-16	257591044	EPA 8260	Soil	Xylene (Total)	0.82	1.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_14-16	257591044	EPA 8260	Soil	m&p-Xylene	0.82	1.3	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_14-16	257591044	EPA 8270	Soil	Pentachlorophenol	118	118	ug/kg	U	UB	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_17_Dup	257591045	EPA 6010	Soil	Cadmium	0.065	3.7	mg/kg	J	B	Method Blank Contamination



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257591

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_17_Dup	257591045	EPA 8260	Soil	Toluene	0.37	0.92	ug/kg	J	UB	Method Blank Contamination
SUP_SL_17_Dup	257591045	EPA 8270	Soil	Pentachlorophenol	132	132	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_26 5-9	257591047	EPA 6010	Soil	Cadmium	0.013	127	mg/kg	J	B	Method Blank Contamination
SUP_SL_26 5-9	257591047	EPA 8270	Soil	Pentachlorophenol	172	172	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_26 9-10	257591048	EPA 6010	Soil	Cadmium	0.013	0.99	mg/kg	J	B	Method Blank Contamination
SUP_SL_26 9-10	257591048	EPA 8260	Soil	Toluene	0.37	1.4	ug/kg	J	UB	Method Blank Contamination
SUP_SL_26 9-10	257591048	EPA 8270	Soil	Pentachlorophenol	139	139	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_26 9-10	257591048	NWTPH-Gx	Soil	Gasoline Range Organics	0.33	1.9	mg/kg	J	UB	Method Blank Contamination
SUP_SL_26 10-12	257591049	EPA 6010	Soil	Cadmium	0.013	0.19	mg/kg	J	B	Method Blank Contamination
SUP_SL_26 10-12	257591049	EPA 8260	Soil	Toluene	0.35	0.77	ug/kg	J	UB	Method Blank Contamination
SUP_SL_26 10-12	257591049	EPA 8270	Soil	Pentachlorophenol	126	126	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_26 10-12	257591049	NWTPH-Gx	Soil	Gasoline Range Organics	0.29	0.86	mg/kg	J	UB	Method Blank Contamination
SUP_SL_26 12-14	257591050	EPA 6010	Soil	Cadmium	0.013	4.7	mg/kg	J	B	Method Blank Contamination
SUP_SL_26 12-14	257591050	EPA 8260	Soil	Toluene	0.39	0.89	ug/kg	J	UB	Method Blank Contamination
SUP_SL_26 12-14	257591050	EPA 8270	Soil	Pentachlorophenol	124	124	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_26 12-14	257591050	NWTPH-Gx	Soil	Gasoline Range Organics	0.27	0.78	mg/kg	J	UB	Method Blank Contamination
SUP_SL_26 14-16	257591051	EPA 8260	Soil	Toluene	0.34	0.78	ug/kg	J	UB	Method Blank Contamination
SUP_SL_26 14-16	257591051	EPA 8270	Soil	Pentachlorophenol	126	126	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_26 14-16	257591051	NWTPH-Gx	Soil	Gasoline Range Organics	0.28	0.68	mg/kg	J	UB	Method Blank Contamination
SUP_SL_27 3-4	257591052	EPA 6010	Soil	Cadmium	0.012	46.4	mg/kg	J	B	Method Blank Contamination
SUP_SL_27 3-4	257591052	EPA 8260	Soil	Toluene	0.17	0.39	ug/kg	J	UB	Method Blank Contamination
SUP_SL_27 3-4	257591052	EPA 8270	Soil	Pentachlorophenol	160	160	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_27 3-4	257591052	NWTPH-Gx	Soil	Gasoline Range Organics	0.30	1.1	mg/kg	J	UB	Method Blank Contamination
SUP_SL_27 4-5	257591053	EPA 6010	Soil	Cadmium	0.067	5.4	mg/kg	J	B	Method Blank Contamination
SUP_SL_27 4-5	257591053	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.91	21.1	ug/kg	J	J	Laboratory Noted Qualifier
SUP_SL_27 4-5	257591053	EPA 8260	Soil	Naphthalene	0.97	12.4	ug/kg	J	J	Laboratory Noted Qualifier
SUP_SL_27 4-5	257591053	EPA 8260	Soil	Toluene	0.54	3.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_27 4-5	257591053	EPA 8260	Soil	m&p-Xylene	1.3	10.9	ug/kg	J	J	Laboratory Noted Qualifier
SUP_SL_27 4-5	257591053	EPA 8270	Soil	Pentachlorophenol	165	165	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_27 4-5	257591053	NWTPH-Gx	Soil	Gasoline Range Organics	0.28	0.67	mg/kg	J	UB	Method Blank Contamination
SUP_SL_27 5-6	257591054	EPA 8260	Soil	Toluene	0.19	1.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_27 5-6	257591054	EPA 8270	Soil	Pentachlorophenol	146	146	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_27 5-6	257591054	NWTPH-Gx	Soil	Gasoline Range Organics	0.23	0.46	mg/kg	J	UB	Method Blank Contamination
SUP_SL_27 6-8	257591055	EPA 8260	Soil	Toluene	0.29	0.55	ug/kg	J	UB	Method Blank Contamination
SUP_SL_27 6-8	257591055	EPA 8270	Soil	Pentachlorophenol	193	193	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_27 6-8	257591055	NWTPH-Gx	Soil	Gasoline Range Organics	0.37	0.57	mg/kg	J	UB	Method Blank Contamination
SUP_SL_27 8-10	257591056	EPA 8260	Soil	Toluene	0.28	0.64	ug/kg	J	UB	Method Blank Contamination
SUP_SL_27 8-10	257591056	EPA 8270	Soil	Pentachlorophenol	171	171	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_27 8-10	257591056	NWTPH-Gx	Soil	Gasoline Range Organics	0.30	0.38	mg/kg	J	UB	Method Blank Contamination
SUP_SL_27 10-12	257591057	EPA 6010	Soil	Cadmium	0.014	0.35	mg/kg	J	B	Method Blank Contamination
SUP_SL_27 10-12	257591057	EPA 8260	Soil	Toluene	0.19	0.19	ug/kg	J	UB	Method Blank Contamination
SUP_SL_27 10-12	257591057	EPA 8270	Soil	Pentachlorophenol	135	135	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_27 10-12	257591057	NWTPH-Gx	Soil	Gasoline Range Organics	0.24	0.52	mg/kg	J	UB	Method Blank Contamination
SUP_SL_27 12-14	257591058	EPA 8260	Soil	Toluene	0.38	0.72	ug/kg	J	UB	Method Blank Contamination
SUP_SL_27 12-14	257591058	EPA 8270	Soil	Pentachlorophenol	126	126	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_27 12-14	257591058	NWTPH-Gx	Soil	Gasoline Range Organics	0.29	0.63	mg/kg	J	UB	Method Blank Contamination
SUP_SL_27 14-16	257591059	EPA 8260	Soil	Toluene	0.33	0.44	ug/kg	J	UB	Method Blank Contamination
SUP_SL_27 14-16	257591059	EPA 8260	Soil	Xylene (Total)	0.81	0.81	ug/kg	U	UJ	Laboratory Noted Qualifier
SUP_SL_27 14-16	257591059	EPA 8270	Soil	Pentachlorophenol	119	119	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_27 14-16	257591059	NWTPH-Gx	Soil	Gasoline Range Organics	0.30	0.63	mg/kg	J	UB	Method Blank Contamination
SUP_GW_3	257591061	EPA 5030B/8260	Water	1,2,4-Trimethylbenzene	0.086	0.44	ug/L	J	UB	Method Blank Contamination
SUP_GW_3	257591061	EPA 5030B/8260	Water	Benzene	0.12	0.18	ug/L	J	UB	Method Blank Contamination
SUP_GW_3	257591061	EPA 5030B/8260	Water	Naphthalene	0.10	0.88	ug/L	J	UB	Method Blank Contamination
SUP_GW_3	257591061	EPA 5030B/8260	Water	Toluene	0.21	0.30	ug/L	J	UB	Method Blank Contamination
SUP_GW_3	257591061	EPA 5030B/8260	Water	Xylene (Total)	0.42	0.84	ug/L	J	UB	Method Blank Contamination
SUP_GW_3	257591061	EPA 5030B/8260	Water	m&p-Xylene	0.27	0.62	ug/L	J	UB	Method Blank Contamination
SUP_GW_3	257591061	EPA 5030B/8260	Water	o-Xylene	0.15	0.22	ug/L	J	UB	Method Blank Contamination
SUP_GW_3	257591061	EPA 6010	Water	Arsenic, Dissolved	0.11	143	mg/L	J	B	Method Blank Contamination
SUP_GW_6	257591062	EPA 5030B/8260	Water	1,2,4-Trimethylbenzene	0.086	0.49	ug/L	J	UB	Method Blank Contamination
SUP_GW_6	257591062	EPA 5030B/8260	Water	Benzene	0.12	0.15	ug/L	J	UB	Method Blank Contamination
SUP_GW_6	257591062	EPA 5030B/8260	Water	Naphthalene	0.10	0.17	ug/L	J	UB	Method Blank Contamination
SUP_GW_6	257591062	EPA 5030B/8260	Water	Toluene	0.21	0.32	ug/L	J	UB	Method Blank Contamination
SUP_GW_6	257591062	EPA 5030B/8260	Water	Xylene (Total)	0.42	0.82	ug/L	J	UB	Method Blank Contamination
SUP_GW_6	257591062	EPA 5030B/8260	Water	m&p-Xylene	0.27	0.62	ug/L	J	UB	Method Blank Contamination
SUP_GW_6	257591062	EPA 5030B/8260	Water	o-Xylene	0.15	0.20	ug/L	J	UB	Method Blank Contamination
SUP_GW_6	257591062	EPA 6010	Water	Arsenic, Dissolved	0.022	30.5	mg/L	J	B	Method Blank Contamination

April 19, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 257591

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on May 10, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the PQL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 19, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 257591

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	Matrix	Date Collected	Date Received
257591001	SUP_SL_10 6-8	Solid	05/10/11 14:47	05/10/11 16:20
257591002	SUP_SL_10 8-10	Solid	05/10/11 14:50	05/10/11 16:20
257591003	SUP_SL_10 10-12	Solid	05/10/11 14:54	05/10/11 16:20
257591004	SUP_SL_10 12-14	Solid	05/10/11 15:00	05/10/11 16:20
257591005	SUP_SL_10 14-16	Solid	05/10/11 15:03	05/10/11 16:20
257591006	Trip Blank 1	Solid	05/10/11 00:00	05/10/11 16:20
257591007	SUP_SL_11 4-5	Solid	05/10/11 14:09	05/10/11 16:20
257591008	SUP_SL_11 5-6	Solid	05/10/11 14:13	05/10/11 16:20
257591009	SUP_SL_11 6-8	Solid	05/10/11 14:22	05/10/11 16:20
257591010	SUP_SL_11 8-10	Solid	05/10/11 14:28	05/10/11 16:20
257591011	SUP_SL_11 10-12	Solid	05/10/11 14:32	05/10/11 16:20
257591012	SUP_SL_11 12-14	Solid	05/10/11 14:35	05/10/11 16:20
257591013	SUP_SL_11 14-16	Solid	05/10/11 14:42	05/10/11 16:20
257591014	SUP_SL_11 Dup	Solid	05/10/11 14:25	05/10/11 16:20
257591015	SUP_SL_12 3-4	Solid	05/10/11 11:12	05/10/11 16:20
257591016	SUP_SL_12 4-5	Solid	05/10/11 11:16	05/10/11 16:20
257591017	SUP_SL_12 5-6	Solid	05/10/11 11:21	05/10/11 16:20
257591018	SUP_SL_12 6-8	Solid	05/10/11 11:25	05/10/11 16:20
257591019	SUP_SL_12 8-10	Solid	05/10/11 11:32	05/10/11 16:20
257591020	SUP_SL_12 10-12	Solid	05/10/11 11:35	05/10/11 16:20
257591021	SUP_SL_12 12-14	Solid	05/10/11 11:40	05/10/11 16:20
257591022	SUP_SL_12 14-16	Solid	05/10/11 11:43	05/10/11 16:20
257591023	Trip Blank 2	Solid	05/10/11 00:00	05/10/11 16:20
257591024	SUP_SL_13 3-4	Solid	05/10/11 13:29	05/10/11 16:20
257591025	SUP_SL_13 4-5	Solid	05/10/11 13:35	05/10/11 16:20
257591026	SUP_SL_13 5-6	Solid	05/10/11 13:40	05/10/11 16:20
257591027	SUP_SL_13 6-8	Solid	05/10/11 13:44	05/10/11 16:20
257591028	SUP_SL_13 8-10	Solid	05/10/11 13:48	05/10/11 16:20
257591029	SUP_SL_13 10-12	Solid	05/10/11 13:55	05/10/11 16:20
257591030	SUP_SL_13 12-14	Solid	05/10/11 14:00	05/10/11 16:20
257591031	SUP_SL_13 14-16	Solid	05/10/11 14:04	05/10/11 16:20
257591032	Trip Blank 3	Solid	05/10/11 00:00	05/10/11 16:20
257591033	SUP_SL_16 3-4	Solid	05/10/11 12:25	05/10/11 16:20
257591034	SUP_SL_16 4-5	Solid	05/10/11 12:29	05/10/11 16:20
257591035	SUP_SL_16 5-6	Solid	05/10/11 12:35	05/10/11 16:20
257591036	SUP_SL_16 6-8	Solid	05/10/11 12:40	05/10/11 16:20
257591037	SUP_SL_16 8-10	Solid	05/10/11 12:45	05/10/11 16:20

REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	Matrix	Date Collected	Date Received
257591038	SUP_SL_16 10-12	Solid	05/10/11 12:51	05/10/11 16:20
257591039	SUP_SL_16 12-14	Solid	05/10/11 12:59	05/10/11 16:20
257591040	SUP_SL_16 14-16	Solid	05/10/11 13:03	05/10/11 16:20
257591041	SUP_SL_17 8-10	Solid	05/10/11 10:20	05/10/11 16:20
257591042	SUP_SL_17 10-12	Solid	05/10/11 10:25	05/10/11 16:20
257591043	SUP_SL_17 12-14	Solid	05/10/11 10:51	05/10/11 16:20
257591044	SUP_SL_17 14-16	Solid	05/10/11 11:02	05/10/11 16:20
257591045	SUP_SL_17_Dup	Solid	05/10/11 10:32	05/10/11 16:20
257591046	Trip Blank 4	Solid	05/10/11 00:00	05/10/11 16:20
257591047	SUP_SL_26 5-9	Solid	05/10/11 09:35	05/10/11 16:20
257591048	SUP_SL_26 9-10	Solid	05/10/11 09:40	05/10/11 16:20
257591049	SUP_SL_26 10-12	Solid	05/10/11 09:42	05/10/11 16:20
257591050	SUP_SL_26 12-14	Solid	05/10/11 09:48	05/10/11 16:20
257591051	SUP_SL_26 14-16	Solid	05/10/11 09:55	05/10/11 16:20
257591052	SUP_SL_27 3-4	Solid	05/10/11 08:45	05/10/11 16:20
257591053	SUP_SL_27 4-5	Solid	05/10/11 08:53	05/10/11 16:20
257591054	SUP_SL_27 5-6	Solid	05/10/11 08:57	05/10/11 16:20
257591055	SUP_SL_27 6-8	Solid	05/10/11 09:02	05/10/11 16:20
257591056	SUP_SL_27 8-10	Solid	05/10/11 09:07	05/10/11 16:20
257591057	SUP_SL_27 10-12	Solid	05/10/11 09:12	05/10/11 16:20
257591058	SUP_SL_27 12-14	Solid	05/10/11 09:20	05/10/11 16:20
257591059	SUP_SL_27 14-16	Solid	05/10/11 09:25	05/10/11 16:20
257591060	Trip Blank 5	Solid	05/10/11 00:00	05/10/11 16:20
257591061	SUP_GW_3	Water	05/10/11 12:15	05/10/11 16:20
257591062	SUP_GW_6	Water	05/10/11 13:10	05/10/11 16:20
257591063	Trip Blank Water	Water	05/10/11 00:00	05/10/11 16:20
257591064	Level IV Package - 20%	Solid	05/10/11 00:00	05/10/11 16:20

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257591001	SUP_SL_10 6-8	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257591002	SUP_SL_10 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LNH	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257591003	SUP_SL_10 10-12	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257591004	SUP_SL_10 12-14	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257591005	SUP_SL_10 14-16	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
257591006	Trip Blank 1	EPA 8260	LPM	73	PASI-S
257591007	SUP_SL_11 4-5	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LNH	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591008	SUP_SL_11 5-6	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LNH	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591009	SUP_SL_11 6-8	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591010	SUP_SL_11 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon

Pace Project No.: 257591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257591011	SUP_SL_11 10-12	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591012	SUP_SL_11 12-14	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591013	SUP_SL_11 14-16	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591014	SUP_SL_11 Dup	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591015	SUP_SL_12 3-4	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591016	SUP_SL_12 4-5	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591017	SUP_SL_12 5-6	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591018	SUP_SL_12 6-8	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591019	SUP_SL_12 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591020	SUP_SL_12 10-12	EPA 6010	BGA	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257591021	SUP_SL_12 12-14	EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
257591022	SUP_SL_12 14-16	ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
257591023	Trip Blank 2	EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591024	SUP_SL_13 3-4	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591025	SUP_SL_13 4-5	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591026	SUP_SL_13 5-6	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591027	SUP_SL_13 6-8	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591028	SUP_SL_13 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591029	SUP_SL_13 10-12	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
257591030	SUP_SL_13 12-14	EPA 6010	BGA	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257591031	SUP_SL_13 14-16	EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
257591032	Trip Blank 3	ASTM D2974-87	ERB	1	PASI-S
		EPA 8260	LPM	73	PASI-S
257591033	SUP_SL_16 3-4	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591034	SUP_SL_16 4-5	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591035	SUP_SL_16 5-6	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591036	SUP_SL_16 6-8	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591037	SUP_SL_16 8-10	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	ERB	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591038	SUP_SL_16 10-12	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591039	SUP_SL_16 12-14	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591040	SUP_SL_16 14-16	EPA 8260	LPM	73	PASI-S
		EPA 6010	BGA	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257591041	SUP_SL_17 8-10	EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
257591042	SUP_SL_17 10-12	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
257591043	SUP_SL_17 12-14	ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257591044	SUP_SL_17 14-16	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
257591045	SUP_SL_17_Dup	EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 8260	ATH	73	PASI-S
		EPA 8270	ERB	2	PASI-S
257591046	Trip Blank 4	ASTM D2974-87	DMT	1	PASI-S
257591047	SUP_SL_26 5-9	EPA 8260	ATH	73	PASI-S
		EPA 6010	BGA	3	PASI-S
257591048	SUP_SL_26 9-10	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257591049	SUP_SL_26 10-12	EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
257591050	SUP_SL_26 12-14	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
257591051	SUP_SL_26 14-16	EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
257591052	SUP_SL_27 3-4	EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	ATH	73	PASI-S
257591053	SUP_SL_27 4-5	ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		EPA 8260	LPM	73	PASI-S
257591054	SUP_SL_27 5-6	ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon

Pace Project No.: 257591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257591055	SUP_SL_27 6-8	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591056	SUP_SL_27 8-10	EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257591057	SUP_SL_27 10-12	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
257591058	SUP_SL_27 12-14	EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
257591059	SUP_SL_27 14-16	EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257591060	Trip Blank 5	NWTPH-Gx	CC	3	PASI-S
		EPA 8260	ATH	73	PASI-S
		EPA 6010	BGA	3	PASI-S
257591061	SUP_GW_3	EPA 6010	BGA	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon

Pace Project No.: 257591

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	7	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
257591062	SUP_GW_6	EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	7	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
257591063	Trip Blank Water	EPA 5030B/8260	LPM	71	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_10 6-8 Lab ID: 257591001 Collected: 05/10/11 14:47 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1330	mg/kg	22.1	3.3	5	05/13/11 08:56	05/18/11 11:11	7440-38-2	
Cadmium	3.5J	mg/kg	11.1	0.12	5	05/13/11 08:56	05/18/11 11:11	7440-43-9	
Lead	2340	mg/kg	11.1	0.70	5	05/13/11 08:56	05/18/11 11:11	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	736	233	1	05/16/11 10:30	05/18/11 18:00	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	86	%	26-135		1	05/16/11 10:30	05/18/11 18:00	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.6	0.37	1		05/12/11 15:31	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.6	0.47	1		05/12/11 15:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.6	0.71	1		05/12/11 15:31	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.6	0.71	1		05/12/11 15:31	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.6	1.0	1		05/12/11 15:31	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.6	0.60	1		05/12/11 15:31	75-34-3	
1,1-Dichloroethene	ND	ug/kg	7.6	0.94	1		05/12/11 15:31	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.6	0.89	1		05/12/11 15:31	563-58-6	
1,2,3-Trichlorobenzene	1.3J	ug/kg	7.6	0.71	1		05/12/11 15:31	87-61-6	B
1,2,3-Trichloropropane	ND	ug/kg	7.6	0.87	1		05/12/11 15:31	96-18-4	
1,2,4-Trichlorobenzene	0.89J	ug/kg	7.6	0.62	1		05/12/11 15:31	120-82-1	B
1,2,4-Trimethylbenzene	2.5J	ug/kg	7.6	1.3	1		05/12/11 15:31	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.7	0.99	1		05/12/11 15:31	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.6	0.54	1		05/12/11 15:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.6	0.63	1		05/12/11 15:31	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.6	0.57	1		05/12/11 15:31	107-06-2	
1,2-Dichloroethene (Total)	1.4J	ug/kg	15.3	0.94	1		05/12/11 15:31	540-59-0	
1,2-Dichloropropane	ND	ug/kg	7.6	0.46	1		05/12/11 15:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.6	0.81	1		05/12/11 15:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.6	0.48	1		05/12/11 15:31	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.6	0.71	1		05/12/11 15:31	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.6	0.61	1		05/12/11 15:31	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.6	0.48	1		05/12/11 15:31	594-20-7	
2-Butanone (MEK)	28.0	ug/kg	25.5	3.9	1		05/12/11 15:31	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.6	0.80	1		05/12/11 15:31	95-49-8	
2-Hexanone	ND	ug/kg	25.5	0.92	1		05/12/11 15:31	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.6	0.68	1		05/12/11 15:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.5	0.78	1		05/12/11 15:31	108-10-1	
Acetone	52.1	ug/kg	25.5	2.8	1		05/12/11 15:31	67-64-1	
Benzene	0.55J	ug/kg	7.6	0.38	1		05/12/11 15:31	71-43-2	
Bromobenzene	ND	ug/kg	7.6	0.60	1		05/12/11 15:31	108-86-1	
Bromochloromethane	ND	ug/kg	7.6	0.56	1		05/12/11 15:31	74-97-5	
Bromodichloromethane	ND	ug/kg	7.6	0.30	1		05/12/11 15:31	75-27-4	
Bromoform	ND	ug/kg	7.6	0.59	1		05/12/11 15:31	75-25-2	
Bromomethane	ND	ug/kg	7.6	0.81	1		05/12/11 15:31	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_10 6-8 Lab ID: 257591001 Collected: 05/10/11 14:47 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.9J	ug/kg	7.6	0.71	1		05/12/11 15:31	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.6	0.46	1		05/12/11 15:31	56-23-5	
Chlorobenzene	ND	ug/kg	7.6	0.47	1		05/12/11 15:31	108-90-7	
Chloroethane	ND	ug/kg	7.6	0.74	1		05/12/11 15:31	75-00-3	
Chloroform	ND	ug/kg	7.6	0.50	1		05/12/11 15:31	67-66-3	
Chloromethane	ND	ug/kg	7.6	0.52	1		05/12/11 15:31	74-87-3	
Dibromochloromethane	ND	ug/kg	7.6	0.26	1		05/12/11 15:31	124-48-1	
Dibromomethane	ND	ug/kg	7.6	0.53	1		05/12/11 15:31	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.6	1.1	1		05/12/11 15:31	75-71-8	
Ethylbenzene	1.1J	ug/kg	7.6	0.97	1		05/12/11 15:31	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	7.6	0.76	1		05/12/11 15:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.6	0.88	1		05/12/11 15:31	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.6	0.64	1		05/12/11 15:31	1634-04-4	
Methylene chloride	ND	ug/kg	25.5	6.7	1		05/12/11 15:31	75-09-2	
Naphthalene	10.3	ug/kg	7.6	1.4	1		05/12/11 15:31	91-20-3	B
Styrene	ND	ug/kg	7.6	0.73	1		05/12/11 15:31	100-42-5	
Tetrachloroethene	ND	ug/kg	7.6	0.97	1		05/12/11 15:31	127-18-4	
Toluene	2.6J	ug/kg	7.6	0.79	1		05/12/11 15:31	108-88-3	B
Trichloroethene	ND	ug/kg	7.6	0.53	1		05/12/11 15:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.6	0.58	1		05/12/11 15:31	75-69-4	
Vinyl chloride	ND	ug/kg	7.6	0.71	1		05/12/11 15:31	75-01-4	
Xylene (Total)	6.2J	ug/kg	22.9	1.9	1		05/12/11 15:31	1330-20-7	B
cis-1,2-Dichloroethene	1.4J	ug/kg	7.6	0.53	1		05/12/11 15:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.6	0.33	1		05/12/11 15:31	10061-01-5	
m&p-Xylene	4.8J	ug/kg	15.3	1.9	1		05/12/11 15:31	179601-23-1	B
n-Butylbenzene	ND	ug/kg	7.6	1.2	1		05/12/11 15:31	104-51-8	
n-Propylbenzene	ND	ug/kg	7.6	0.90	1		05/12/11 15:31	103-65-1	
o-Xylene	1.4J	ug/kg	7.6	0.83	1		05/12/11 15:31	95-47-6	B
p-Isopropyltoluene	2.1J	ug/kg	7.6	0.98	1		05/12/11 15:31	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.6	1.1	1		05/12/11 15:31	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.6	0.66	1		05/12/11 15:31	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.6	0.88	1		05/12/11 15:31	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.6	0.76	1		05/12/11 15:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.6	0.54	1		05/12/11 15:31	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	80-136		1		05/12/11 15:31	1868-53-7	
Toluene-d8 (S)	101	%	80-120		1		05/12/11 15:31	2037-26-5	
4-Bromofluorobenzene (S)	95	%	72-122		1		05/12/11 15:31	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	80-143		1		05/12/11 15:31	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	55.7	%	0.10	0.10	1		05/11/11 16:51		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_10 8-10 **Lab ID: 257591002** Collected: 05/10/11 14:50 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	22.2	mg/kg	10.7	1.6	5	05/13/11 08:56	05/18/11 11:25	7440-38-2	
Cadmium	ND	mg/kg	5.4	0.059	5	05/13/11 08:56	05/18/11 11:25	7440-43-9	
Lead	47.5	mg/kg	1.1	0.067	1	05/13/11 08:56	05/18/11 12:33	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	453	144	1	05/16/11 10:30	05/17/11 19:13	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	85	%	26-135		1	05/16/11 10:30	05/17/11 19:13	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		05/18/11 16:12	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		05/18/11 16:12	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.32	1		05/18/11 16:12	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		05/18/11 16:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		05/18/11 16:12	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		05/18/11 16:12	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		05/18/11 16:12	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		05/18/11 16:12	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.32	1		05/18/11 16:12	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		05/18/11 16:12	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		05/18/11 16:12	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		05/18/11 16:12	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.45	1		05/18/11 16:12	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		05/18/11 16:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		05/18/11 16:12	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		05/18/11 16:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.42	1		05/18/11 16:12	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/18/11 16:12	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		05/18/11 16:12	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		05/18/11 16:12	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.32	1		05/18/11 16:12	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		05/18/11 16:12	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/18/11 16:12	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.4	1.7	1		05/18/11 16:12	78-93-3	B
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		05/18/11 16:12	95-49-8	
2-Hexanone	ND	ug/kg	11.4	0.41	1		05/18/11 16:12	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		05/18/11 16:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.4	0.35	1		05/18/11 16:12	108-10-1	
Acetone	22.6	ug/kg	11.4	1.3	1		05/18/11 16:12	67-64-1	B
Benzene	ND	ug/kg	3.4	0.17	1		05/18/11 16:12	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.27	1		05/18/11 16:12	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		05/18/11 16:12	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		05/18/11 16:12	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		05/18/11 16:12	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		05/18/11 16:12	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_10 8-10 Lab ID: 257591002 Collected: 05/10/11 14:50 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.4	0.32	1		05/18/11 16:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		05/18/11 16:12	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		05/18/11 16:12	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		05/18/11 16:12	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		05/18/11 16:12	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.24	1		05/18/11 16:12	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.12	1		05/18/11 16:12	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		05/18/11 16:12	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.48	1		05/18/11 16:12	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		05/18/11 16:12	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		05/18/11 16:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.40	1		05/18/11 16:12	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.29	1		05/18/11 16:12	1634-04-4	
Methylene chloride	ND	ug/kg	11.4	3.0	1		05/18/11 16:12	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.63	1		05/18/11 16:12	91-20-3	B
Styrene	ND	ug/kg	3.4	0.33	1		05/18/11 16:12	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.44	1		05/18/11 16:12	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		05/18/11 16:12	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		05/18/11 16:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		05/18/11 16:12	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		05/18/11 16:12	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	0.86	1		05/18/11 16:12	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		05/18/11 16:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		05/18/11 16:12	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.86	1		05/18/11 16:12	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		05/18/11 16:12	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		05/18/11 16:12	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		05/18/11 16:12	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		05/18/11 16:12	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.48	1		05/18/11 16:12	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.30	1		05/18/11 16:12	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		05/18/11 16:12	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		05/18/11 16:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		05/18/11 16:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		80-136		1		05/18/11 16:12	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/18/11 16:12	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/18/11 16:12	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		80-143		1		05/18/11 16:12	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.6 %		0.10	0.10	1		05/11/11 16:52		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_10 10-12 **Lab ID: 257591003** Collected: 05/10/11 14:54 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.3	mg/kg	2.0	0.30	1	05/13/11 08:56	05/18/11 12:36	7440-38-2	
Cadmium	ND	mg/kg	0.99	0.011	1	05/13/11 08:56	05/18/11 12:36	7440-43-9	
Lead	1.6	mg/kg	0.99	0.063	1	05/13/11 08:56	05/18/11 12:36	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	404	128	1	05/16/11 10:30	05/17/11 19:35	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	94	%	26-135		1	05/16/11 10:30	05/17/11 19:35	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.16	1		05/12/11 16:10	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.20	1		05/12/11 16:10	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.30	1		05/12/11 16:10	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.30	1		05/12/11 16:10	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.43	1		05/12/11 16:10	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.26	1		05/12/11 16:10	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.40	1		05/12/11 16:10	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.2	0.38	1		05/12/11 16:10	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.30	1		05/12/11 16:10	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.37	1		05/12/11 16:10	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		05/12/11 16:10	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.56	1		05/12/11 16:10	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	0.42	1		05/12/11 16:10	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.23	1		05/12/11 16:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.27	1		05/12/11 16:10	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.24	1		05/12/11 16:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.5	0.40	1		05/12/11 16:10	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.19	1		05/12/11 16:10	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		05/12/11 16:10	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.20	1		05/12/11 16:10	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.30	1		05/12/11 16:10	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		05/12/11 16:10	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		05/12/11 16:10	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.8	1.6	1		05/12/11 16:10	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.34	1		05/12/11 16:10	95-49-8	
2-Hexanone	ND	ug/kg	10.8	0.39	1		05/12/11 16:10	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.29	1		05/12/11 16:10	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	0.33	1		05/12/11 16:10	108-10-1	
Acetone	ND	ug/kg	10.8	1.2	1		05/12/11 16:10	67-64-1	
Benzene	ND	ug/kg	3.2	0.16	1		05/12/11 16:10	71-43-2	
Bromobenzene	ND	ug/kg	3.2	0.25	1		05/12/11 16:10	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.24	1		05/12/11 16:10	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.13	1		05/12/11 16:10	75-27-4	
Bromoform	ND	ug/kg	3.2	0.25	1		05/12/11 16:10	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		05/12/11 16:10	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_10 10-12 **Lab ID: 257591003** Collected: 05/10/11 14:54 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.2	0.30	1		05/12/11 16:10	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.2	0.20	1		05/12/11 16:10	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.20	1		05/12/11 16:10	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.31	1		05/12/11 16:10	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		05/12/11 16:10	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		05/12/11 16:10	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		05/12/11 16:10	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.22	1		05/12/11 16:10	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.45	1		05/12/11 16:10	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.41	1		05/12/11 16:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.32	1		05/12/11 16:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		05/12/11 16:10	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.27	1		05/12/11 16:10	1634-04-4	
Methylene chloride	ND	ug/kg	10.8	2.8	1		05/12/11 16:10	75-09-2	
Naphthalene	ND	ug/kg	3.2	0.59	1		05/12/11 16:10	91-20-3	
Styrene	ND	ug/kg	3.2	0.31	1		05/12/11 16:10	100-42-5	
Tetrachloroethene	ND	ug/kg	3.2	0.41	1		05/12/11 16:10	127-18-4	
Toluene	ND	ug/kg	3.2	0.33	1		05/12/11 16:10	108-88-3	B
Trichloroethene	ND	ug/kg	3.2	0.23	1		05/12/11 16:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.25	1		05/12/11 16:10	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		05/12/11 16:10	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	0.81	1		05/12/11 16:10	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.22	1		05/12/11 16:10	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		05/12/11 16:10	10061-01-5	
m&p-Xylene	ND	ug/kg	6.5	0.81	1		05/12/11 16:10	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.2	0.49	1		05/12/11 16:10	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.38	1		05/12/11 16:10	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.35	1		05/12/11 16:10	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.2	0.41	1		05/12/11 16:10	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.45	1		05/12/11 16:10	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.28	1		05/12/11 16:10	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.37	1		05/12/11 16:10	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		05/12/11 16:10	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.23	1		05/12/11 16:10	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		80-136		1		05/12/11 16:10	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/12/11 16:10	2037-26-5	
4-Bromofluorobenzene (S)	90 %		72-122		1		05/12/11 16:10	460-00-4	
1,2-Dichloroethane-d4 (S)	95 %		80-143		1		05/12/11 16:10	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	18.7 %		0.10	0.10	1		05/11/11 16:53		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_10 12-14 Lab ID: 257591004 Collected: 05/10/11 15:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2.8	mg/kg	2.3	0.34	1	05/13/11 08:56	05/18/11 12:39	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	05/13/11 08:56	05/18/11 12:39	7440-43-9	
Lead	1.7	mg/kg	1.1	0.072	1	05/13/11 08:56	05/18/11 12:39	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	395	125	1	05/16/11 10:30	05/17/11 19:58	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	93	%	26-135		1	05/16/11 10:30	05/17/11 19:58	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.19	1		05/12/11 16:30	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		05/12/11 16:30	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		05/12/11 16:30	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.35	1		05/12/11 16:30	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.51	1		05/12/11 16:30	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		05/12/11 16:30	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.47	1		05/12/11 16:30	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.44	1		05/12/11 16:30	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		05/12/11 16:30	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.43	1		05/12/11 16:30	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.31	1		05/12/11 16:30	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	0.66	1		05/12/11 16:30	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	0.49	1		05/12/11 16:30	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.27	1		05/12/11 16:30	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		05/12/11 16:30	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		05/12/11 16:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.6	0.47	1		05/12/11 16:30	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		05/12/11 16:30	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.40	1		05/12/11 16:30	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		05/12/11 16:30	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		05/12/11 16:30	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.30	1		05/12/11 16:30	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.24	1		05/12/11 16:30	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.7	1.9	1		05/12/11 16:30	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.40	1		05/12/11 16:30	95-49-8	
2-Hexanone	ND	ug/kg	12.7	0.46	1		05/12/11 16:30	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.34	1		05/12/11 16:30	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.7	0.39	1		05/12/11 16:30	108-10-1	
Acetone	ND	ug/kg	12.7	1.4	1		05/12/11 16:30	67-64-1	
Benzene	ND	ug/kg	3.8	0.19	1		05/12/11 16:30	71-43-2	
Bromobenzene	ND	ug/kg	3.8	0.30	1		05/12/11 16:30	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		05/12/11 16:30	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		05/12/11 16:30	75-27-4	
Bromoform	ND	ug/kg	3.8	0.29	1		05/12/11 16:30	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.40	1		05/12/11 16:30	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_10 12-14 Lab ID: 257591004 Collected: 05/10/11 15:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.8	0.35	1		05/12/11 16:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		05/12/11 16:30	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		05/12/11 16:30	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.37	1		05/12/11 16:30	75-00-3	
Chloroform	ND	ug/kg	3.8	0.25	1		05/12/11 16:30	67-66-3	
Chloromethane	ND	ug/kg	3.8	0.26	1		05/12/11 16:30	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		05/12/11 16:30	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.26	1		05/12/11 16:30	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.53	1		05/12/11 16:30	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.48	1		05/12/11 16:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.38	1		05/12/11 16:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.44	1		05/12/11 16:30	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.32	1		05/12/11 16:30	1634-04-4	
Methylene chloride	ND	ug/kg	12.7	3.4	1		05/12/11 16:30	75-09-2	
Naphthalene	ND	ug/kg	3.8	0.70	1		05/12/11 16:30	91-20-3	
Styrene	ND	ug/kg	3.8	0.36	1		05/12/11 16:30	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	0.49	1		05/12/11 16:30	127-18-4	
Toluene	ND	ug/kg	3.8	0.39	1		05/12/11 16:30	108-88-3	B
Trichloroethene	ND	ug/kg	3.8	0.27	1		05/12/11 16:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		05/12/11 16:30	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	0.36	1		05/12/11 16:30	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	0.95	1		05/12/11 16:30	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.8	0.27	1		05/12/11 16:30	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.17	1		05/12/11 16:30	10061-01-5	
m&p-Xylene	ND	ug/kg	7.6	0.95	1		05/12/11 16:30	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.8	0.58	1		05/12/11 16:30	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	0.45	1		05/12/11 16:30	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.41	1		05/12/11 16:30	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	0.49	1		05/12/11 16:30	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	0.53	1		05/12/11 16:30	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.33	1		05/12/11 16:30	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.44	1		05/12/11 16:30	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		05/12/11 16:30	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.27	1		05/12/11 16:30	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104 %		80-136		1		05/12/11 16:30	1868-53-7	
Toluene-d8 (S)	97 %		80-120		1		05/12/11 16:30	2037-26-5	
4-Bromofluorobenzene (S)	87 %		72-122		1		05/12/11 16:30	460-00-4	
1,2-Dichloroethane-d4 (S)	97 %		80-143		1		05/12/11 16:30	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.8 %		0.10	0.10	1		05/11/11 16:53		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_10 14-16 Lab ID: 257591005 Collected: 05/10/11 15:03 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	20.6	mg/kg	2.4	0.36	1	05/13/11 08:56	05/18/11 12:42	7440-38-2	
Cadmium	ND	mg/kg	1.2	0.013	1	05/13/11 08:56	05/18/11 12:42	7440-43-9	
Lead	51.6	mg/kg	1.2	0.076	1	05/13/11 08:56	05/18/11 12:42	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	401	127	1	05/18/11 10:40	05/20/11 12:55	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	92	%	26-135		1	05/18/11 10:40	05/20/11 12:55	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		05/12/11 16:50	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		05/12/11 16:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		05/12/11 16:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.32	1		05/12/11 16:50	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		05/12/11 16:50	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.27	1		05/12/11 16:50	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		05/12/11 16:50	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.40	1		05/12/11 16:50	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.32	1		05/12/11 16:50	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.39	1		05/12/11 16:50	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		05/12/11 16:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.60	1		05/12/11 16:50	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.45	1		05/12/11 16:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.24	1		05/12/11 16:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		05/12/11 16:50	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		05/12/11 16:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.43	1		05/12/11 16:50	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		05/12/11 16:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.37	1		05/12/11 16:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		05/12/11 16:50	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		05/12/11 16:50	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		05/12/11 16:50	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		05/12/11 16:50	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.5	1.7	1		05/12/11 16:50	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.36	1		05/12/11 16:50	95-49-8	
2-Hexanone	ND	ug/kg	11.5	0.41	1		05/12/11 16:50	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		05/12/11 16:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.5	0.35	1		05/12/11 16:50	108-10-1	
Acetone	ND	ug/kg	11.5	1.3	1		05/12/11 16:50	67-64-1	
Benzene	ND	ug/kg	3.5	0.17	1		05/12/11 16:50	71-43-2	
Bromobenzene	ND	ug/kg	3.5	0.27	1		05/12/11 16:50	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.25	1		05/12/11 16:50	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		05/12/11 16:50	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		05/12/11 16:50	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		05/12/11 16:50	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_10 14-16 Lab ID: 257591005 Collected: 05/10/11 15:03 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.5	0.32	1		05/12/11 16:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		05/12/11 16:50	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		05/12/11 16:50	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.33	1		05/12/11 16:50	75-00-3	
Chloroform	ND	ug/kg	3.5	0.22	1		05/12/11 16:50	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		05/12/11 16:50	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		05/12/11 16:50	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		05/12/11 16:50	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.48	1		05/12/11 16:50	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.44	1		05/12/11 16:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.34	1		05/12/11 16:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.40	1		05/12/11 16:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		05/12/11 16:50	1634-04-4	
Methylene chloride	ND	ug/kg	11.5	3.0	1		05/12/11 16:50	75-09-2	
Naphthalene	ND	ug/kg	3.5	0.63	1		05/12/11 16:50	91-20-3	B
Styrene	ND	ug/kg	3.5	0.33	1		05/12/11 16:50	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.44	1		05/12/11 16:50	127-18-4	
Toluene	ND	ug/kg	3.5	0.36	1		05/12/11 16:50	108-88-3	B
Trichloroethene	ND	ug/kg	3.5	0.24	1		05/12/11 16:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.26	1		05/12/11 16:50	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.32	1		05/12/11 16:50	75-01-4	
Xylene (Total)	ND	ug/kg	10.4	0.86	1		05/12/11 16:50	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.24	1		05/12/11 16:50	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		05/12/11 16:50	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.86	1		05/12/11 16:50	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		05/12/11 16:50	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		05/12/11 16:50	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		05/12/11 16:50	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.5	0.44	1		05/12/11 16:50	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.48	1		05/12/11 16:50	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		05/12/11 16:50	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		05/12/11 16:50	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		05/12/11 16:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.24	1		05/12/11 16:50	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/12/11 16:50	1868-53-7	
Toluene-d8 (S)	97 %		80-120		1		05/12/11 16:50	2037-26-5	
4-Bromofluorobenzene (S)	91 %		72-122		1		05/12/11 16:50	460-00-4	
1,2-Dichloroethane-d4 (S)	92 %		80-143		1		05/12/11 16:50	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	18.6 %		0.10	0.10	1		05/11/11 16:54		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: Trip Blank 1 Lab ID: 257591006 Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		05/12/11 15:12	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		05/12/11 15:12	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		05/12/11 15:12	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		05/12/11 15:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		05/12/11 15:12	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		05/12/11 15:12	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		05/12/11 15:12	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		05/12/11 15:12	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		05/12/11 15:12	87-61-6	B
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		05/12/11 15:12	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		05/12/11 15:12	120-82-1	B
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		05/12/11 15:12	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		05/12/11 15:12	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		05/12/11 15:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		05/12/11 15:12	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		05/12/11 15:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		05/12/11 15:12	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		05/12/11 15:12	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		05/12/11 15:12	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		05/12/11 15:12	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		05/12/11 15:12	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		05/12/11 15:12	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		05/12/11 15:12	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		05/12/11 15:12	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		05/12/11 15:12	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		05/12/11 15:12	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		05/12/11 15:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		05/12/11 15:12	108-10-1	
Acetone	ND	ug/kg	10.0	1.1	1		05/12/11 15:12	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		05/12/11 15:12	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		05/12/11 15:12	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		05/12/11 15:12	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		05/12/11 15:12	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		05/12/11 15:12	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		05/12/11 15:12	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		05/12/11 15:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		05/12/11 15:12	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		05/12/11 15:12	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		05/12/11 15:12	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		05/12/11 15:12	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		05/12/11 15:12	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		05/12/11 15:12	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		05/12/11 15:12	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		05/12/11 15:12	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		05/12/11 15:12	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: Trip Blank 1 **Lab ID:** 257591006 Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		05/12/11 15:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		05/12/11 15:12	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		05/12/11 15:12	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	2.6	1		05/12/11 15:12	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		05/12/11 15:12	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		05/12/11 15:12	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		05/12/11 15:12	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		05/12/11 15:12	108-88-3	B
Trichloroethene	ND	ug/kg	3.0	0.21	1		05/12/11 15:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		05/12/11 15:12	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		05/12/11 15:12	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		05/12/11 15:12	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		05/12/11 15:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		05/12/11 15:12	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		05/12/11 15:12	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		05/12/11 15:12	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		05/12/11 15:12	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		05/12/11 15:12	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		05/12/11 15:12	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		05/12/11 15:12	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		05/12/11 15:12	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		05/12/11 15:12	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		05/12/11 15:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		05/12/11 15:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		80-136		1		05/12/11 15:12	1868-53-7	
Toluene-d8 (S)	97 %		80-120		1		05/12/11 15:12	2037-26-5	
4-Bromofluorobenzene (S)	91 %		72-122		1		05/12/11 15:12	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		80-143		1		05/12/11 15:12	17060-07-0	

Sample: SUP_SL_11 4-5 **Lab ID:** 257591007 Collected: 05/10/11 14:09 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	38100	mg/kg	365	54.4	100	05/13/11 08:56	05/18/11 14:12	7440-38-2	
Cadmium	139	mg/kg	9.1	0.10	5	05/13/11 08:56	05/18/11 11:43	7440-43-9	
Lead	92000	mg/kg	456	28.7	250	05/13/11 08:56	05/18/11 14:09	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	27300	8660	10	05/16/11 10:30	05/18/11 18:45	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	89 %		26-135		10	05/16/11 10:30	05/18/11 18:45	118-79-6	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 25 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 4-5 Lab ID: 257591007 Collected: 05/10/11 14:09 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.2	0.40	1		05/18/11 16:29	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	8.2	0.50	1		05/18/11 16:29	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.2	0.76	1		05/18/11 16:29	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	8.2	0.76	1		05/18/11 16:29	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	8.2	1.1	1		05/18/11 16:29	76-13-1	
1,1-Dichloroethane	ND	ug/kg	8.2	0.65	1		05/18/11 16:29	75-34-3	
1,1-Dichloroethene	ND	ug/kg	8.2	1.0	1		05/18/11 16:29	75-35-4	
1,1-Dichloropropene	ND	ug/kg	8.2	0.95	1		05/18/11 16:29	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	8.2	0.76	1		05/18/11 16:29	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	8.2	0.93	1		05/18/11 16:29	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	8.2	0.66	1		05/18/11 16:29	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	8.2	1.4	1		05/18/11 16:29	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.7	1.1	1		05/18/11 16:29	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.2	0.58	1		05/18/11 16:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	8.2	0.67	1		05/18/11 16:29	95-50-1	
1,2-Dichloroethane	ND	ug/kg	8.2	0.61	1		05/18/11 16:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	16.4	1.0	1		05/18/11 16:29	540-59-0	
1,2-Dichloropropane	ND	ug/kg	8.2	0.50	1		05/18/11 16:29	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	8.2	0.87	1		05/18/11 16:29	108-67-8	B
1,3-Dichlorobenzene	ND	ug/kg	8.2	0.52	1		05/18/11 16:29	541-73-1	
1,3-Dichloropropane	ND	ug/kg	8.2	0.76	1		05/18/11 16:29	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	8.2	0.66	1		05/18/11 16:29	106-46-7	
2,2-Dichloropropane	ND	ug/kg	8.2	0.51	1		05/18/11 16:29	594-20-7	
2-Butanone (MEK)	49.7	ug/kg	27.3	4.1	1		05/18/11 16:29	78-93-3	B
2-Chlorotoluene	ND	ug/kg	8.2	0.86	1		05/18/11 16:29	95-49-8	
2-Hexanone	ND	ug/kg	27.3	0.98	1		05/18/11 16:29	591-78-6	
4-Chlorotoluene	ND	ug/kg	8.2	0.73	1		05/18/11 16:29	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.3	0.83	1		05/18/11 16:29	108-10-1	
Acetone	230	ug/kg	27.3	3.0	1		05/18/11 16:29	67-64-1	B
Benzene	ND	ug/kg	8.2	0.41	1		05/18/11 16:29	71-43-2	B
Bromobenzene	ND	ug/kg	8.2	0.64	1		05/18/11 16:29	108-86-1	
Bromochloromethane	ND	ug/kg	8.2	0.60	1		05/18/11 16:29	74-97-5	
Bromodichloromethane	ND	ug/kg	8.2	0.32	1		05/18/11 16:29	75-27-4	
Bromoform	ND	ug/kg	8.2	0.63	1		05/18/11 16:29	75-25-2	
Bromomethane	ND	ug/kg	8.2	0.87	1		05/18/11 16:29	74-83-9	
Carbon disulfide	ND	ug/kg	8.2	0.76	1		05/18/11 16:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	8.2	0.50	1		05/18/11 16:29	56-23-5	
Chlorobenzene	ND	ug/kg	8.2	0.50	1		05/18/11 16:29	108-90-7	
Chloroethane	ND	ug/kg	8.2	0.79	1		05/18/11 16:29	75-00-3	
Chloroform	ND	ug/kg	8.2	0.53	1		05/18/11 16:29	67-66-3	
Chloromethane	ND	ug/kg	8.2	0.56	1		05/18/11 16:29	74-87-3	
Dibromochloromethane	ND	ug/kg	8.2	0.27	1		05/18/11 16:29	124-48-1	
Dibromomethane	ND	ug/kg	8.2	0.57	1		05/18/11 16:29	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	8.2	1.1	1		05/18/11 16:29	75-71-8	
Ethylbenzene	ND	ug/kg	8.2	1.0	1		05/18/11 16:29	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_11 4-5 **Lab ID:** 257591007 Collected: 05/10/11 14:09 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	8.2	0.81	1		05/18/11 16:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	8.2	0.95	1		05/18/11 16:29	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	8.2	0.68	1		05/18/11 16:29	1634-04-4	
Methylene chloride	ND	ug/kg	27.3	7.2	1		05/18/11 16:29	75-09-2	
Naphthalene	ND	ug/kg	8.2	1.5	1		05/18/11 16:29	91-20-3	B
Styrene	ND	ug/kg	8.2	0.79	1		05/18/11 16:29	100-42-5	
Tetrachloroethene	ND	ug/kg	8.2	1.0	1		05/18/11 16:29	127-18-4	
Toluene	ND	ug/kg	8.2	0.84	1		05/18/11 16:29	108-88-3	
Trichloroethene	ND	ug/kg	8.2	0.57	1		05/18/11 16:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.2	0.63	1		05/18/11 16:29	75-69-4	
Vinyl chloride	ND	ug/kg	8.2	0.76	1		05/18/11 16:29	75-01-4	
Xylene (Total)	ND	ug/kg	24.6	2.0	1		05/18/11 16:29	1330-20-7	B
cis-1,2-Dichloroethene	9.2	ug/kg	8.2	0.57	1		05/18/11 16:29	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	8.2	0.36	1		05/18/11 16:29	10061-01-5	
m&p-Xylene	ND	ug/kg	16.4	2.0	1		05/18/11 16:29	179601-23-1	B
n-Butylbenzene	ND	ug/kg	8.2	1.2	1		05/18/11 16:29	104-51-8	
n-Propylbenzene	ND	ug/kg	8.2	0.96	1		05/18/11 16:29	103-65-1	
o-Xylene	ND	ug/kg	8.2	0.89	1		05/18/11 16:29	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	8.2	1.1	1		05/18/11 16:29	99-87-6	
sec-Butylbenzene	ND	ug/kg	8.2	1.1	1		05/18/11 16:29	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	8.2	0.71	1		05/18/11 16:29	994-05-8	
tert-Butylbenzene	ND	ug/kg	8.2	0.94	1		05/18/11 16:29	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	8.2	0.82	1		05/18/11 16:29	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.2	0.57	1		05/18/11 16:29	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	80-136		1		05/18/11 16:29	1868-53-7	
Toluene-d8 (S)	102	%	80-120		1		05/18/11 16:29	2037-26-5	
4-Bromofluorobenzene (S)	107	%	72-122		1		05/18/11 16:29	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	80-143		1		05/18/11 16:29	17060-07-0	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture **52.4** % 0.10 0.10 1 05/13/11 15:48

Sample: SUP_SL_11 5-6 **Lab ID:** 257591008 Collected: 05/10/11 14:13 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	1720	mg/kg	18.1	2.7	5	05/13/11 08:56	05/18/11 11:46	7440-38-2	
Cadmium	4.6	mg/kg	1.8	0.020	1	05/13/11 08:56	05/18/11 12:53	7440-43-9	
Lead	587	mg/kg	1.8	0.11	1	05/13/11 08:56	05/18/11 12:53	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 5-6 Lab ID: 257591008 Collected: 05/10/11 14:13 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	707	224	1	05/16/11 10:30	05/17/11 21:07	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	96	%	26-135		1	05/16/11 10:30	05/17/11 21:07	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.8	0.38	1		05/18/11 16:46	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.8	0.48	1		05/18/11 16:46	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.8	0.73	1		05/18/11 16:46	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.8	0.73	1		05/18/11 16:46	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.8	1.1	1		05/18/11 16:46	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.8	0.62	1		05/18/11 16:46	75-34-3	
1,1-Dichloroethene	ND	ug/kg	7.8	0.97	1		05/18/11 16:46	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.8	0.91	1		05/18/11 16:46	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.8	0.73	1		05/18/11 16:46	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.8	0.89	1		05/18/11 16:46	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.8	0.64	1		05/18/11 16:46	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	7.8	1.4	1		05/18/11 16:46	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.1	1.0	1		05/18/11 16:46	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.8	0.55	1		05/18/11 16:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.8	0.64	1		05/18/11 16:46	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.8	0.58	1		05/18/11 16:46	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	15.7	0.97	1		05/18/11 16:46	540-59-0	
1,2-Dichloropropane	ND	ug/kg	7.8	0.47	1		05/18/11 16:46	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.8	0.83	1		05/18/11 16:46	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.8	0.50	1		05/18/11 16:46	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.8	0.73	1		05/18/11 16:46	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.8	0.63	1		05/18/11 16:46	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.8	0.49	1		05/18/11 16:46	594-20-7	
2-Butanone (MEK)	40.7	ug/kg	26.2	4.0	1		05/18/11 16:46	78-93-3	B
2-Chlorotoluene	ND	ug/kg	7.8	0.82	1		05/18/11 16:46	95-49-8	
2-Hexanone	ND	ug/kg	26.2	0.94	1		05/18/11 16:46	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.8	0.70	1		05/18/11 16:46	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26.2	0.80	1		05/18/11 16:46	108-10-1	
Acetone	150	ug/kg	26.2	2.9	1		05/18/11 16:46	67-64-1	B
Benzene	ND	ug/kg	7.8	0.39	1		05/18/11 16:46	71-43-2	B
Bromobenzene	ND	ug/kg	7.8	0.61	1		05/18/11 16:46	108-86-1	
Bromochloromethane	ND	ug/kg	7.8	0.58	1		05/18/11 16:46	74-97-5	
Bromodichloromethane	ND	ug/kg	7.8	0.31	1		05/18/11 16:46	75-27-4	
Bromoform	ND	ug/kg	7.8	0.61	1		05/18/11 16:46	75-25-2	
Bromomethane	ND	ug/kg	7.8	0.83	1		05/18/11 16:46	74-83-9	
Carbon disulfide	ND	ug/kg	7.8	0.73	1		05/18/11 16:46	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.8	0.47	1		05/18/11 16:46	56-23-5	
Chlorobenzene	ND	ug/kg	7.8	0.48	1		05/18/11 16:46	108-90-7	
Chloroethane	ND	ug/kg	7.8	0.76	1		05/18/11 16:46	75-00-3	
Chloroform	ND	ug/kg	7.8	0.51	1		05/18/11 16:46	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 5-6 **Lab ID:** 257591008 Collected: 05/10/11 14:13 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	7.8	0.54	1		05/18/11 16:46	74-87-3	
Dibromochloromethane	ND	ug/kg	7.8	0.26	1		05/18/11 16:46	124-48-1	
Dibromomethane	ND	ug/kg	7.8	0.55	1		05/18/11 16:46	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.8	1.1	1		05/18/11 16:46	75-71-8	
Ethylbenzene	ND	ug/kg	7.8	0.99	1		05/18/11 16:46	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	7.8	0.78	1		05/18/11 16:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.8	0.91	1		05/18/11 16:46	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.8	0.65	1		05/18/11 16:46	1634-04-4	
Methylene chloride	ND	ug/kg	26.2	6.9	1		05/18/11 16:46	75-09-2	
Naphthalene	ND	ug/kg	7.8	1.4	1		05/18/11 16:46	91-20-3	B
Styrene	ND	ug/kg	7.8	0.75	1		05/18/11 16:46	100-42-5	
Tetrachloroethene	ND	ug/kg	7.8	1.0	1		05/18/11 16:46	127-18-4	
Toluene	ND	ug/kg	7.8	0.81	1		05/18/11 16:46	108-88-3	
Trichloroethene	ND	ug/kg	7.8	0.55	1		05/18/11 16:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.8	0.60	1		05/18/11 16:46	75-69-4	
Vinyl chloride	ND	ug/kg	7.8	0.73	1		05/18/11 16:46	75-01-4	
Xylene (Total)	ND	ug/kg	23.5	2.0	1		05/18/11 16:46	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	7.8	0.55	1		05/18/11 16:46	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.8	0.34	1		05/18/11 16:46	10061-01-5	
m&p-Xylene	ND	ug/kg	15.7	2.0	1		05/18/11 16:46	179601-23-1	B
n-Butylbenzene	ND	ug/kg	7.8	1.2	1		05/18/11 16:46	104-51-8	
n-Propylbenzene	ND	ug/kg	7.8	0.92	1		05/18/11 16:46	103-65-1	
o-Xylene	ND	ug/kg	7.8	0.85	1		05/18/11 16:46	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	7.8	1.0	1		05/18/11 16:46	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.8	1.1	1		05/18/11 16:46	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.8	0.68	1		05/18/11 16:46	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.8	0.90	1		05/18/11 16:46	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.8	0.78	1		05/18/11 16:46	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.8	0.55	1		05/18/11 16:46	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/18/11 16:46	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/18/11 16:46	2037-26-5	
4-Bromofluorobenzene (S)	105 %		72-122		1		05/18/11 16:46	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		80-143		1		05/18/11 16:46	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	54.6 %		0.10	0.10	1		05/13/11 15:49		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 6-8 Lab ID: 257591009 Collected: 05/10/11 14:22 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	950	mg/kg	16.9	2.5	5	05/13/11 08:56	05/18/11 11:49	7440-38-2	
Cadmium	ND	mg/kg	8.4	0.093	5	05/13/11 08:56	05/18/11 11:49	7440-43-9	
Lead	556	mg/kg	1.7	0.11	1	05/13/11 08:56	05/18/11 12:56	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	673	213	1	05/16/11 10:30	05/17/11 21:29	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79	%	26-135		1	05/16/11 10:30	05/17/11 21:29	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	0.30	1		05/23/11 09:08	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.1	0.37	1		05/23/11 09:08	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	0.56	1		05/23/11 09:08	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.1	0.56	1		05/23/11 09:08	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.1	0.82	1		05/23/11 09:08	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.1	0.48	1		05/23/11 09:08	75-34-3	
1,1-Dichloroethene	ND	ug/kg	6.1	0.75	1		05/23/11 09:08	75-35-4	
1,1-Dichloropropene	ND	ug/kg	6.1	0.71	1		05/23/11 09:08	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	0.56	1		05/23/11 09:08	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	6.1	0.69	1		05/23/11 09:08	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	0.49	1		05/23/11 09:08	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	1.0	1		05/23/11 09:08	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.1	0.79	1		05/23/11 09:08	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	0.43	1		05/23/11 09:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.1	0.50	1		05/23/11 09:08	95-50-1	
1,2-Dichloroethane	ND	ug/kg	6.1	0.45	1		05/23/11 09:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	12.2	0.75	1		05/23/11 09:08	540-59-0	
1,2-Dichloropropane	ND	ug/kg	6.1	0.37	1		05/23/11 09:08	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	0.65	1		05/23/11 09:08	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	6.1	0.39	1		05/23/11 09:08	541-73-1	
1,3-Dichloropropane	ND	ug/kg	6.1	0.56	1		05/23/11 09:08	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	6.1	0.49	1		05/23/11 09:08	106-46-7	
2,2-Dichloropropane	ND	ug/kg	6.1	0.38	1		05/23/11 09:08	594-20-7	
2-Butanone (MEK)	33.8	ug/kg	20.3	3.1	1		05/23/11 09:08	78-93-3	
2-Chlorotoluene	ND	ug/kg	6.1	0.64	1		05/23/11 09:08	95-49-8	
2-Hexanone	ND	ug/kg	20.3	0.73	1		05/23/11 09:08	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.1	0.54	1		05/23/11 09:08	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.3	0.62	1		05/23/11 09:08	108-10-1	
Acetone	126	ug/kg	20.3	2.2	1		05/23/11 09:08	67-64-1	
Benzene	ND	ug/kg	6.1	0.30	1		05/23/11 09:08	71-43-2	B
Bromobenzene	ND	ug/kg	6.1	0.47	1		05/23/11 09:08	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	0.45	1		05/23/11 09:08	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	0.24	1		05/23/11 09:08	75-27-4	
Bromoform	ND	ug/kg	6.1	0.47	1		05/23/11 09:08	75-25-2	
Bromomethane	ND	ug/kg	6.1	0.64	1		05/23/11 09:08	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 6-8 Lab ID: 257591009 Collected: 05/10/11 14:22 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	6.1	0.56	1		05/23/11 09:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.1	0.37	1		05/23/11 09:08	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	0.37	1		05/23/11 09:08	108-90-7	
Chloroethane	ND	ug/kg	6.1	0.59	1		05/23/11 09:08	75-00-3	
Chloroform	ND	ug/kg	6.1	0.39	1		05/23/11 09:08	67-66-3	
Chloromethane	ND	ug/kg	6.1	0.42	1		05/23/11 09:08	74-87-3	
Dibromochloromethane	ND	ug/kg	6.1	0.20	1		05/23/11 09:08	124-48-1	
Dibromomethane	ND	ug/kg	6.1	0.42	1		05/23/11 09:08	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.1	0.84	1		05/23/11 09:08	75-71-8	
Ethylbenzene	ND	ug/kg	6.1	0.77	1		05/23/11 09:08	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	0.60	1		05/23/11 09:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	0.70	1		05/23/11 09:08	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.1	0.51	1		05/23/11 09:08	1634-04-4	
Methylene chloride	ND	ug/kg	20.3	5.3	1		05/23/11 09:08	75-09-2	
Naphthalene	ND	ug/kg	6.1	1.1	1		05/23/11 09:08	91-20-3	B
Styrene	ND	ug/kg	6.1	0.58	1		05/23/11 09:08	100-42-5	
Tetrachloroethene	ND	ug/kg	6.1	0.77	1		05/23/11 09:08	127-18-4	
Toluene	ND	ug/kg	6.1	0.62	1		05/23/11 09:08	108-88-3	
Trichloroethene	ND	ug/kg	6.1	0.43	1		05/23/11 09:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	0.46	1		05/23/11 09:08	75-69-4	
Vinyl chloride	ND	ug/kg	6.1	0.57	1		05/23/11 09:08	75-01-4	
Xylene (Total)	ND	ug/kg	18.2	1.5	1		05/23/11 09:08	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	6.1	0.42	1		05/23/11 09:08	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	0.26	1		05/23/11 09:08	10061-01-5	
m&p-Xylene	ND	ug/kg	12.2	1.5	1		05/23/11 09:08	179601-23-1	B
n-Butylbenzene	ND	ug/kg	6.1	0.93	1		05/23/11 09:08	104-51-8	
n-Propylbenzene	ND	ug/kg	6.1	0.71	1		05/23/11 09:08	103-65-1	
o-Xylene	ND	ug/kg	6.1	0.66	1		05/23/11 09:08	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	6.1	0.78	1		05/23/11 09:08	99-87-6	
sec-Butylbenzene	ND	ug/kg	6.1	0.85	1		05/23/11 09:08	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	6.1	0.52	1		05/23/11 09:08	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.1	0.70	1		05/23/11 09:08	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	0.61	1		05/23/11 09:08	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	0.43	1		05/23/11 09:08	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 09:08	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/23/11 09:08	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 09:08	460-00-4	
1,2-Dichloroethane-d4 (S)	100 %		80-143		1		05/23/11 09:08	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	51.9 %		0.10	0.10	1		05/13/11 15:50		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 8-10 Lab ID: 257591010 Collected: 05/10/11 14:28 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	342	mg/kg	10.4	1.5	5	05/13/11 08:56	05/18/11 11:52	7440-38-2	
Cadmium	ND	mg/kg	5.2	0.057	5	05/13/11 08:56	05/18/11 11:52	7440-43-9	
Lead	65.3	mg/kg	1.0	0.065	1	05/13/11 08:56	05/18/11 12:59	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	488	155	1	05/16/11 10:30	05/17/11 21:52	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	83	%	26-135		1	05/16/11 10:30	05/17/11 21:52	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	0.21	1		05/12/11 18:08	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.4	0.27	1		05/12/11 18:08	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	0.40	1		05/12/11 18:08	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.4	0.41	1		05/12/11 18:08	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	0.59	1		05/12/11 18:08	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.4	0.34	1		05/12/11 18:08	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.4	0.54	1		05/12/11 18:08	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.4	0.51	1		05/12/11 18:08	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	0.40	1		05/12/11 18:08	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.4	0.50	1		05/12/11 18:08	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	0.35	1		05/12/11 18:08	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	0.75	1		05/12/11 18:08	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	0.57	1		05/12/11 18:08	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	0.31	1		05/12/11 18:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	0.36	1		05/12/11 18:08	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.4	0.32	1		05/12/11 18:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.7	0.54	1		05/12/11 18:08	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.4	0.26	1		05/12/11 18:08	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	0.46	1		05/12/11 18:08	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.4	0.28	1		05/12/11 18:08	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.4	0.40	1		05/12/11 18:08	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.4	0.35	1		05/12/11 18:08	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.4	0.27	1		05/12/11 18:08	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.5	2.2	1		05/12/11 18:08	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.4	0.46	1		05/12/11 18:08	95-49-8	
2-Hexanone	ND	ug/kg	14.5	0.52	1		05/12/11 18:08	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.4	0.39	1		05/12/11 18:08	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.5	0.44	1		05/12/11 18:08	108-10-1	
Acetone	19.7	ug/kg	14.5	1.6	1		05/12/11 18:08	67-64-1	
Benzene	ND	ug/kg	4.4	0.22	1		05/12/11 18:08	71-43-2	
Bromobenzene	ND	ug/kg	4.4	0.34	1		05/12/11 18:08	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	0.32	1		05/12/11 18:08	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	0.17	1		05/12/11 18:08	75-27-4	
Bromoform	ND	ug/kg	4.4	0.34	1		05/12/11 18:08	75-25-2	
Bromomethane	ND	ug/kg	4.4	0.46	1		05/12/11 18:08	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 8-10 Lab ID: 257591010 Collected: 05/10/11 14:28 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	4.4	0.41	1		05/12/11 18:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	0.26	1		05/12/11 18:08	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	0.27	1		05/12/11 18:08	108-90-7	
Chloroethane	ND	ug/kg	4.4	0.42	1		05/12/11 18:08	75-00-3	
Chloroform	ND	ug/kg	4.4	0.28	1		05/12/11 18:08	67-66-3	
Chloromethane	ND	ug/kg	4.4	0.30	1		05/12/11 18:08	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	0.15	1		05/12/11 18:08	124-48-1	
Dibromomethane	ND	ug/kg	4.4	0.30	1		05/12/11 18:08	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.4	0.60	1		05/12/11 18:08	75-71-8	
Ethylbenzene	ND	ug/kg	4.4	0.55	1		05/12/11 18:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	0.43	1		05/12/11 18:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	0.50	1		05/12/11 18:08	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	0.36	1		05/12/11 18:08	1634-04-4	
Methylene chloride	ND	ug/kg	14.5	3.8	1		05/12/11 18:08	75-09-2	
Naphthalene	ND	ug/kg	4.4	0.80	1		05/12/11 18:08	91-20-3	
Styrene	ND	ug/kg	4.4	0.42	1		05/12/11 18:08	100-42-5	
Tetrachloroethene	ND	ug/kg	4.4	0.56	1		05/12/11 18:08	127-18-4	
Toluene	ND	ug/kg	4.4	0.45	1		05/12/11 18:08	108-88-3	B
Trichloroethene	ND	ug/kg	4.4	0.31	1		05/12/11 18:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	0.33	1		05/12/11 18:08	75-69-4	
Vinyl chloride	ND	ug/kg	4.4	0.41	1		05/12/11 18:08	75-01-4	
Xylene (Total)	ND	ug/kg	13.1	1.1	1		05/12/11 18:08	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.4	0.30	1		05/12/11 18:08	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	0.19	1		05/12/11 18:08	10061-01-5	
m&p-Xylene	ND	ug/kg	8.7	1.1	1		05/12/11 18:08	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.4	0.67	1		05/12/11 18:08	104-51-8	
n-Propylbenzene	ND	ug/kg	4.4	0.51	1		05/12/11 18:08	103-65-1	
o-Xylene	ND	ug/kg	4.4	0.47	1		05/12/11 18:08	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.4	0.56	1		05/12/11 18:08	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.4	0.61	1		05/12/11 18:08	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.4	0.38	1		05/12/11 18:08	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.4	0.50	1		05/12/11 18:08	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	0.44	1		05/12/11 18:08	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	0.31	1		05/12/11 18:08	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		80-136		1		05/12/11 18:08	1868-53-7	
Toluene-d8 (S)	94 %		80-120		1		05/12/11 18:08	2037-26-5	
4-Bromofluorobenzene (S)	88 %		72-122		1		05/12/11 18:08	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		80-143		1		05/12/11 18:08	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	33.5 %		0.10	0.10	1		05/13/11 15:51		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 10-12 **Lab ID:** 257591011 Collected: 05/10/11 14:32 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	388	mg/kg	10.4	1.5	5	05/13/11 08:56	05/18/11 11:55	7440-38-2	
Cadmium	ND	mg/kg	5.2	0.057	5	05/13/11 08:56	05/18/11 11:55	7440-43-9	
Lead	24.1	mg/kg	1.0	0.065	1	05/13/11 08:56	05/18/11 13:02	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	431	137	1	05/16/11 10:30	05/17/11 22:15	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	88	%	26-135		1	05/16/11 10:30	05/17/11 22:15	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		05/12/11 18:28	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.22	1		05/12/11 18:28	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.33	1		05/12/11 18:28	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.33	1		05/12/11 18:28	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.48	1		05/12/11 18:28	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.28	1		05/12/11 18:28	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.44	1		05/12/11 18:28	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.41	1		05/12/11 18:28	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.33	1		05/12/11 18:28	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		05/12/11 18:28	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.29	1		05/12/11 18:28	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.61	1		05/12/11 18:28	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	0.46	1		05/12/11 18:28	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.25	1		05/12/11 18:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		05/12/11 18:28	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		05/12/11 18:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.1	0.44	1		05/12/11 18:28	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		05/12/11 18:28	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.38	1		05/12/11 18:28	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		05/12/11 18:28	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.33	1		05/12/11 18:28	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		05/12/11 18:28	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		05/12/11 18:28	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.8	1.8	1		05/12/11 18:28	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.37	1		05/12/11 18:28	95-49-8	
2-Hexanone	ND	ug/kg	11.8	0.42	1		05/12/11 18:28	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		05/12/11 18:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.8	0.36	1		05/12/11 18:28	108-10-1	
Acetone	ND	ug/kg	11.8	1.3	1		05/12/11 18:28	67-64-1	
Benzene	ND	ug/kg	3.5	0.18	1		05/12/11 18:28	71-43-2	
Bromobenzene	ND	ug/kg	3.5	0.28	1		05/12/11 18:28	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		05/12/11 18:28	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		05/12/11 18:28	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		05/12/11 18:28	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		05/12/11 18:28	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 10-12 Lab ID: 257591011 Collected: 05/10/11 14:32 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.5	0.33	1		05/12/11 18:28	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		05/12/11 18:28	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.22	1		05/12/11 18:28	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.34	1		05/12/11 18:28	75-00-3	
Chloroform	ND	ug/kg	3.5	0.23	1		05/12/11 18:28	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		05/12/11 18:28	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		05/12/11 18:28	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.25	1		05/12/11 18:28	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.49	1		05/12/11 18:28	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.45	1		05/12/11 18:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.35	1		05/12/11 18:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.41	1		05/12/11 18:28	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		05/12/11 18:28	1634-04-4	
Methylene chloride	ND	ug/kg	11.8	3.1	1		05/12/11 18:28	75-09-2	
Naphthalene	ND	ug/kg	3.5	0.65	1		05/12/11 18:28	91-20-3	
Styrene	ND	ug/kg	3.5	0.34	1		05/12/11 18:28	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.45	1		05/12/11 18:28	127-18-4	
Toluene	ND	ug/kg	3.5	0.36	1		05/12/11 18:28	108-88-3	B
Trichloroethene	ND	ug/kg	3.5	0.25	1		05/12/11 18:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		05/12/11 18:28	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.33	1		05/12/11 18:28	75-01-4	
Xylene (Total)	ND	ug/kg	10.6	0.88	1		05/12/11 18:28	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.25	1		05/12/11 18:28	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		05/12/11 18:28	10061-01-5	
m&p-Xylene	ND	ug/kg	7.1	0.88	1		05/12/11 18:28	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.5	0.54	1		05/12/11 18:28	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.42	1		05/12/11 18:28	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		05/12/11 18:28	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.5	0.45	1		05/12/11 18:28	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.49	1		05/12/11 18:28	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.31	1		05/12/11 18:28	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.41	1		05/12/11 18:28	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		05/12/11 18:28	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.25	1		05/12/11 18:28	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		80-136		1		05/12/11 18:28	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/12/11 18:28	2037-26-5	
4-Bromofluorobenzene (S)	99 %		72-122		1		05/12/11 18:28	460-00-4	
1,2-Dichloroethane-d4 (S)	94 %		80-143		1		05/12/11 18:28	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.8 %		0.10	0.10	1		05/13/11 15:53		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 12-14 Lab ID: 257591012 Collected: 05/10/11 14:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	75.6	mg/kg	2.1	0.32	1	05/13/11 08:56	05/18/11 13:05	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	05/13/11 08:56	05/18/11 13:05	7440-43-9	
Lead	1.9	mg/kg	1.1	0.067	1	05/13/11 08:56	05/18/11 13:05	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	400	127	1	05/16/11 10:30	05/17/11 22:38	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	85	%	26-135		1	05/16/11 10:30	05/17/11 22:38	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		05/12/11 18:47	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		05/12/11 18:47	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		05/12/11 18:47	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		05/12/11 18:47	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		05/12/11 18:47	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		05/12/11 18:47	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		05/12/11 18:47	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		05/12/11 18:47	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		05/12/11 18:47	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		05/12/11 18:47	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		05/12/11 18:47	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		05/12/11 18:47	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.44	1		05/12/11 18:47	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		05/12/11 18:47	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		05/12/11 18:47	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		05/12/11 18:47	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.8	0.42	1		05/12/11 18:47	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		05/12/11 18:47	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		05/12/11 18:47	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		05/12/11 18:47	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		05/12/11 18:47	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		05/12/11 18:47	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/12/11 18:47	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.3	1.7	1		05/12/11 18:47	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		05/12/11 18:47	95-49-8	
2-Hexanone	ND	ug/kg	11.3	0.41	1		05/12/11 18:47	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		05/12/11 18:47	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.3	0.34	1		05/12/11 18:47	108-10-1	
Acetone	11.4	ug/kg	11.3	1.2	1		05/12/11 18:47	67-64-1	
Benzene	ND	ug/kg	3.4	0.17	1		05/12/11 18:47	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.27	1		05/12/11 18:47	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		05/12/11 18:47	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		05/12/11 18:47	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		05/12/11 18:47	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		05/12/11 18:47	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 12-14 **Lab ID:** 257591012 Collected: 05/10/11 14:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.4	0.32	1		05/12/11 18:47	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		05/12/11 18:47	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		05/12/11 18:47	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		05/12/11 18:47	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		05/12/11 18:47	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		05/12/11 18:47	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		05/12/11 18:47	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		05/12/11 18:47	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		05/12/11 18:47	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		05/12/11 18:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		05/12/11 18:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		05/12/11 18:47	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		05/12/11 18:47	1634-04-4	
Methylene chloride	ND	ug/kg	11.3	3.0	1		05/12/11 18:47	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.62	1		05/12/11 18:47	91-20-3	
Styrene	ND	ug/kg	3.4	0.33	1		05/12/11 18:47	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		05/12/11 18:47	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		05/12/11 18:47	108-88-3	B
Trichloroethene	ND	ug/kg	3.4	0.24	1		05/12/11 18:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		05/12/11 18:47	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		05/12/11 18:47	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	0.85	1		05/12/11 18:47	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		05/12/11 18:47	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		05/12/11 18:47	10061-01-5	
m&p-Xylene	ND	ug/kg	6.8	0.85	1		05/12/11 18:47	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		05/12/11 18:47	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		05/12/11 18:47	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		05/12/11 18:47	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		05/12/11 18:47	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		05/12/11 18:47	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		05/12/11 18:47	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		05/12/11 18:47	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		05/12/11 18:47	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		05/12/11 18:47	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104 %		80-136		1		05/12/11 18:47	1868-53-7	
Toluene-d8 (S)	101 %		80-120		1		05/12/11 18:47	2037-26-5	
4-Bromofluorobenzene (S)	91 %		72-122		1		05/12/11 18:47	460-00-4	
1,2-Dichloroethane-d4 (S)	93 %		80-143		1		05/12/11 18:47	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.8 %		0.10	0.10	1		05/13/11 15:53		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_11 14-16 Lab ID: 257591013 Collected: 05/10/11 14:42 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	80.6	mg/kg	2.3	0.34	1	05/13/11 08:56	05/18/11 13:08	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	05/13/11 08:56	05/18/11 13:08	7440-43-9	
Lead	94.6	mg/kg	1.1	0.071	1	05/13/11 08:56	05/18/11 13:08	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	384	122	1	05/16/11 10:30	05/17/11 23:01	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	88	%	26-135		1	05/16/11 10:30	05/17/11 23:01	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.16	1		05/12/11 19:07	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.20	1		05/12/11 19:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.30	1		05/12/11 19:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.30	1		05/12/11 19:07	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.43	1		05/12/11 19:07	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.25	1		05/12/11 19:07	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.40	1		05/12/11 19:07	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.2	0.37	1		05/12/11 19:07	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.30	1		05/12/11 19:07	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.36	1		05/12/11 19:07	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		05/12/11 19:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.55	1		05/12/11 19:07	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	0.42	1		05/12/11 19:07	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.22	1		05/12/11 19:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		05/12/11 19:07	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.24	1		05/12/11 19:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.4	0.40	1		05/12/11 19:07	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.19	1		05/12/11 19:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		05/12/11 19:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.20	1		05/12/11 19:07	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.30	1		05/12/11 19:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		05/12/11 19:07	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		05/12/11 19:07	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.7	1.6	1		05/12/11 19:07	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.34	1		05/12/11 19:07	95-49-8	
2-Hexanone	ND	ug/kg	10.7	0.38	1		05/12/11 19:07	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.28	1		05/12/11 19:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.7	0.32	1		05/12/11 19:07	108-10-1	
Acetone	ND	ug/kg	10.7	1.2	1		05/12/11 19:07	67-64-1	
Benzene	ND	ug/kg	3.2	0.16	1		05/12/11 19:07	71-43-2	
Bromobenzene	ND	ug/kg	3.2	0.25	1		05/12/11 19:07	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.23	1		05/12/11 19:07	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.13	1		05/12/11 19:07	75-27-4	
Bromoform	ND	ug/kg	3.2	0.25	1		05/12/11 19:07	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		05/12/11 19:07	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 14-16 Lab ID: 257591013 Collected: 05/10/11 14:42 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.2	0.30	1		05/12/11 19:07	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.2	0.19	1		05/12/11 19:07	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.19	1		05/12/11 19:07	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.31	1		05/12/11 19:07	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		05/12/11 19:07	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		05/12/11 19:07	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		05/12/11 19:07	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.22	1		05/12/11 19:07	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.44	1		05/12/11 19:07	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.40	1		05/12/11 19:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.32	1		05/12/11 19:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		05/12/11 19:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.27	1		05/12/11 19:07	1634-04-4	
Methylene chloride	ND	ug/kg	10.7	2.8	1		05/12/11 19:07	75-09-2	
Naphthalene	ND	ug/kg	3.2	0.58	1		05/12/11 19:07	91-20-3	
Styrene	ND	ug/kg	3.2	0.31	1		05/12/11 19:07	100-42-5	
Tetrachloroethene	ND	ug/kg	3.2	0.41	1		05/12/11 19:07	127-18-4	
Toluene	ND	ug/kg	3.2	0.33	1		05/12/11 19:07	108-88-3	B
Trichloroethene	ND	ug/kg	3.2	0.22	1		05/12/11 19:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.24	1		05/12/11 19:07	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		05/12/11 19:07	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	0.80	1		05/12/11 19:07	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.22	1		05/12/11 19:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		05/12/11 19:07	10061-01-5	
m&p-Xylene	ND	ug/kg	6.4	0.80	1		05/12/11 19:07	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.2	0.49	1		05/12/11 19:07	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.38	1		05/12/11 19:07	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.35	1		05/12/11 19:07	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.2	0.41	1		05/12/11 19:07	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.45	1		05/12/11 19:07	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.28	1		05/12/11 19:07	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.37	1		05/12/11 19:07	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		05/12/11 19:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.22	1		05/12/11 19:07	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/12/11 19:07	1868-53-7	
Toluene-d8 (S)	101 %		80-120		1		05/12/11 19:07	2037-26-5	
4-Bromofluorobenzene (S)	95 %		72-122		1		05/12/11 19:07	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		80-143		1		05/12/11 19:07	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	14.2 %		0.10	0.10	1		05/13/11 15:54		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 Dup Lab ID: 257591014 Collected: 05/10/11 14:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1270	mg/kg	23.0	3.4	5	05/13/11 08:56	05/18/11 12:04	7440-38-2	
Cadmium	3.1	mg/kg	2.3	0.025	1	05/13/11 08:56	05/18/11 13:11	7440-43-9	
Lead	548	mg/kg	2.3	0.15	1	05/13/11 08:56	05/18/11 13:11	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	784	249	1	05/16/11 10:30	05/18/11 14:29	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	91	%	26-135		1	05/16/11 10:30	05/18/11 14:29	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.7	0.38	1		05/12/11 19:27	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.7	0.47	1		05/12/11 19:27	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.7	0.71	1		05/12/11 19:27	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.7	0.72	1		05/12/11 19:27	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.7	1.0	1		05/12/11 19:27	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.7	0.61	1		05/12/11 19:27	75-34-3	
1,1-Dichloroethene	ND	ug/kg	7.7	0.95	1		05/12/11 19:27	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.7	0.90	1		05/12/11 19:27	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.7	0.72	1		05/12/11 19:27	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.7	0.88	1		05/12/11 19:27	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.7	0.63	1		05/12/11 19:27	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	7.7	1.3	1		05/12/11 19:27	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.9	1.0	1		05/12/11 19:27	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.7	0.54	1		05/12/11 19:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.7	0.63	1		05/12/11 19:27	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.7	0.57	1		05/12/11 19:27	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	15.4	0.95	1		05/12/11 19:27	540-59-0	
1,2-Dichloropropane	ND	ug/kg	7.7	0.47	1		05/12/11 19:27	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.7	0.82	1		05/12/11 19:27	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.7	0.49	1		05/12/11 19:27	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.7	0.71	1		05/12/11 19:27	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.7	0.62	1		05/12/11 19:27	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.7	0.48	1		05/12/11 19:27	594-20-7	
2-Butanone (MEK)	39.5	ug/kg	25.7	3.9	1		05/12/11 19:27	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.7	0.81	1		05/12/11 19:27	95-49-8	
2-Hexanone	ND	ug/kg	25.7	0.93	1		05/12/11 19:27	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.7	0.68	1		05/12/11 19:27	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.7	0.78	1		05/12/11 19:27	108-10-1	
Acetone	114	ug/kg	25.7	2.8	1		05/12/11 19:27	67-64-1	
Benzene	ND	ug/kg	7.7	0.39	1		05/12/11 19:27	71-43-2	
Bromobenzene	ND	ug/kg	7.7	0.60	1		05/12/11 19:27	108-86-1	
Bromochloromethane	ND	ug/kg	7.7	0.57	1		05/12/11 19:27	74-97-5	
Bromodichloromethane	ND	ug/kg	7.7	0.30	1		05/12/11 19:27	75-27-4	
Bromoform	ND	ug/kg	7.7	0.60	1		05/12/11 19:27	75-25-2	
Bromomethane	ND	ug/kg	7.7	0.82	1		05/12/11 19:27	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_11 Dup Lab ID: 257591014 Collected: 05/10/11 14:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	7.7	0.72	1		05/12/11 19:27	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.7	0.47	1		05/12/11 19:27	56-23-5	
Chlorobenzene	ND	ug/kg	7.7	0.47	1		05/12/11 19:27	108-90-7	
Chloroethane	ND	ug/kg	7.7	0.74	1		05/12/11 19:27	75-00-3	
Chloroform	ND	ug/kg	7.7	0.50	1		05/12/11 19:27	67-66-3	
Chloromethane	ND	ug/kg	7.7	0.53	1		05/12/11 19:27	74-87-3	
Dibromochloromethane	ND	ug/kg	7.7	0.26	1		05/12/11 19:27	124-48-1	
Dibromomethane	ND	ug/kg	7.7	0.54	1		05/12/11 19:27	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.7	1.1	1		05/12/11 19:27	75-71-8	
Ethylbenzene	ND	ug/kg	7.7	0.98	1		05/12/11 19:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.7	0.76	1		05/12/11 19:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.7	0.89	1		05/12/11 19:27	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.7	0.64	1		05/12/11 19:27	1634-04-4	
Methylene chloride	ND	ug/kg	25.7	6.8	1		05/12/11 19:27	75-09-2	
Naphthalene	ND	ug/kg	7.7	1.4	1		05/12/11 19:27	91-20-3	
Styrene	ND	ug/kg	7.7	0.74	1		05/12/11 19:27	100-42-5	
Tetrachloroethene	ND	ug/kg	7.7	0.98	1		05/12/11 19:27	127-18-4	
Toluene	ND	ug/kg	7.7	0.79	1		05/12/11 19:27	108-88-3	B
Trichloroethene	ND	ug/kg	7.7	0.54	1		05/12/11 19:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.7	0.59	1		05/12/11 19:27	75-69-4	
Vinyl chloride	ND	ug/kg	7.7	0.72	1		05/12/11 19:27	75-01-4	
Xylene (Total)	ND	ug/kg	23.2	1.9	1		05/12/11 19:27	1330-20-7	B
cis-1,2-Dichloroethene	8.4	ug/kg	7.7	0.54	1		05/12/11 19:27	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.7	0.34	1		05/12/11 19:27	10061-01-5	
m&p-Xylene	ND	ug/kg	15.4	1.9	1		05/12/11 19:27	179601-23-1	B
n-Butylbenzene	ND	ug/kg	7.7	1.2	1		05/12/11 19:27	104-51-8	
n-Propylbenzene	ND	ug/kg	7.7	0.91	1		05/12/11 19:27	103-65-1	
o-Xylene	ND	ug/kg	7.7	0.84	1		05/12/11 19:27	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	7.7	0.99	1		05/12/11 19:27	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.7	1.1	1		05/12/11 19:27	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.7	0.67	1		05/12/11 19:27	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.7	0.89	1		05/12/11 19:27	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.7	0.77	1		05/12/11 19:27	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.7	0.54	1		05/12/11 19:27	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	80-136		1		05/12/11 19:27	1868-53-7	
Toluene-d8 (S)	102	%	80-120		1		05/12/11 19:27	2037-26-5	
4-Bromofluorobenzene (S)	106	%	72-122		1		05/12/11 19:27	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	80-143		1		05/12/11 19:27	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	58.2	%	0.10	0.10	1		05/13/11 15:55		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 3-4 Lab ID: 257591015 Collected: 05/10/11 11:12 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4300	mg/kg	74.7	11.1	25	05/13/11 08:56	05/18/11 14:15	7440-38-2	
Cadmium	14.7	mg/kg	7.5	0.082	5	05/13/11 08:56	05/18/11 12:07	7440-43-9	
Lead	16100	mg/kg	37.4	2.4	25	05/13/11 08:56	05/18/11 14:15	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	3950	ug/kg	536	170	1	05/16/11 10:30	05/18/11 18:22	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	71	%	26-135		1	05/16/11 10:30	05/18/11 18:22	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	0.29	1		05/23/11 09:42	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.0	0.36	1		05/23/11 09:42	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	0.55	1		05/23/11 09:42	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.0	0.55	1		05/23/11 09:42	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.0	0.80	1		05/23/11 09:42	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.0	0.47	1		05/23/11 09:42	75-34-3	
1,1-Dichloroethene	ND	ug/kg	6.0	0.74	1		05/23/11 09:42	75-35-4	
1,1-Dichloropropene	ND	ug/kg	6.0	0.69	1		05/23/11 09:42	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	0.55	1		05/23/11 09:42	87-61-6	M1
1,2,3-Trichloropropane	ND	ug/kg	6.0	0.68	1		05/23/11 09:42	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	0.48	1		05/23/11 09:42	120-82-1	M1
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1.0	1		05/23/11 09:42	95-63-6	B,M1
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.9	0.78	1		05/23/11 09:42	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	0.42	1		05/23/11 09:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.0	0.49	1		05/23/11 09:42	95-50-1	M1
1,2-Dichloroethane	ND	ug/kg	6.0	0.44	1		05/23/11 09:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.9	0.74	1		05/23/11 09:42	540-59-0	
1,2-Dichloropropane	ND	ug/kg	6.0	0.36	1		05/23/11 09:42	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	0.63	1		05/23/11 09:42	108-67-8	M1
1,3-Dichlorobenzene	ND	ug/kg	6.0	0.38	1		05/23/11 09:42	541-73-1	M1
1,3-Dichloropropane	ND	ug/kg	6.0	0.55	1		05/23/11 09:42	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	6.0	0.48	1		05/23/11 09:42	106-46-7	M1
2,2-Dichloropropane	ND	ug/kg	6.0	0.37	1		05/23/11 09:42	594-20-7	
2-Butanone (MEK)	34.4	ug/kg	19.9	3.0	1		05/23/11 09:42	78-93-3	
2-Chlorotoluene	ND	ug/kg	6.0	0.63	1		05/23/11 09:42	95-49-8	
2-Hexanone	ND	ug/kg	19.9	0.72	1		05/23/11 09:42	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.0	0.53	1		05/23/11 09:42	106-43-4	M1
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.9	0.61	1		05/23/11 09:42	108-10-1	
Acetone	129	ug/kg	19.9	2.2	1		05/23/11 09:42	67-64-1	M1
Benzene	ND	ug/kg	6.0	0.30	1		05/23/11 09:42	71-43-2	B
Bromobenzene	ND	ug/kg	6.0	0.47	1		05/23/11 09:42	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	0.44	1		05/23/11 09:42	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	0.23	1		05/23/11 09:42	75-27-4	
Bromoform	ND	ug/kg	6.0	0.46	1		05/23/11 09:42	75-25-2	
Bromomethane	ND	ug/kg	6.0	0.63	1		05/23/11 09:42	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 3-4 Lab ID: 257591015 Collected: 05/10/11 11:12 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	6.0	0.55	1		05/23/11 09:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.0	0.36	1		05/23/11 09:42	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	0.36	1		05/23/11 09:42	108-90-7	
Chloroethane	ND	ug/kg	6.0	0.58	1		05/23/11 09:42	75-00-3	
Chloroform	ND	ug/kg	6.0	0.39	1		05/23/11 09:42	67-66-3	
Chloromethane	ND	ug/kg	6.0	0.41	1		05/23/11 09:42	74-87-3	
Dibromochloromethane	ND	ug/kg	6.0	0.20	1		05/23/11 09:42	124-48-1	
Dibromomethane	ND	ug/kg	6.0	0.41	1		05/23/11 09:42	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.0	0.83	1		05/23/11 09:42	75-71-8	
Ethylbenzene	ND	ug/kg	6.0	0.75	1		05/23/11 09:42	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	0.59	1		05/23/11 09:42	87-68-3	M1
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	0.69	1		05/23/11 09:42	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.0	0.50	1		05/23/11 09:42	1634-04-4	
Methylene chloride	ND	ug/kg	19.9	5.3	1		05/23/11 09:42	75-09-2	
Naphthalene	ND	ug/kg	6.0	1.1	1		05/23/11 09:42	91-20-3	B
Styrene	ND	ug/kg	6.0	0.57	1		05/23/11 09:42	100-42-5	
Tetrachloroethene	ND	ug/kg	6.0	0.76	1		05/23/11 09:42	127-18-4	
Toluene	ND	ug/kg	6.0	0.61	1		05/23/11 09:42	108-88-3	
Trichloroethene	ND	ug/kg	6.0	0.42	1		05/23/11 09:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	0.46	1		05/23/11 09:42	75-69-4	
Vinyl chloride	ND	ug/kg	6.0	0.56	1		05/23/11 09:42	75-01-4	
Xylene (Total)	ND	ug/kg	17.9	1.5	1		05/23/11 09:42	1330-20-7	B,M1
cis-1,2-Dichloroethene	ND	ug/kg	6.0	0.42	1		05/23/11 09:42	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	0.26	1		05/23/11 09:42	10061-01-5	M1
m&p-Xylene	ND	ug/kg	11.9	1.5	1		05/23/11 09:42	179601-23-1	B,M1
n-Butylbenzene	ND	ug/kg	6.0	0.91	1		05/23/11 09:42	104-51-8	M1
n-Propylbenzene	ND	ug/kg	6.0	0.70	1		05/23/11 09:42	103-65-1	
o-Xylene	ND	ug/kg	6.0	0.65	1		05/23/11 09:42	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	6.0	0.77	1		05/23/11 09:42	99-87-6	M1
sec-Butylbenzene	ND	ug/kg	6.0	0.83	1		05/23/11 09:42	135-98-8	M1
tert-Amylmethyl ether	ND	ug/kg	6.0	0.52	1		05/23/11 09:42	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.0	0.69	1		05/23/11 09:42	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	0.60	1		05/23/11 09:42	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	0.42	1		05/23/11 09:42	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/23/11 09:42	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 09:42	2037-26-5	
4-Bromofluorobenzene (S)	103 %		72-122		1		05/23/11 09:42	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/23/11 09:42	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	39.2 %		0.10	0.10	1		05/13/11 15:56		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 4-5 Lab ID: 257591016 Collected: 05/10/11 11:16 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1410	mg/kg	10.7	1.6	5	05/13/11 08:56	05/18/11 12:16	7440-38-2	
Cadmium	ND	mg/kg	5.3	0.059	5	05/13/11 08:56	05/18/11 12:16	7440-43-9	
Lead	3650	mg/kg	10.7	0.67	10	05/13/11 08:56	05/18/11 14:18	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	475	150	1	05/16/11 10:30	05/18/11 14:52	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	88	%	26-135		1	05/16/11 10:30	05/18/11 14:52	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		05/23/11 09:59	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		05/23/11 09:59	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		05/23/11 09:59	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		05/23/11 09:59	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.55	1		05/23/11 09:59	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.32	1		05/23/11 09:59	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.51	1		05/23/11 09:59	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.48	1		05/23/11 09:59	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		05/23/11 09:59	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.47	1		05/23/11 09:59	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.33	1		05/23/11 09:59	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	0.71	1		05/23/11 09:59	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	0.53	1		05/23/11 09:59	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		05/23/11 09:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.34	1		05/23/11 09:59	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.1	0.30	1		05/23/11 09:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.2	0.51	1		05/23/11 09:59	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		05/23/11 09:59	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	0.44	1		05/23/11 09:59	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		05/23/11 09:59	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		05/23/11 09:59	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		05/23/11 09:59	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		05/23/11 09:59	594-20-7	
2-Butanone (MEK)	14.0	ug/kg	13.7	2.1	1		05/23/11 09:59	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		05/23/11 09:59	95-49-8	
2-Hexanone	ND	ug/kg	13.7	0.49	1		05/23/11 09:59	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.36	1		05/23/11 09:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.7	0.42	1		05/23/11 09:59	108-10-1	
Acetone	51.2	ug/kg	13.7	1.5	1		05/23/11 09:59	67-64-1	
Benzene	ND	ug/kg	4.1	0.21	1		05/23/11 09:59	71-43-2	B
Bromobenzene	ND	ug/kg	4.1	0.32	1		05/23/11 09:59	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		05/23/11 09:59	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		05/23/11 09:59	75-27-4	
Bromoform	ND	ug/kg	4.1	0.32	1		05/23/11 09:59	75-25-2	
Bromomethane	ND	ug/kg	4.1	0.43	1		05/23/11 09:59	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 4-5 Lab ID: 257591016 Collected: 05/10/11 11:16 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	4.1	0.38	1		05/23/11 09:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		05/23/11 09:59	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	0.25	1		05/23/11 09:59	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.39	1		05/23/11 09:59	75-00-3	
Chloroform	ND	ug/kg	4.1	0.27	1		05/23/11 09:59	67-66-3	
Chloromethane	ND	ug/kg	4.1	0.28	1		05/23/11 09:59	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		05/23/11 09:59	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.28	1		05/23/11 09:59	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.57	1		05/23/11 09:59	75-71-8	
Ethylbenzene	ND	ug/kg	4.1	0.52	1		05/23/11 09:59	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	0.41	1		05/23/11 09:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	0.47	1		05/23/11 09:59	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.34	1		05/23/11 09:59	1634-04-4	
Methylene chloride	ND	ug/kg	13.7	3.6	1		05/23/11 09:59	75-09-2	
Naphthalene	ND	ug/kg	4.1	0.75	1		05/23/11 09:59	91-20-3	B
Styrene	ND	ug/kg	4.1	0.39	1		05/23/11 09:59	100-42-5	
Tetrachloroethene	ND	ug/kg	4.1	0.52	1		05/23/11 09:59	127-18-4	
Toluene	ND	ug/kg	4.1	0.42	1		05/23/11 09:59	108-88-3	
Trichloroethene	ND	ug/kg	4.1	0.29	1		05/23/11 09:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.31	1		05/23/11 09:59	75-69-4	
Vinyl chloride	ND	ug/kg	4.1	0.38	1		05/23/11 09:59	75-01-4	
Xylene (Total)	ND	ug/kg	12.3	1.0	1		05/23/11 09:59	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.1	0.29	1		05/23/11 09:59	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		05/23/11 09:59	10061-01-5	
m&p-Xylene	ND	ug/kg	8.2	1.0	1		05/23/11 09:59	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.1	0.62	1		05/23/11 09:59	104-51-8	
n-Propylbenzene	ND	ug/kg	4.1	0.48	1		05/23/11 09:59	103-65-1	
o-Xylene	ND	ug/kg	4.1	0.44	1		05/23/11 09:59	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.1	0.53	1		05/23/11 09:59	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.1	0.57	1		05/23/11 09:59	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.35	1		05/23/11 09:59	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.47	1		05/23/11 09:59	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	0.41	1		05/23/11 09:59	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.29	1		05/23/11 09:59	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 09:59	1868-53-7	
Toluene-d8 (S)	96 %		80-120		1		05/23/11 09:59	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 09:59	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		80-143		1		05/23/11 09:59	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	31.7 %		0.10	0.10	1		05/13/11 16:16		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_12 5-6 **Lab ID:** 257591017 Collected: 05/10/11 11:21 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	7750	mg/kg	63.2	9.4	20	05/16/11 09:16	05/22/11 16:56	7440-38-2	3n
Cadmium	25.5	mg/kg	1.6	0.017	1	05/16/11 09:16	05/18/11 20:14	7440-43-9	3n
Lead	274	mg/kg	1.6	0.099	1	05/16/11 09:16	05/18/11 20:14	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	599	190	1	05/16/11 10:30	05/18/11 15:15	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80	%	26-135		1	05/16/11 10:30	05/18/11 15:15	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	0.25	1		05/23/11 10:16	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.1	0.31	1		05/23/11 10:16	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	0.47	1		05/23/11 10:16	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.1	0.48	1		05/23/11 10:16	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.1	0.69	1		05/23/11 10:16	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.1	0.41	1		05/23/11 10:16	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.1	0.63	1		05/23/11 10:16	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.1	0.60	1		05/23/11 10:16	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	0.48	1		05/23/11 10:16	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.1	0.58	1		05/23/11 10:16	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	0.42	1		05/23/11 10:16	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	0.89	1		05/23/11 10:16	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.5	0.67	1		05/23/11 10:16	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	0.36	1		05/23/11 10:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.1	0.42	1		05/23/11 10:16	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.1	0.38	1		05/23/11 10:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.3	0.63	1		05/23/11 10:16	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.1	0.31	1		05/23/11 10:16	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	0.55	1		05/23/11 10:16	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.1	0.32	1		05/23/11 10:16	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.1	0.47	1		05/23/11 10:16	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.1	0.41	1		05/23/11 10:16	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.1	0.32	1		05/23/11 10:16	594-20-7	
2-Butanone (MEK)	19.1	ug/kg	17.1	2.6	1		05/23/11 10:16	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.1	0.54	1		05/23/11 10:16	95-49-8	
2-Hexanone	ND	ug/kg	17.1	0.61	1		05/23/11 10:16	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.1	0.45	1		05/23/11 10:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.1	0.52	1		05/23/11 10:16	108-10-1	
Acetone	72.6	ug/kg	17.1	1.9	1		05/23/11 10:16	67-64-1	
Benzene	ND	ug/kg	5.1	0.26	1		05/23/11 10:16	71-43-2	B
Bromobenzene	ND	ug/kg	5.1	0.40	1		05/23/11 10:16	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	0.38	1		05/23/11 10:16	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	0.20	1		05/23/11 10:16	75-27-4	
Bromoform	ND	ug/kg	5.1	0.40	1		05/23/11 10:16	75-25-2	
Bromomethane	ND	ug/kg	5.1	0.54	1		05/23/11 10:16	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 5-6 Lab ID: 257591017 Collected: 05/10/11 11:21 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	5.1	0.48	1		05/23/11 10:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.1	0.31	1		05/23/11 10:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	0.31	1		05/23/11 10:16	108-90-7	
Chloroethane	ND	ug/kg	5.1	0.49	1		05/23/11 10:16	75-00-3	
Chloroform	ND	ug/kg	5.1	0.33	1		05/23/11 10:16	67-66-3	
Chloromethane	ND	ug/kg	5.1	0.35	1		05/23/11 10:16	74-87-3	
Dibromochloromethane	ND	ug/kg	5.1	0.17	1		05/23/11 10:16	124-48-1	
Dibromomethane	ND	ug/kg	5.1	0.36	1		05/23/11 10:16	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.1	0.71	1		05/23/11 10:16	75-71-8	
Ethylbenzene	ND	ug/kg	5.1	0.65	1		05/23/11 10:16	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	0.51	1		05/23/11 10:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	0.59	1		05/23/11 10:16	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.1	0.43	1		05/23/11 10:16	1634-04-4	
Methylene chloride	ND	ug/kg	17.1	4.5	1		05/23/11 10:16	75-09-2	
Naphthalene	ND	ug/kg	5.1	0.94	1		05/23/11 10:16	91-20-3	B
Styrene	ND	ug/kg	5.1	0.49	1		05/23/11 10:16	100-42-5	
Tetrachloroethene	ND	ug/kg	5.1	0.65	1		05/23/11 10:16	127-18-4	
Toluene	ND	ug/kg	5.1	0.53	1		05/23/11 10:16	108-88-3	
Trichloroethene	ND	ug/kg	5.1	0.36	1		05/23/11 10:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	0.39	1		05/23/11 10:16	75-69-4	
Vinyl chloride	ND	ug/kg	5.1	0.48	1		05/23/11 10:16	75-01-4	
Xylene (Total)	ND	ug/kg	15.4	1.3	1		05/23/11 10:16	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	5.1	0.36	1		05/23/11 10:16	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	0.22	1		05/23/11 10:16	10061-01-5	
m&p-Xylene	ND	ug/kg	10.3	1.3	1		05/23/11 10:16	179601-23-1	B
n-Butylbenzene	ND	ug/kg	5.1	0.78	1		05/23/11 10:16	104-51-8	
n-Propylbenzene	ND	ug/kg	5.1	0.60	1		05/23/11 10:16	103-65-1	
o-Xylene	ND	ug/kg	5.1	0.56	1		05/23/11 10:16	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	5.1	0.66	1		05/23/11 10:16	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.1	0.72	1		05/23/11 10:16	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.1	0.44	1		05/23/11 10:16	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.1	0.59	1		05/23/11 10:16	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	0.51	1		05/23/11 10:16	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	0.36	1		05/23/11 10:16	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/23/11 10:16	1868-53-7	
Toluene-d8 (S)	97 %		80-120		1		05/23/11 10:16	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 10:16	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/23/11 10:16	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	46.3 %		0.10	0.10	1		05/13/11 16:17		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_12 6-8 Lab ID: 257591018 Collected: 05/10/11 11:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1220	mg/kg	17.3	2.6	5	05/16/11 09:16	05/18/11 17:30	7440-38-2	
Cadmium	ND	mg/kg	8.6	0.095	5	05/16/11 09:16	05/18/11 17:30	7440-43-9	
Lead	116	mg/kg	1.7	0.11	1	05/16/11 09:16	05/18/11 20:29	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	575	182	1	05/16/11 10:30	05/18/11 15:38	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	78	%	26-135		1	05/16/11 10:30	05/18/11 15:38	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	0.24	1		05/23/11 10:33	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.9	0.30	1		05/23/11 10:33	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	0.45	1		05/23/11 10:33	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.9	0.45	1		05/23/11 10:33	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	0.66	1		05/23/11 10:33	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.9	0.39	1		05/23/11 10:33	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.9	0.61	1		05/23/11 10:33	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.9	0.57	1		05/23/11 10:33	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	0.45	1		05/23/11 10:33	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.9	0.56	1		05/23/11 10:33	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	0.40	1		05/23/11 10:33	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	0.84	1		05/23/11 10:33	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	0.64	1		05/23/11 10:33	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	0.34	1		05/23/11 10:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	0.40	1		05/23/11 10:33	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.9	0.36	1		05/23/11 10:33	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.8	0.61	1		05/23/11 10:33	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.9	0.30	1		05/23/11 10:33	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	0.52	1		05/23/11 10:33	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.9	0.31	1		05/23/11 10:33	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.9	0.45	1		05/23/11 10:33	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.9	0.39	1		05/23/11 10:33	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.9	0.30	1		05/23/11 10:33	594-20-7	
2-Butanone (MEK)	18.6	ug/kg	16.3	2.5	1		05/23/11 10:33	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.9	0.51	1		05/23/11 10:33	95-49-8	
2-Hexanone	ND	ug/kg	16.3	0.59	1		05/23/11 10:33	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.9	0.43	1		05/23/11 10:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.3	0.50	1		05/23/11 10:33	108-10-1	
Acetone	73.3	ug/kg	16.3	1.8	1		05/23/11 10:33	67-64-1	
Benzene	ND	ug/kg	4.9	0.24	1		05/23/11 10:33	71-43-2	B
Bromobenzene	ND	ug/kg	4.9	0.38	1		05/23/11 10:33	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	0.36	1		05/23/11 10:33	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	0.19	1		05/23/11 10:33	75-27-4	
Bromoform	ND	ug/kg	4.9	0.38	1		05/23/11 10:33	75-25-2	
Bromomethane	ND	ug/kg	4.9	0.52	1		05/23/11 10:33	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 6-8 Lab ID: 257591018 Collected: 05/10/11 11:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	4.9	0.45	1		05/23/11 10:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	0.30	1		05/23/11 10:33	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	0.30	1		05/23/11 10:33	108-90-7	
Chloroethane	ND	ug/kg	4.9	0.47	1		05/23/11 10:33	75-00-3	
Chloroform	ND	ug/kg	4.9	0.32	1		05/23/11 10:33	67-66-3	
Chloromethane	ND	ug/kg	4.9	0.34	1		05/23/11 10:33	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	0.16	1		05/23/11 10:33	124-48-1	
Dibromomethane	ND	ug/kg	4.9	0.34	1		05/23/11 10:33	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.9	0.68	1		05/23/11 10:33	75-71-8	
Ethylbenzene	ND	ug/kg	4.9	0.62	1		05/23/11 10:33	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	0.48	1		05/23/11 10:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	0.57	1		05/23/11 10:33	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.9	0.41	1		05/23/11 10:33	1634-04-4	
Methylene chloride	ND	ug/kg	16.3	4.3	1		05/23/11 10:33	75-09-2	
Naphthalene	ND	ug/kg	4.9	0.89	1		05/23/11 10:33	91-20-3	B
Styrene	ND	ug/kg	4.9	0.47	1		05/23/11 10:33	100-42-5	
Tetrachloroethene	ND	ug/kg	4.9	0.62	1		05/23/11 10:33	127-18-4	
Toluene	ND	ug/kg	4.9	0.50	1		05/23/11 10:33	108-88-3	
Trichloroethene	ND	ug/kg	4.9	0.34	1		05/23/11 10:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	0.37	1		05/23/11 10:33	75-69-4	
Vinyl chloride	ND	ug/kg	4.9	0.46	1		05/23/11 10:33	75-01-4	
Xylene (Total)	ND	ug/kg	14.7	1.2	1		05/23/11 10:33	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.9	0.34	1		05/23/11 10:33	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	0.21	1		05/23/11 10:33	10061-01-5	
m&p-Xylene	ND	ug/kg	9.8	1.2	1		05/23/11 10:33	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.9	0.75	1		05/23/11 10:33	104-51-8	
n-Propylbenzene	ND	ug/kg	4.9	0.57	1		05/23/11 10:33	103-65-1	
o-Xylene	ND	ug/kg	4.9	0.53	1		05/23/11 10:33	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.9	0.63	1		05/23/11 10:33	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.9	0.68	1		05/23/11 10:33	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.9	0.42	1		05/23/11 10:33	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.9	0.56	1		05/23/11 10:33	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	0.49	1		05/23/11 10:33	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	0.34	1		05/23/11 10:33	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/23/11 10:33	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/23/11 10:33	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 10:33	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		80-143		1		05/23/11 10:33	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	43.3 %		0.10	0.10	1		05/13/11 16:18		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 8-10 Lab ID: 257591019 Collected: 05/10/11 11:32 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	380	mg/kg	12.1	1.8	5	05/16/11 09:16	05/18/11 17:33	7440-38-2	
Cadmium	ND	mg/kg	6.0	0.066	5	05/16/11 09:16	05/18/11 17:33	7440-43-9	
Lead	59.0	mg/kg	1.2	0.076	1	05/16/11 09:16	05/18/11 20:32	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	483	153	1	05/16/11 10:30	05/18/11 16:01	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	81	%	26-135		1	05/16/11 10:30	05/18/11 16:01	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	0.20	1		05/23/11 10:50	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.0	0.25	1		05/23/11 10:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	0.37	1		05/23/11 10:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.0	0.37	1		05/23/11 10:50	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.0	0.54	1		05/23/11 10:50	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.0	0.32	1		05/23/11 10:50	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.0	0.50	1		05/23/11 10:50	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.0	0.47	1		05/23/11 10:50	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	0.37	1		05/23/11 10:50	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.0	0.46	1		05/23/11 10:50	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	0.33	1		05/23/11 10:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	0.69	1		05/23/11 10:50	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.7	0.52	1		05/23/11 10:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	0.28	1		05/23/11 10:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.0	0.33	1		05/23/11 10:50	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.0	0.30	1		05/23/11 10:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.0	0.50	1		05/23/11 10:50	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.0	0.24	1		05/23/11 10:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	0.43	1		05/23/11 10:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.0	0.25	1		05/23/11 10:50	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.0	0.37	1		05/23/11 10:50	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.0	0.32	1		05/23/11 10:50	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.0	0.25	1		05/23/11 10:50	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.4	2.0	1		05/23/11 10:50	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.0	0.42	1		05/23/11 10:50	95-49-8	
2-Hexanone	ND	ug/kg	13.4	0.48	1		05/23/11 10:50	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.0	0.36	1		05/23/11 10:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.4	0.41	1		05/23/11 10:50	108-10-1	
Acetone	34.7	ug/kg	13.4	1.5	1		05/23/11 10:50	67-64-1	
Benzene	ND	ug/kg	4.0	0.20	1		05/23/11 10:50	71-43-2	B
Bromobenzene	ND	ug/kg	4.0	0.31	1		05/23/11 10:50	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	0.30	1		05/23/11 10:50	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	0.16	1		05/23/11 10:50	75-27-4	
Bromoform	ND	ug/kg	4.0	0.31	1		05/23/11 10:50	75-25-2	
Bromomethane	ND	ug/kg	4.0	0.42	1		05/23/11 10:50	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 8-10 **Lab ID:** 257591019 Collected: 05/10/11 11:32 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	4.0	0.37	1		05/23/11 10:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	0.24	1		05/23/11 10:50	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	0.24	1		05/23/11 10:50	108-90-7	
Chloroethane	ND	ug/kg	4.0	0.39	1		05/23/11 10:50	75-00-3	
Chloroform	ND	ug/kg	4.0	0.26	1		05/23/11 10:50	67-66-3	
Chloromethane	ND	ug/kg	4.0	0.28	1		05/23/11 10:50	74-87-3	
Dibromochloromethane	ND	ug/kg	4.0	0.13	1		05/23/11 10:50	124-48-1	
Dibromomethane	ND	ug/kg	4.0	0.28	1		05/23/11 10:50	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.0	0.56	1		05/23/11 10:50	75-71-8	
Ethylbenzene	ND	ug/kg	4.0	0.51	1		05/23/11 10:50	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	0.40	1		05/23/11 10:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	0.46	1		05/23/11 10:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.0	0.33	1		05/23/11 10:50	1634-04-4	
Methylene chloride	ND	ug/kg	13.4	3.5	1		05/23/11 10:50	75-09-2	
Naphthalene	ND	ug/kg	4.0	0.73	1		05/23/11 10:50	91-20-3	
Styrene	ND	ug/kg	4.0	0.38	1		05/23/11 10:50	100-42-5	
Tetrachloroethene	ND	ug/kg	4.0	0.51	1		05/23/11 10:50	127-18-4	
Toluene	ND	ug/kg	4.0	0.41	1		05/23/11 10:50	108-88-3	
Trichloroethene	ND	ug/kg	4.0	0.28	1		05/23/11 10:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	0.31	1		05/23/11 10:50	75-69-4	
Vinyl chloride	ND	ug/kg	4.0	0.37	1		05/23/11 10:50	75-01-4	
Xylene (Total)	ND	ug/kg	12.0	1.0	1		05/23/11 10:50	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.0	0.28	1		05/23/11 10:50	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	0.17	1		05/23/11 10:50	10061-01-5	
m&p-Xylene	ND	ug/kg	8.0	1.0	1		05/23/11 10:50	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.0	0.61	1		05/23/11 10:50	104-51-8	
n-Propylbenzene	ND	ug/kg	4.0	0.47	1		05/23/11 10:50	103-65-1	
o-Xylene	ND	ug/kg	4.0	0.44	1		05/23/11 10:50	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.0	0.51	1		05/23/11 10:50	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.0	0.56	1		05/23/11 10:50	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.0	0.35	1		05/23/11 10:50	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.0	0.46	1		05/23/11 10:50	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	0.40	1		05/23/11 10:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	0.28	1		05/23/11 10:50	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/23/11 10:50	1868-53-7	
Toluene-d8 (S)	97 %		80-120		1		05/23/11 10:50	2037-26-5	
4-Bromofluorobenzene (S)	100 %		72-122		1		05/23/11 10:50	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/23/11 10:50	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	33.1 %		0.10	0.10	1		05/13/11 16:19		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 10-12 Lab ID: 257591020 Collected: 05/10/11 11:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	300	mg/kg	11.1	1.7	5	05/16/11 09:16	05/18/11 17:36	7440-38-2	
Cadmium	ND	mg/kg	5.6	0.061	5	05/16/11 09:16	05/18/11 17:36	7440-43-9	
Lead	10.5	mg/kg	1.1	0.070	1	05/16/11 09:16	05/18/11 20:35	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	478	152	1	05/16/11 10:30	05/18/11 16:23	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	84	%	26-135		1	05/16/11 10:30	05/18/11 16:23	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7	0.18	1		05/23/11 11:08	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.7	0.23	1		05/23/11 11:08	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	0.34	1		05/23/11 11:08	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.7	0.34	1		05/23/11 11:08	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	0.50	1		05/23/11 11:08	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.7	0.29	1		05/23/11 11:08	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.7	0.46	1		05/23/11 11:08	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.7	0.43	1		05/23/11 11:08	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.7	0.34	1		05/23/11 11:08	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.7	0.42	1		05/23/11 11:08	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	0.30	1		05/23/11 11:08	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.7	0.64	1		05/23/11 11:08	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	0.48	1		05/23/11 11:08	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	0.26	1		05/23/11 11:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.7	0.30	1		05/23/11 11:08	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.7	0.27	1		05/23/11 11:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.4	0.46	1		05/23/11 11:08	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.7	0.22	1		05/23/11 11:08	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.7	0.39	1		05/23/11 11:08	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.7	0.23	1		05/23/11 11:08	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.7	0.34	1		05/23/11 11:08	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.7	0.30	1		05/23/11 11:08	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.7	0.23	1		05/23/11 11:08	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.3	1.9	1		05/23/11 11:08	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.7	0.39	1		05/23/11 11:08	95-49-8	
2-Hexanone	ND	ug/kg	12.3	0.44	1		05/23/11 11:08	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.7	0.33	1		05/23/11 11:08	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.3	0.37	1		05/23/11 11:08	108-10-1	
Acetone	151	ug/kg	12.3	1.4	1		05/23/11 11:08	67-64-1	
Benzene	ND	ug/kg	3.7	0.18	1		05/23/11 11:08	71-43-2	B
Bromobenzene	ND	ug/kg	3.7	0.29	1		05/23/11 11:08	108-86-1	
Bromochloromethane	ND	ug/kg	3.7	0.27	1		05/23/11 11:08	74-97-5	
Bromodichloromethane	ND	ug/kg	3.7	0.14	1		05/23/11 11:08	75-27-4	
Bromoform	ND	ug/kg	3.7	0.29	1		05/23/11 11:08	75-25-2	
Bromomethane	ND	ug/kg	3.7	0.39	1		05/23/11 11:08	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 10-12 Lab ID: 257591020 Collected: 05/10/11 11:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.7	0.34	1		05/23/11 11:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.7	0.22	1		05/23/11 11:08	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	0.23	1		05/23/11 11:08	108-90-7	
Chloroethane	ND	ug/kg	3.7	0.36	1		05/23/11 11:08	75-00-3	
Chloroform	ND	ug/kg	3.7	0.24	1		05/23/11 11:08	67-66-3	
Chloromethane	ND	ug/kg	3.7	0.25	1		05/23/11 11:08	74-87-3	
Dibromochloromethane	ND	ug/kg	3.7	0.12	1		05/23/11 11:08	124-48-1	
Dibromomethane	ND	ug/kg	3.7	0.26	1		05/23/11 11:08	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.7	0.51	1		05/23/11 11:08	75-71-8	
Ethylbenzene	ND	ug/kg	3.7	0.47	1		05/23/11 11:08	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.7	0.37	1		05/23/11 11:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	0.43	1		05/23/11 11:08	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.7	0.31	1		05/23/11 11:08	1634-04-4	
Methylene chloride	ND	ug/kg	12.3	3.3	1		05/23/11 11:08	75-09-2	
Naphthalene	ND	ug/kg	3.7	0.68	1		05/23/11 11:08	91-20-3	
Styrene	ND	ug/kg	3.7	0.35	1		05/23/11 11:08	100-42-5	
Tetrachloroethene	ND	ug/kg	3.7	0.47	1		05/23/11 11:08	127-18-4	
Toluene	ND	ug/kg	3.7	0.38	1		05/23/11 11:08	108-88-3	
Trichloroethene	ND	ug/kg	3.7	0.26	1		05/23/11 11:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	0.28	1		05/23/11 11:08	75-69-4	
Vinyl chloride	ND	ug/kg	3.7	0.34	1		05/23/11 11:08	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	0.92	1		05/23/11 11:08	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.7	0.26	1		05/23/11 11:08	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	0.16	1		05/23/11 11:08	10061-01-5	
m&p-Xylene	ND	ug/kg	7.4	0.92	1		05/23/11 11:08	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.7	0.56	1		05/23/11 11:08	104-51-8	
n-Propylbenzene	ND	ug/kg	3.7	0.43	1		05/23/11 11:08	103-65-1	
o-Xylene	ND	ug/kg	3.7	0.40	1		05/23/11 11:08	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.7	0.47	1		05/23/11 11:08	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.7	0.52	1		05/23/11 11:08	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.7	0.32	1		05/23/11 11:08	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.7	0.43	1		05/23/11 11:08	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	0.37	1		05/23/11 11:08	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	0.26	1		05/23/11 11:08	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 11:08	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 11:08	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 11:08	460-00-4	
1,2-Dichloroethane-d4 (S)	99 %		80-143		1		05/23/11 11:08	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	31.2 %		0.10	0.10	1		05/13/11 16:20		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_12 12-14 Lab ID: 257591021 Collected: 05/10/11 11:40 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	115	mg/kg	2.2	0.33	1	05/16/11 09:16	05/18/11 20:44	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	05/16/11 09:16	05/18/11 20:44	7440-43-9	
Lead	2.4	mg/kg	1.1	0.069	1	05/16/11 09:16	05/18/11 20:44	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	401	127	1	05/16/11 10:30	05/18/11 16:46	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	87	%	26-135		1	05/16/11 10:30	05/18/11 16:46	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.16	1		05/23/11 11:25	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		05/23/11 11:25	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		05/23/11 11:25	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		05/23/11 11:25	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.45	1		05/23/11 11:25	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		05/23/11 11:25	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		05/23/11 11:25	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		05/23/11 11:25	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		05/23/11 11:25	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.38	1		05/23/11 11:25	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.27	1		05/23/11 11:25	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.58	1		05/23/11 11:25	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.44	1		05/23/11 11:25	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		05/23/11 11:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		05/23/11 11:25	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		05/23/11 11:25	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.42	1		05/23/11 11:25	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		05/23/11 11:25	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		05/23/11 11:25	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.21	1		05/23/11 11:25	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		05/23/11 11:25	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		05/23/11 11:25	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/23/11 11:25	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.2	1.7	1		05/23/11 11:25	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.35	1		05/23/11 11:25	95-49-8	
2-Hexanone	ND	ug/kg	11.2	0.40	1		05/23/11 11:25	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		05/23/11 11:25	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.2	0.34	1		05/23/11 11:25	108-10-1	
Acetone	13.1	ug/kg	11.2	1.2	1		05/23/11 11:25	67-64-1	
Benzene	ND	ug/kg	3.4	0.17	1		05/23/11 11:25	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.26	1		05/23/11 11:25	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		05/23/11 11:25	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		05/23/11 11:25	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		05/23/11 11:25	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		05/23/11 11:25	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 12-14 Lab ID: 257591021 Collected: 05/10/11 11:40 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.4	0.31	1		05/23/11 11:25	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.20	1		05/23/11 11:25	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		05/23/11 11:25	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.32	1		05/23/11 11:25	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		05/23/11 11:25	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		05/23/11 11:25	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		05/23/11 11:25	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.23	1		05/23/11 11:25	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		05/23/11 11:25	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		05/23/11 11:25	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.33	1		05/23/11 11:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		05/23/11 11:25	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		05/23/11 11:25	1634-04-4	
Methylene chloride	ND	ug/kg	11.2	3.0	1		05/23/11 11:25	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.61	1		05/23/11 11:25	91-20-3	
Styrene	ND	ug/kg	3.4	0.32	1		05/23/11 11:25	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		05/23/11 11:25	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		05/23/11 11:25	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		05/23/11 11:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		05/23/11 11:25	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.31	1		05/23/11 11:25	75-01-4	
Xylene (Total)	ND	ug/kg	10.1	0.84	1		05/23/11 11:25	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.23	1		05/23/11 11:25	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		05/23/11 11:25	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.84	1		05/23/11 11:25	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.4	0.51	1		05/23/11 11:25	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.39	1		05/23/11 11:25	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		05/23/11 11:25	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.4	0.43	1		05/23/11 11:25	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		05/23/11 11:25	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		05/23/11 11:25	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		05/23/11 11:25	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		05/23/11 11:25	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		05/23/11 11:25	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 11:25	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 11:25	2037-26-5	
4-Bromofluorobenzene (S)	100 %		72-122		1		05/23/11 11:25	460-00-4	
1,2-Dichloroethane-d4 (S)	96 %		80-143		1		05/23/11 11:25	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	18.9 %		0.10	0.10	1		05/13/11 16:21		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 14-16 Lab ID: 257591022 Collected: 05/10/11 11:43 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	34.2	mg/kg	2.0	0.30	1	05/16/11 09:16	05/18/11 20:47	7440-38-2	
Cadmium	ND	mg/kg	1.0	0.011	1	05/16/11 09:16	05/18/11 20:47	7440-43-9	
Lead	9.1	mg/kg	1.0	0.063	1	05/16/11 09:16	05/18/11 20:47	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	404	128	1	05/16/11 14:45	05/19/11 16:16	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	84	%	26-135		1	05/16/11 14:45	05/19/11 16:16	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		05/23/11 11:42	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		05/23/11 11:42	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		05/23/11 11:42	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		05/23/11 11:42	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.44	1		05/23/11 11:42	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		05/23/11 11:42	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		05/23/11 11:42	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.38	1		05/23/11 11:42	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		05/23/11 11:42	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		05/23/11 11:42	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		05/23/11 11:42	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.57	1		05/23/11 11:42	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		05/23/11 11:42	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		05/23/11 11:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/23/11 11:42	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.24	1		05/23/11 11:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.6	0.41	1		05/23/11 11:42	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		05/23/11 11:42	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		05/23/11 11:42	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		05/23/11 11:42	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		05/23/11 11:42	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.26	1		05/23/11 11:42	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		05/23/11 11:42	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.0	1.7	1		05/23/11 11:42	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		05/23/11 11:42	95-49-8	
2-Hexanone	ND	ug/kg	11.0	0.40	1		05/23/11 11:42	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		05/23/11 11:42	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.0	0.34	1		05/23/11 11:42	108-10-1	
Acetone	ND	ug/kg	11.0	1.2	1		05/23/11 11:42	67-64-1	
Benzene	ND	ug/kg	3.3	0.17	1		05/23/11 11:42	71-43-2	B
Bromobenzene	ND	ug/kg	3.3	0.26	1		05/23/11 11:42	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		05/23/11 11:42	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		05/23/11 11:42	75-27-4	
Bromoform	ND	ug/kg	3.3	0.26	1		05/23/11 11:42	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		05/23/11 11:42	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_12 14-16 **Lab ID:** 257591022 Collected: 05/10/11 11:43 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.3	0.31	1		05/23/11 11:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		05/23/11 11:42	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		05/23/11 11:42	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		05/23/11 11:42	75-00-3	
Chloroform	ND	ug/kg	3.3	0.21	1		05/23/11 11:42	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		05/23/11 11:42	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		05/23/11 11:42	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		05/23/11 11:42	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		05/23/11 11:42	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		05/23/11 11:42	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		05/23/11 11:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		05/23/11 11:42	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.28	1		05/23/11 11:42	1634-04-4	
Methylene chloride	ND	ug/kg	11.0	2.9	1		05/23/11 11:42	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.61	1		05/23/11 11:42	91-20-3	B
Styrene	ND	ug/kg	3.3	0.32	1		05/23/11 11:42	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		05/23/11 11:42	127-18-4	
Toluene	ND	ug/kg	3.3	0.34	1		05/23/11 11:42	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		05/23/11 11:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		05/23/11 11:42	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		05/23/11 11:42	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	0.83	1		05/23/11 11:42	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		05/23/11 11:42	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		05/23/11 11:42	10061-01-5	
m&p-Xylene	ND	ug/kg	6.6	0.83	1		05/23/11 11:42	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.3	0.50	1		05/23/11 11:42	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		05/23/11 11:42	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		05/23/11 11:42	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.3	0.42	1		05/23/11 11:42	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		05/23/11 11:42	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.29	1		05/23/11 11:42	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		05/23/11 11:42	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		05/23/11 11:42	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		05/23/11 11:42	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 11:42	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/23/11 11:42	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 11:42	460-00-4	
1,2-Dichloroethane-d4 (S)	97 %		80-143		1		05/23/11 11:42	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	19.1 %		0.10	0.10	1		05/13/11 16:22		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: Trip Blank 2 **Lab ID: 257591023** Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		05/23/11 08:34	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		05/23/11 08:34	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 08:34	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 08:34	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		05/23/11 08:34	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		05/23/11 08:34	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		05/23/11 08:34	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		05/23/11 08:34	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		05/23/11 08:34	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		05/23/11 08:34	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 08:34	120-82-1	B
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		05/23/11 08:34	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		05/23/11 08:34	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		05/23/11 08:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		05/23/11 08:34	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		05/23/11 08:34	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		05/23/11 08:34	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		05/23/11 08:34	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		05/23/11 08:34	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		05/23/11 08:34	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		05/23/11 08:34	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 08:34	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		05/23/11 08:34	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		05/23/11 08:34	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		05/23/11 08:34	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		05/23/11 08:34	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		05/23/11 08:34	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		05/23/11 08:34	108-10-1	
Acetone	ND	ug/kg	10.0	1.1	1		05/23/11 08:34	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		05/23/11 08:34	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.23	1		05/23/11 08:34	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		05/23/11 08:34	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		05/23/11 08:34	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		05/23/11 08:34	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		05/23/11 08:34	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		05/23/11 08:34	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		05/23/11 08:34	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		05/23/11 08:34	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		05/23/11 08:34	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		05/23/11 08:34	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		05/23/11 08:34	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		05/23/11 08:34	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		05/23/11 08:34	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		05/23/11 08:34	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		05/23/11 08:34	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: Trip Blank 2 **Lab ID:** 257591023 Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		05/23/11 08:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		05/23/11 08:34	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		05/23/11 08:34	1634-04-4	
Methylene chloride	22.3	ug/kg	10.0	2.6	1		05/23/11 08:34	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		05/23/11 08:34	91-20-3	B
Styrene	ND	ug/kg	3.0	0.29	1		05/23/11 08:34	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		05/23/11 08:34	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		05/23/11 08:34	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 08:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		05/23/11 08:34	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		05/23/11 08:34	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		05/23/11 08:34	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 08:34	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		05/23/11 08:34	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		05/23/11 08:34	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		05/23/11 08:34	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		05/23/11 08:34	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		05/23/11 08:34	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		05/23/11 08:34	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		05/23/11 08:34	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		05/23/11 08:34	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		05/23/11 08:34	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		05/23/11 08:34	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		05/23/11 08:34	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 08:34	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/23/11 08:34	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 08:34	460-00-4	
1,2-Dichloroethane-d4 (S)	99 %		80-143		1		05/23/11 08:34	17060-07-0	

Sample: SUP_SL_13 3-4 **Lab ID:** 257591024 Collected: 05/10/11 13:29 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2520	mg/kg	12.4	1.8	5	05/16/11 09:16	05/18/11 17:51	7440-38-2	
Cadmium	6.7	mg/kg	6.2	0.068	5	05/16/11 09:16	05/18/11 17:51	7440-43-9	
Lead	9700	mg/kg	62.0	3.9	50	05/16/11 09:16	05/22/11 17:11	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	550	174	1	05/16/11 14:45	05/19/11 17:25	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79 %		26-135		1	05/16/11 14:45	05/19/11 17:25	118-79-6	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 59 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 3-4 Lab ID: 257591024 Collected: 05/10/11 13:29 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.9	0.29	1		05/23/11 11:59	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.9	0.36	1		05/23/11 11:59	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.9	0.54	1		05/23/11 11:59	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.9	0.54	1		05/23/11 11:59	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.9	0.79	1		05/23/11 11:59	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.9	0.46	1		05/23/11 11:59	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.9	0.72	1		05/23/11 11:59	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.9	0.68	1		05/23/11 11:59	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.9	0.54	1		05/23/11 11:59	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.9	0.67	1		05/23/11 11:59	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.9	0.47	1		05/23/11 11:59	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	1.0	1		05/23/11 11:59	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.8	0.76	1		05/23/11 11:59	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.9	0.41	1		05/23/11 11:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.9	0.48	1		05/23/11 11:59	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.9	0.43	1		05/23/11 11:59	107-06-2	
1,2-Dichloroethene (Total)	40.3	ug/kg	11.7	0.72	1		05/23/11 11:59	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.9	0.35	1		05/23/11 11:59	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	0.62	1		05/23/11 11:59	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.9	0.37	1		05/23/11 11:59	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.9	0.54	1		05/23/11 11:59	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.9	0.47	1		05/23/11 11:59	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.9	0.36	1		05/23/11 11:59	594-20-7	
2-Butanone (MEK)	24.7	ug/kg	19.5	3.0	1		05/23/11 11:59	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.9	0.61	1		05/23/11 11:59	95-49-8	
2-Hexanone	ND	ug/kg	19.5	0.70	1		05/23/11 11:59	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.9	0.52	1		05/23/11 11:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.5	0.59	1		05/23/11 11:59	108-10-1	
Acetone	114	ug/kg	19.5	2.1	1		05/23/11 11:59	67-64-1	
Benzene	ND	ug/kg	5.9	0.29	1		05/23/11 11:59	71-43-2	B
Bromobenzene	ND	ug/kg	5.9	0.46	1		05/23/11 11:59	108-86-1	
Bromochloromethane	ND	ug/kg	5.9	0.43	1		05/23/11 11:59	74-97-5	
Bromodichloromethane	ND	ug/kg	5.9	0.23	1		05/23/11 11:59	75-27-4	
Bromoform	ND	ug/kg	5.9	0.45	1		05/23/11 11:59	75-25-2	
Bromomethane	ND	ug/kg	5.9	0.62	1		05/23/11 11:59	74-83-9	
Carbon disulfide	ND	ug/kg	5.9	0.54	1		05/23/11 11:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.9	0.35	1		05/23/11 11:59	56-23-5	
Chlorobenzene	ND	ug/kg	5.9	0.36	1		05/23/11 11:59	108-90-7	
Chloroethane	ND	ug/kg	5.9	0.56	1		05/23/11 11:59	75-00-3	
Chloroform	ND	ug/kg	5.9	0.38	1		05/23/11 11:59	67-66-3	
Chloromethane	ND	ug/kg	5.9	0.40	1		05/23/11 11:59	74-87-3	
Dibromochloromethane	ND	ug/kg	5.9	0.20	1		05/23/11 11:59	124-48-1	
Dibromomethane	ND	ug/kg	5.9	0.41	1		05/23/11 11:59	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.9	0.81	1		05/23/11 11:59	75-71-8	
Ethylbenzene	ND	ug/kg	5.9	0.74	1		05/23/11 11:59	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_13 3-4 Lab ID: 257591024 Collected: 05/10/11 13:29 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	5.9	0.58	1		05/23/11 11:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	0.68	1		05/23/11 11:59	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.9	0.49	1		05/23/11 11:59	1634-04-4	
Methylene chloride	ND	ug/kg	19.5	5.2	1		05/23/11 11:59	75-09-2	
Naphthalene	ND	ug/kg	5.9	1.1	1		05/23/11 11:59	91-20-3	B
Styrene	ND	ug/kg	5.9	0.56	1		05/23/11 11:59	100-42-5	
Tetrachloroethene	ND	ug/kg	5.9	0.75	1		05/23/11 11:59	127-18-4	
Toluene	ND	ug/kg	5.9	0.60	1		05/23/11 11:59	108-88-3	
Trichloroethene	ND	ug/kg	5.9	0.41	1		05/23/11 11:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.9	0.45	1		05/23/11 11:59	75-69-4	
Vinyl chloride	ND	ug/kg	5.9	0.55	1		05/23/11 11:59	75-01-4	
Xylene (Total)	ND	ug/kg	17.6	1.5	1		05/23/11 11:59	1330-20-7	B
cis-1,2-Dichloroethene	40.3	ug/kg	5.9	0.41	1		05/23/11 11:59	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.9	0.25	1		05/23/11 11:59	10061-01-5	
m&p-Xylene	ND	ug/kg	11.7	1.5	1		05/23/11 11:59	179601-23-1	B
n-Butylbenzene	ND	ug/kg	5.9	0.89	1		05/23/11 11:59	104-51-8	
n-Propylbenzene	ND	ug/kg	5.9	0.69	1		05/23/11 11:59	103-65-1	
o-Xylene	ND	ug/kg	5.9	0.64	1		05/23/11 11:59	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	5.9	0.75	1		05/23/11 11:59	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.9	0.82	1		05/23/11 11:59	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.9	0.51	1		05/23/11 11:59	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.9	0.67	1		05/23/11 11:59	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.9	0.59	1		05/23/11 11:59	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.9	0.41	1		05/23/11 11:59	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 11:59	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/23/11 11:59	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 11:59	460-00-4	
1,2-Dichloroethane-d4 (S)	100 %		80-143		1		05/23/11 11:59	17060-07-0	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture **40.7 %** 0.10 0.10 1 05/13/11 16:23

Sample: SUP_SL_13 4-5 Lab ID: 257591025 Collected: 05/10/11 13:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2200	mg/kg	13.9	2.1	5	05/16/11 09:16	05/18/11 17:54	7440-38-2	
Cadmium	ND	mg/kg	7.0	0.076	5	05/16/11 09:16	05/18/11 17:54	7440-43-9	
Lead	650	mg/kg	7.0	0.44	5	05/16/11 09:16	05/18/11 17:54	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 4-5 Lab ID: 257591025 Collected: 05/10/11 13:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	528	167	1	05/16/11 14:45	05/19/11 17:47	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	81	%	26-135		1	05/16/11 14:45	05/19/11 17:47	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	0.26	1		05/23/11 12:16	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.4	0.33	1		05/23/11 12:16	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	0.50	1		05/23/11 12:16	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.4	0.50	1		05/23/11 12:16	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.4	0.72	1		05/23/11 12:16	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.4	0.43	1		05/23/11 12:16	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.4	0.67	1		05/23/11 12:16	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.4	0.63	1		05/23/11 12:16	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	0.50	1		05/23/11 12:16	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.4	0.61	1		05/23/11 12:16	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	0.44	1		05/23/11 12:16	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	0.93	1		05/23/11 12:16	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.0	0.70	1		05/23/11 12:16	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	0.38	1		05/23/11 12:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.4	0.44	1		05/23/11 12:16	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.4	0.40	1		05/23/11 12:16	107-06-2	
1,2-Dichloroethene (Total)	17.0	ug/kg	10.8	0.67	1		05/23/11 12:16	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.4	0.33	1		05/23/11 12:16	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	0.57	1		05/23/11 12:16	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.4	0.34	1		05/23/11 12:16	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.4	0.50	1		05/23/11 12:16	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.4	0.43	1		05/23/11 12:16	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.4	0.34	1		05/23/11 12:16	594-20-7	
2-Butanone (MEK)	22.2	ug/kg	18.0	2.7	1		05/23/11 12:16	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.4	0.56	1		05/23/11 12:16	95-49-8	
2-Hexanone	ND	ug/kg	18.0	0.65	1		05/23/11 12:16	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.4	0.48	1		05/23/11 12:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.0	0.55	1		05/23/11 12:16	108-10-1	
Acetone	117	ug/kg	18.0	2.0	1		05/23/11 12:16	67-64-1	
Benzene	ND	ug/kg	5.4	0.27	1		05/23/11 12:16	71-43-2	B
Bromobenzene	ND	ug/kg	5.4	0.42	1		05/23/11 12:16	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	0.40	1		05/23/11 12:16	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	0.21	1		05/23/11 12:16	75-27-4	
Bromoform	ND	ug/kg	5.4	0.42	1		05/23/11 12:16	75-25-2	
Bromomethane	ND	ug/kg	5.4	0.57	1		05/23/11 12:16	74-83-9	
Carbon disulfide	ND	ug/kg	5.4	0.50	1		05/23/11 12:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	0.33	1		05/23/11 12:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	0.33	1		05/23/11 12:16	108-90-7	
Chloroethane	ND	ug/kg	5.4	0.52	1		05/23/11 12:16	75-00-3	
Chloroform	ND	ug/kg	5.4	0.35	1		05/23/11 12:16	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 4-5 Lab ID: 257591025 Collected: 05/10/11 13:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	5.4	0.37	1		05/23/11 12:16	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	0.18	1		05/23/11 12:16	124-48-1	
Dibromomethane	ND	ug/kg	5.4	0.37	1		05/23/11 12:16	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.4	0.75	1		05/23/11 12:16	75-71-8	
Ethylbenzene	ND	ug/kg	5.4	0.68	1		05/23/11 12:16	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	0.53	1		05/23/11 12:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	0.62	1		05/23/11 12:16	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.4	0.45	1		05/23/11 12:16	1634-04-4	
Methylene chloride	ND	ug/kg	18.0	4.7	1		05/23/11 12:16	75-09-2	
Naphthalene	ND	ug/kg	5.4	0.98	1		05/23/11 12:16	91-20-3	B
Styrene	ND	ug/kg	5.4	0.52	1		05/23/11 12:16	100-42-5	
Tetrachloroethene	ND	ug/kg	5.4	0.69	1		05/23/11 12:16	127-18-4	
Toluene	ND	ug/kg	5.4	0.55	1		05/23/11 12:16	108-88-3	
Trichloroethene	ND	ug/kg	5.4	0.38	1		05/23/11 12:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	0.41	1		05/23/11 12:16	75-69-4	
Vinyl chloride	ND	ug/kg	5.4	0.50	1		05/23/11 12:16	75-01-4	
Xylene (Total)	ND	ug/kg	16.2	1.3	1		05/23/11 12:16	1330-20-7	B
cis-1,2-Dichloroethene	16.6	ug/kg	5.4	0.38	1		05/23/11 12:16	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	0.23	1		05/23/11 12:16	10061-01-5	
m&p-Xylene	ND	ug/kg	10.8	1.3	1		05/23/11 12:16	179601-23-1	B
n-Butylbenzene	ND	ug/kg	5.4	0.82	1		05/23/11 12:16	104-51-8	
n-Propylbenzene	ND	ug/kg	5.4	0.63	1		05/23/11 12:16	103-65-1	
o-Xylene	ND	ug/kg	5.4	0.58	1		05/23/11 12:16	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	5.4	0.69	1		05/23/11 12:16	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.4	0.75	1		05/23/11 12:16	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.4	0.47	1		05/23/11 12:16	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.4	0.62	1		05/23/11 12:16	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	0.54	1		05/23/11 12:16	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	0.38	1		05/23/11 12:16	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%		80-136		1	05/23/11 12:16	1868-53-7	
Toluene-d8 (S)	98	%		80-120		1	05/23/11 12:16	2037-26-5	
4-Bromofluorobenzene (S)	103	%		72-122		1	05/23/11 12:16	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%		80-143		1	05/23/11 12:16	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	38.0	%		0.10	0.10	1	05/13/11 16:23		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 5-6 Lab ID: 257591026 Collected: 05/10/11 13:40 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	922	mg/kg	11.3	1.7	5	05/16/11 09:16	05/18/11 17:57	7440-38-2	
Cadmium	ND	mg/kg	5.6	0.062	5	05/16/11 09:16	05/18/11 17:57	7440-43-9	
Lead	177	mg/kg	1.1	0.071	1	05/16/11 09:16	05/18/11 20:55	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	512	162	1	05/16/11 14:45	05/19/11 18:10	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	72	%	26-135		1	05/16/11 14:45	05/19/11 18:10	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	0.24	1		05/23/11 12:33	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.0	0.31	1		05/23/11 12:33	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	0.46	1		05/23/11 12:33	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.0	0.46	1		05/23/11 12:33	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.0	0.67	1		05/23/11 12:33	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.0	0.40	1		05/23/11 12:33	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.0	0.62	1		05/23/11 12:33	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.0	0.58	1		05/23/11 12:33	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	0.46	1		05/23/11 12:33	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.0	0.57	1		05/23/11 12:33	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	0.41	1		05/23/11 12:33	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	0.86	1		05/23/11 12:33	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.3	0.65	1		05/23/11 12:33	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	0.35	1		05/23/11 12:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.0	0.41	1		05/23/11 12:33	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.0	0.37	1		05/23/11 12:33	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.0	0.62	1		05/23/11 12:33	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.0	0.30	1		05/23/11 12:33	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	0.53	1		05/23/11 12:33	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.0	0.32	1		05/23/11 12:33	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.0	0.46	1		05/23/11 12:33	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.0	0.40	1		05/23/11 12:33	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.0	0.31	1		05/23/11 12:33	594-20-7	
2-Butanone (MEK)	28.4	ug/kg	16.7	2.5	1		05/23/11 12:33	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.0	0.53	1		05/23/11 12:33	95-49-8	
2-Hexanone	ND	ug/kg	16.7	0.60	1		05/23/11 12:33	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.0	0.44	1		05/23/11 12:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.7	0.51	1		05/23/11 12:33	108-10-1	
Acetone	128	ug/kg	16.7	1.8	1		05/23/11 12:33	67-64-1	
Benzene	ND	ug/kg	5.0	0.25	1		05/23/11 12:33	71-43-2	B
Bromobenzene	ND	ug/kg	5.0	0.39	1		05/23/11 12:33	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	0.37	1		05/23/11 12:33	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	0.20	1		05/23/11 12:33	75-27-4	
Bromoform	ND	ug/kg	5.0	0.39	1		05/23/11 12:33	75-25-2	
Bromomethane	ND	ug/kg	5.0	0.53	1		05/23/11 12:33	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 5-6 **Lab ID:** 257591026 Collected: 05/10/11 13:40 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	5.0	0.47	1		05/23/11 12:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	0.30	1		05/23/11 12:33	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	0.31	1		05/23/11 12:33	108-90-7	
Chloroethane	ND	ug/kg	5.0	0.48	1		05/23/11 12:33	75-00-3	
Chloroform	ND	ug/kg	5.0	0.32	1		05/23/11 12:33	67-66-3	
Chloromethane	ND	ug/kg	5.0	0.34	1		05/23/11 12:33	74-87-3	
Dibromochloromethane	ND	ug/kg	5.0	0.17	1		05/23/11 12:33	124-48-1	
Dibromomethane	ND	ug/kg	5.0	0.35	1		05/23/11 12:33	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.0	0.69	1		05/23/11 12:33	75-71-8	
Ethylbenzene	ND	ug/kg	5.0	0.63	1		05/23/11 12:33	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	0.50	1		05/23/11 12:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	0.58	1		05/23/11 12:33	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.0	0.42	1		05/23/11 12:33	1634-04-4	
Methylene chloride	ND	ug/kg	16.7	4.4	1		05/23/11 12:33	75-09-2	
Naphthalene	ND	ug/kg	5.0	0.92	1		05/23/11 12:33	91-20-3	
Styrene	ND	ug/kg	5.0	0.48	1		05/23/11 12:33	100-42-5	
Tetrachloroethene	ND	ug/kg	5.0	0.64	1		05/23/11 12:33	127-18-4	
Toluene	ND	ug/kg	5.0	0.51	1		05/23/11 12:33	108-88-3	
Trichloroethene	ND	ug/kg	5.0	0.35	1		05/23/11 12:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	0.38	1		05/23/11 12:33	75-69-4	
Vinyl chloride	ND	ug/kg	5.0	0.47	1		05/23/11 12:33	75-01-4	
Xylene (Total)	ND	ug/kg	15.0	1.3	1		05/23/11 12:33	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	5.0	0.35	1		05/23/11 12:33	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	0.22	1		05/23/11 12:33	10061-01-5	
m&p-Xylene	ND	ug/kg	10.0	1.3	1		05/23/11 12:33	179601-23-1	B
n-Butylbenzene	ND	ug/kg	5.0	0.76	1		05/23/11 12:33	104-51-8	
n-Propylbenzene	ND	ug/kg	5.0	0.59	1		05/23/11 12:33	103-65-1	
o-Xylene	ND	ug/kg	5.0	0.54	1		05/23/11 12:33	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	5.0	0.64	1		05/23/11 12:33	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.0	0.70	1		05/23/11 12:33	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.0	0.43	1		05/23/11 12:33	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.0	0.58	1		05/23/11 12:33	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	0.50	1		05/23/11 12:33	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	0.35	1		05/23/11 12:33	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/23/11 12:33	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/23/11 12:33	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 12:33	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		80-143		1		05/23/11 12:33	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.2 %		0.10	0.10	1		05/13/11 16:24		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_13 6-8 Lab ID: 257591027 Collected: 05/10/11 13:44 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	579	mg/kg	13.1	1.9	5	05/16/11 09:16	05/18/11 18:00	7440-38-2	
Cadmium	ND	mg/kg	6.5	0.072	5	05/16/11 09:16	05/18/11 18:00	7440-43-9	
Lead	20.9	mg/kg	1.3	0.082	1	05/16/11 09:16	05/18/11 20:58	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	527	167	1	05/16/11 14:45	05/19/11 18:33	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	74	%	26-135		1	05/16/11 14:45	05/19/11 18:33	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	0.21	1		05/23/11 12:50	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.3	0.26	1		05/23/11 12:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	0.39	1		05/23/11 12:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.3	0.40	1		05/23/11 12:50	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	0.57	1		05/23/11 12:50	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.3	0.34	1		05/23/11 12:50	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.3	0.53	1		05/23/11 12:50	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.3	0.50	1		05/23/11 12:50	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	0.40	1		05/23/11 12:50	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.3	0.49	1		05/23/11 12:50	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	0.35	1		05/23/11 12:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	0.74	1		05/23/11 12:50	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	0.55	1		05/23/11 12:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	0.30	1		05/23/11 12:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	0.35	1		05/23/11 12:50	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.3	0.32	1		05/23/11 12:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.5	0.53	1		05/23/11 12:50	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.3	0.26	1		05/23/11 12:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	0.45	1		05/23/11 12:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.3	0.27	1		05/23/11 12:50	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.3	0.39	1		05/23/11 12:50	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.3	0.34	1		05/23/11 12:50	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.3	0.27	1		05/23/11 12:50	594-20-7	
2-Butanone (MEK)	18.5	ug/kg	14.2	2.2	1		05/23/11 12:50	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.3	0.45	1		05/23/11 12:50	95-49-8	
2-Hexanone	ND	ug/kg	14.2	0.51	1		05/23/11 12:50	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.3	0.38	1		05/23/11 12:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.2	0.43	1		05/23/11 12:50	108-10-1	
Acetone	96.2	ug/kg	14.2	1.6	1		05/23/11 12:50	67-64-1	
Benzene	ND	ug/kg	4.3	0.21	1		05/23/11 12:50	71-43-2	B
Bromobenzene	ND	ug/kg	4.3	0.33	1		05/23/11 12:50	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	0.31	1		05/23/11 12:50	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	0.17	1		05/23/11 12:50	75-27-4	
Bromoform	ND	ug/kg	4.3	0.33	1		05/23/11 12:50	75-25-2	
Bromomethane	ND	ug/kg	4.3	0.45	1		05/23/11 12:50	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 6-8 **Lab ID:** 257591027 Collected: 05/10/11 13:44 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	4.3	0.40	1		05/23/11 12:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	0.26	1		05/23/11 12:50	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	0.26	1		05/23/11 12:50	108-90-7	
Chloroethane	ND	ug/kg	4.3	0.41	1		05/23/11 12:50	75-00-3	
Chloroform	ND	ug/kg	4.3	0.28	1		05/23/11 12:50	67-66-3	
Chloromethane	ND	ug/kg	4.3	0.29	1		05/23/11 12:50	74-87-3	
Dibromochloromethane	ND	ug/kg	4.3	0.14	1		05/23/11 12:50	124-48-1	
Dibromomethane	ND	ug/kg	4.3	0.30	1		05/23/11 12:50	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.3	0.59	1		05/23/11 12:50	75-71-8	
Ethylbenzene	ND	ug/kg	4.3	0.54	1		05/23/11 12:50	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	0.42	1		05/23/11 12:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	0.49	1		05/23/11 12:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.3	0.36	1		05/23/11 12:50	1634-04-4	
Methylene chloride	ND	ug/kg	14.2	3.8	1		05/23/11 12:50	75-09-2	
Naphthalene	ND	ug/kg	4.3	0.78	1		05/23/11 12:50	91-20-3	
Styrene	ND	ug/kg	4.3	0.41	1		05/23/11 12:50	100-42-5	
Tetrachloroethene	ND	ug/kg	4.3	0.54	1		05/23/11 12:50	127-18-4	
Toluene	ND	ug/kg	4.3	0.44	1		05/23/11 12:50	108-88-3	
Trichloroethene	ND	ug/kg	4.3	0.30	1		05/23/11 12:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	0.33	1		05/23/11 12:50	75-69-4	
Vinyl chloride	ND	ug/kg	4.3	0.40	1		05/23/11 12:50	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	1.1	1		05/23/11 12:50	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.3	0.30	1		05/23/11 12:50	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	0.19	1		05/23/11 12:50	10061-01-5	
m&p-Xylene	ND	ug/kg	8.5	1.1	1		05/23/11 12:50	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.3	0.65	1		05/23/11 12:50	104-51-8	
n-Propylbenzene	ND	ug/kg	4.3	0.50	1		05/23/11 12:50	103-65-1	
o-Xylene	ND	ug/kg	4.3	0.46	1		05/23/11 12:50	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.3	0.55	1		05/23/11 12:50	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.3	0.60	1		05/23/11 12:50	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.3	0.37	1		05/23/11 12:50	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.3	0.49	1		05/23/11 12:50	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	0.43	1		05/23/11 12:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	0.30	1		05/23/11 12:50	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 12:50	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/23/11 12:50	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 12:50	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		80-143		1		05/23/11 12:50	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.4 %		0.10	0.10	1		05/13/11 16:25		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 8-10 Lab ID: 257591028 Collected: 05/10/11 13:48 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	812	mg/kg	12.6	1.9	5	05/16/11 09:16	05/18/11 18:03	7440-38-2	
Cadmium	ND	mg/kg	6.3	0.069	5	05/16/11 09:16	05/18/11 18:03	7440-43-9	
Lead	70.1	mg/kg	1.3	0.079	1	05/16/11 09:16	05/18/11 21:01	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	510	162	1	05/16/11 14:45	05/19/11 18:56	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	73	%	26-135		1	05/16/11 14:45	05/19/11 18:56	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	0.27	1		05/23/11 13:07	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.6	0.34	1		05/23/11 13:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	0.52	1		05/23/11 13:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.6	0.52	1		05/23/11 13:07	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.6	0.75	1		05/23/11 13:07	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.6	0.44	1		05/23/11 13:07	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.6	0.69	1		05/23/11 13:07	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.6	0.65	1		05/23/11 13:07	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	0.52	1		05/23/11 13:07	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.6	0.64	1		05/23/11 13:07	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	0.45	1		05/23/11 13:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	0.97	1		05/23/11 13:07	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.3	0.73	1		05/23/11 13:07	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	0.39	1		05/23/11 13:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.6	0.46	1		05/23/11 13:07	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.6	0.41	1		05/23/11 13:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.2	0.69	1		05/23/11 13:07	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.6	0.34	1		05/23/11 13:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	0.60	1		05/23/11 13:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.6	0.36	1		05/23/11 13:07	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.6	0.52	1		05/23/11 13:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.6	0.45	1		05/23/11 13:07	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.6	0.35	1		05/23/11 13:07	594-20-7	
2-Butanone (MEK)	ND	ug/kg	18.7	2.8	1		05/23/11 13:07	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.6	0.59	1		05/23/11 13:07	95-49-8	
2-Hexanone	ND	ug/kg	18.7	0.67	1		05/23/11 13:07	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.6	0.50	1		05/23/11 13:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.7	0.57	1		05/23/11 13:07	108-10-1	
Acetone	90.6	ug/kg	18.7	2.1	1		05/23/11 13:07	67-64-1	
Benzene	ND	ug/kg	5.6	0.28	1		05/23/11 13:07	71-43-2	B
Bromobenzene	ND	ug/kg	5.6	0.44	1		05/23/11 13:07	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	0.41	1		05/23/11 13:07	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	0.22	1		05/23/11 13:07	75-27-4	
Bromoform	ND	ug/kg	5.6	0.43	1		05/23/11 13:07	75-25-2	
Bromomethane	ND	ug/kg	5.6	0.59	1		05/23/11 13:07	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 8-10 Lab ID: 257591028 Collected: 05/10/11 13:48 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	5.6	0.52	1		05/23/11 13:07	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.6	0.34	1		05/23/11 13:07	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	0.34	1		05/23/11 13:07	108-90-7	
Chloroethane	ND	ug/kg	5.6	0.54	1		05/23/11 13:07	75-00-3	
Chloroform	ND	ug/kg	5.6	0.36	1		05/23/11 13:07	67-66-3	
Chloromethane	ND	ug/kg	5.6	0.38	1		05/23/11 13:07	74-87-3	
Dibromochloromethane	ND	ug/kg	5.6	0.19	1		05/23/11 13:07	124-48-1	
Dibromomethane	ND	ug/kg	5.6	0.39	1		05/23/11 13:07	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.6	0.78	1		05/23/11 13:07	75-71-8	
Ethylbenzene	ND	ug/kg	5.6	0.71	1		05/23/11 13:07	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	0.55	1		05/23/11 13:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	0.65	1		05/23/11 13:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.6	0.47	1		05/23/11 13:07	1634-04-4	
Methylene chloride	ND	ug/kg	18.7	4.9	1		05/23/11 13:07	75-09-2	
Naphthalene	ND	ug/kg	5.6	1.0	1		05/23/11 13:07	91-20-3	
Styrene	ND	ug/kg	5.6	0.54	1		05/23/11 13:07	100-42-5	
Tetrachloroethene	ND	ug/kg	5.6	0.71	1		05/23/11 13:07	127-18-4	
Toluene	ND	ug/kg	5.6	0.58	1		05/23/11 13:07	108-88-3	
Trichloroethene	ND	ug/kg	5.6	0.39	1		05/23/11 13:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	0.43	1		05/23/11 13:07	75-69-4	
Vinyl chloride	ND	ug/kg	5.6	0.52	1		05/23/11 13:07	75-01-4	
Xylene (Total)	ND	ug/kg	16.8	1.4	1		05/23/11 13:07	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	5.6	0.39	1		05/23/11 13:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	0.24	1		05/23/11 13:07	10061-01-5	
m&p-Xylene	ND	ug/kg	11.2	1.4	1		05/23/11 13:07	179601-23-1	B
n-Butylbenzene	ND	ug/kg	5.6	0.85	1		05/23/11 13:07	104-51-8	
n-Propylbenzene	ND	ug/kg	5.6	0.66	1		05/23/11 13:07	103-65-1	
o-Xylene	ND	ug/kg	5.6	0.61	1		05/23/11 13:07	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	5.6	0.72	1		05/23/11 13:07	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.6	0.78	1		05/23/11 13:07	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.6	0.48	1		05/23/11 13:07	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.6	0.64	1		05/23/11 13:07	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	0.56	1		05/23/11 13:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	0.39	1		05/23/11 13:07	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/23/11 13:07	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/23/11 13:07	2037-26-5	
4-Bromofluorobenzene (S)	103 %		72-122		1		05/23/11 13:07	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/23/11 13:07	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.0 %		0.10	0.10	1		05/13/11 16:26		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_13 10-12 Lab ID: 257591029 Collected: 05/10/11 13:55 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	647	mg/kg	12.9	1.9	5	05/16/11 09:16	05/18/11 18:06	7440-38-2	
Cadmium	ND	mg/kg	6.4	0.071	5	05/16/11 09:16	05/18/11 18:06	7440-43-9	
Lead	74.9	mg/kg	1.3	0.081	1	05/16/11 09:16	05/18/11 21:04	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	505	160	1	05/16/11 14:45	05/19/11 19:19	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	73	%	26-135		1	05/16/11 14:45	05/19/11 19:19	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	0.21	1		05/23/11 13:24	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.3	0.26	1		05/23/11 13:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	0.39	1		05/23/11 13:24	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.3	0.40	1		05/23/11 13:24	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	0.57	1		05/23/11 13:24	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.3	0.34	1		05/23/11 13:24	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.3	0.53	1		05/23/11 13:24	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.3	0.49	1		05/23/11 13:24	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	0.39	1		05/23/11 13:24	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.3	0.48	1		05/23/11 13:24	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	0.35	1		05/23/11 13:24	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	0.73	1		05/23/11 13:24	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	0.55	1		05/23/11 13:24	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	0.30	1		05/23/11 13:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	0.35	1		05/23/11 13:24	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.3	0.31	1		05/23/11 13:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.5	0.53	1		05/23/11 13:24	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.3	0.26	1		05/23/11 13:24	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	0.45	1		05/23/11 13:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.3	0.27	1		05/23/11 13:24	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.3	0.39	1		05/23/11 13:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.3	0.34	1		05/23/11 13:24	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.3	0.26	1		05/23/11 13:24	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.2	2.1	1		05/23/11 13:24	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.3	0.45	1		05/23/11 13:24	95-49-8	
2-Hexanone	ND	ug/kg	14.2	0.51	1		05/23/11 13:24	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.3	0.38	1		05/23/11 13:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.2	0.43	1		05/23/11 13:24	108-10-1	
Acetone	42.9	ug/kg	14.2	1.6	1		05/23/11 13:24	67-64-1	
Benzene	ND	ug/kg	4.3	0.21	1		05/23/11 13:24	71-43-2	B
Bromobenzene	ND	ug/kg	4.3	0.33	1		05/23/11 13:24	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	0.31	1		05/23/11 13:24	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	0.17	1		05/23/11 13:24	75-27-4	
Bromoform	ND	ug/kg	4.3	0.33	1		05/23/11 13:24	75-25-2	
Bromomethane	ND	ug/kg	4.3	0.45	1		05/23/11 13:24	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 10-12 **Lab ID:** 257591029 Collected: 05/10/11 13:55 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	4.3	0.40	1		05/23/11 13:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	0.26	1		05/23/11 13:24	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	0.26	1		05/23/11 13:24	108-90-7	
Chloroethane	ND	ug/kg	4.3	0.41	1		05/23/11 13:24	75-00-3	
Chloroform	ND	ug/kg	4.3	0.28	1		05/23/11 13:24	67-66-3	
Chloromethane	ND	ug/kg	4.3	0.29	1		05/23/11 13:24	74-87-3	
Dibromochloromethane	ND	ug/kg	4.3	0.14	1		05/23/11 13:24	124-48-1	
Dibromomethane	ND	ug/kg	4.3	0.30	1		05/23/11 13:24	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.3	0.59	1		05/23/11 13:24	75-71-8	
Ethylbenzene	ND	ug/kg	4.3	0.54	1		05/23/11 13:24	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	0.42	1		05/23/11 13:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	0.49	1		05/23/11 13:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.3	0.35	1		05/23/11 13:24	1634-04-4	
Methylene chloride	ND	ug/kg	14.2	3.7	1		05/23/11 13:24	75-09-2	
Naphthalene	ND	ug/kg	4.3	0.78	1		05/23/11 13:24	91-20-3	
Styrene	ND	ug/kg	4.3	0.41	1		05/23/11 13:24	100-42-5	
Tetrachloroethene	ND	ug/kg	4.3	0.54	1		05/23/11 13:24	127-18-4	
Toluene	ND	ug/kg	4.3	0.44	1		05/23/11 13:24	108-88-3	
Trichloroethene	ND	ug/kg	4.3	0.30	1		05/23/11 13:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	0.33	1		05/23/11 13:24	75-69-4	
Vinyl chloride	ND	ug/kg	4.3	0.40	1		05/23/11 13:24	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	1.1	1		05/23/11 13:24	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.3	0.30	1		05/23/11 13:24	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	0.19	1		05/23/11 13:24	10061-01-5	
m&p-Xylene	ND	ug/kg	8.5	1.1	1		05/23/11 13:24	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.3	0.65	1		05/23/11 13:24	104-51-8	
n-Propylbenzene	ND	ug/kg	4.3	0.50	1		05/23/11 13:24	103-65-1	
o-Xylene	ND	ug/kg	4.3	0.46	1		05/23/11 13:24	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.3	0.55	1		05/23/11 13:24	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.3	0.59	1		05/23/11 13:24	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.3	0.37	1		05/23/11 13:24	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.3	0.49	1		05/23/11 13:24	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	0.43	1		05/23/11 13:24	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	0.30	1		05/23/11 13:24	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 13:24	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/23/11 13:24	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 13:24	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		80-143		1		05/23/11 13:24	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.7 %		0.10	0.10	1		05/13/11 16:27		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 12-14 Lab ID: 257591030 Collected: 05/10/11 14:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	203	mg/kg	10	1.5	5	05/16/11 09:16	05/18/11 18:09	7440-38-2	
Cadmium	ND	mg/kg	5.0	0.055	5	05/16/11 09:16	05/18/11 18:09	7440-43-9	
Lead	1.9	mg/kg	1.0	0.063	1	05/16/11 09:16	05/18/11 21:07	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	399	126	1	05/16/11 14:45	05/19/11 19:41	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	76	%	26-135		1	05/16/11 14:45	05/19/11 19:41	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		05/23/11 13:41	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		05/23/11 13:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		05/23/11 13:41	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.32	1		05/23/11 13:41	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		05/23/11 13:41	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.27	1		05/23/11 13:41	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		05/23/11 13:41	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.40	1		05/23/11 13:41	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.32	1		05/23/11 13:41	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		05/23/11 13:41	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		05/23/11 13:41	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.60	1		05/23/11 13:41	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.45	1		05/23/11 13:41	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.24	1		05/23/11 13:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		05/23/11 13:41	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		05/23/11 13:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.43	1		05/23/11 13:41	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		05/23/11 13:41	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.37	1		05/23/11 13:41	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		05/23/11 13:41	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		05/23/11 13:41	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		05/23/11 13:41	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		05/23/11 13:41	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.6	1.7	1		05/23/11 13:41	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.36	1		05/23/11 13:41	95-49-8	
2-Hexanone	ND	ug/kg	11.6	0.42	1		05/23/11 13:41	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		05/23/11 13:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.6	0.35	1		05/23/11 13:41	108-10-1	
Acetone	13.1	ug/kg	11.6	1.3	1		05/23/11 13:41	67-64-1	
Benzene	ND	ug/kg	3.5	0.17	1		05/23/11 13:41	71-43-2	B
Bromobenzene	ND	ug/kg	3.5	0.27	1		05/23/11 13:41	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		05/23/11 13:41	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		05/23/11 13:41	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		05/23/11 13:41	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		05/23/11 13:41	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 12-14 **Lab ID: 257591030** Collected: 05/10/11 14:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.5	0.32	1		05/23/11 13:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		05/23/11 13:41	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		05/23/11 13:41	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.33	1		05/23/11 13:41	75-00-3	
Chloroform	ND	ug/kg	3.5	0.23	1		05/23/11 13:41	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		05/23/11 13:41	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		05/23/11 13:41	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		05/23/11 13:41	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.48	1		05/23/11 13:41	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.44	1		05/23/11 13:41	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.34	1		05/23/11 13:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.40	1		05/23/11 13:41	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		05/23/11 13:41	1634-04-4	
Methylene chloride	ND	ug/kg	11.6	3.1	1		05/23/11 13:41	75-09-2	
Naphthalene	ND	ug/kg	3.5	0.63	1		05/23/11 13:41	91-20-3	
Styrene	ND	ug/kg	3.5	0.33	1		05/23/11 13:41	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.44	1		05/23/11 13:41	127-18-4	
Toluene	ND	ug/kg	3.5	0.36	1		05/23/11 13:41	108-88-3	
Trichloroethene	ND	ug/kg	3.5	0.24	1		05/23/11 13:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		05/23/11 13:41	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.32	1		05/23/11 13:41	75-01-4	
Xylene (Total)	ND	ug/kg	10.4	0.87	1		05/23/11 13:41	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.24	1		05/23/11 13:41	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		05/23/11 13:41	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.87	1		05/23/11 13:41	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		05/23/11 13:41	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		05/23/11 13:41	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		05/23/11 13:41	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.5	0.45	1		05/23/11 13:41	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.48	1		05/23/11 13:41	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		05/23/11 13:41	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		05/23/11 13:41	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		05/23/11 13:41	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.24	1		05/23/11 13:41	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 13:41	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/23/11 13:41	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 13:41	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		80-143		1		05/23/11 13:41	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	19.7 %		0.10	0.10	1		05/13/11 16:28		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 14-16 Lab ID: 257591031 Collected: 05/10/11 14:04 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	87.3	mg/kg	7.9	1.2	5	05/16/11 09:16	05/18/11 18:12	7440-38-2	
Cadmium	ND	mg/kg	4.0	0.044	5	05/16/11 09:16	05/18/11 18:12	7440-43-9	
Lead	8.6	mg/kg	0.79	0.050	1	05/16/11 09:16	05/18/11 21:10	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	380	120	1	05/16/11 14:45	05/19/11 20:04	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80	%	26-135		1	05/16/11 14:45	05/19/11 20:04	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		05/23/11 13:59	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.19	1		05/23/11 13:59	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 13:59	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 13:59	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.41	1		05/23/11 13:59	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		05/23/11 13:59	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		05/23/11 13:59	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		05/23/11 13:59	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		05/23/11 13:59	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.35	1		05/23/11 13:59	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.25	1		05/23/11 13:59	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		05/23/11 13:59	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	0.39	1		05/23/11 13:59	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		05/23/11 13:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		05/23/11 13:59	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		05/23/11 13:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.1	0.37	1		05/23/11 13:59	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		05/23/11 13:59	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		05/23/11 13:59	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		05/23/11 13:59	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		05/23/11 13:59	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 13:59	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		05/23/11 13:59	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.1	1.5	1		05/23/11 13:59	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.32	1		05/23/11 13:59	95-49-8	
2-Hexanone	ND	ug/kg	10.1	0.36	1		05/23/11 13:59	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		05/23/11 13:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.1	0.31	1		05/23/11 13:59	108-10-1	
Acetone	25.3	ug/kg	10.1	1.1	1		05/23/11 13:59	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		05/23/11 13:59	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 13:59	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		05/23/11 13:59	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		05/23/11 13:59	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		05/23/11 13:59	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		05/23/11 13:59	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_13 14-16 Lab ID: 257591031 Collected: 05/10/11 14:04 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.0	0.28	1		05/23/11 13:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		05/23/11 13:59	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		05/23/11 13:59	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		05/23/11 13:59	75-00-3	
Chloroform	ND	ug/kg	3.0	0.20	1		05/23/11 13:59	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		05/23/11 13:59	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		05/23/11 13:59	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		05/23/11 13:59	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		05/23/11 13:59	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		05/23/11 13:59	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		05/23/11 13:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		05/23/11 13:59	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		05/23/11 13:59	1634-04-4	
Methylene chloride	ND	ug/kg	10.1	2.7	1		05/23/11 13:59	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		05/23/11 13:59	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		05/23/11 13:59	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.39	1		05/23/11 13:59	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		05/23/11 13:59	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 13:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		05/23/11 13:59	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		05/23/11 13:59	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	0.76	1		05/23/11 13:59	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 13:59	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		05/23/11 13:59	10061-01-5	
m&p-Xylene	ND	ug/kg	6.1	0.76	1		05/23/11 13:59	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		05/23/11 13:59	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.36	1		05/23/11 13:59	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		05/23/11 13:59	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.0	0.39	1		05/23/11 13:59	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		05/23/11 13:59	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		05/23/11 13:59	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.35	1		05/23/11 13:59	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		05/23/11 13:59	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		05/23/11 13:59	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		80-136		1		05/23/11 13:59	1868-53-7	
Toluene-d8 (S)	101 %		80-120		1		05/23/11 13:59	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 13:59	460-00-4	
1,2-Dichloroethane-d4 (S)	94 %		80-143		1		05/23/11 13:59	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	14.8 %		0.10	0.10	1		05/13/11 16:29		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: Trip Blank 3 **Lab ID: 257591032** Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		05/23/11 08:51	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		05/23/11 08:51	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 08:51	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 08:51	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		05/23/11 08:51	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		05/23/11 08:51	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		05/23/11 08:51	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		05/23/11 08:51	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		05/23/11 08:51	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		05/23/11 08:51	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 08:51	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		05/23/11 08:51	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		05/23/11 08:51	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		05/23/11 08:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		05/23/11 08:51	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		05/23/11 08:51	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		05/23/11 08:51	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		05/23/11 08:51	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		05/23/11 08:51	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		05/23/11 08:51	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		05/23/11 08:51	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 08:51	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		05/23/11 08:51	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		05/23/11 08:51	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		05/23/11 08:51	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		05/23/11 08:51	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		05/23/11 08:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		05/23/11 08:51	108-10-1	
Acetone	ND	ug/kg	10.0	1.1	1		05/23/11 08:51	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		05/23/11 08:51	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.23	1		05/23/11 08:51	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		05/23/11 08:51	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		05/23/11 08:51	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		05/23/11 08:51	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		05/23/11 08:51	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		05/23/11 08:51	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		05/23/11 08:51	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		05/23/11 08:51	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		05/23/11 08:51	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		05/23/11 08:51	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		05/23/11 08:51	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		05/23/11 08:51	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		05/23/11 08:51	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		05/23/11 08:51	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		05/23/11 08:51	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: Trip Blank 3 **Lab ID: 257591032** Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		05/23/11 08:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		05/23/11 08:51	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		05/23/11 08:51	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	2.6	1		05/23/11 08:51	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		05/23/11 08:51	91-20-3	B
Styrene	ND	ug/kg	3.0	0.29	1		05/23/11 08:51	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		05/23/11 08:51	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		05/23/11 08:51	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 08:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		05/23/11 08:51	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		05/23/11 08:51	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		05/23/11 08:51	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 08:51	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		05/23/11 08:51	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		05/23/11 08:51	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		05/23/11 08:51	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		05/23/11 08:51	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		05/23/11 08:51	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		05/23/11 08:51	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		05/23/11 08:51	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		05/23/11 08:51	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		05/23/11 08:51	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		05/23/11 08:51	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		05/23/11 08:51	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		80-136		1		05/23/11 08:51	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/23/11 08:51	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 08:51	460-00-4	
1,2-Dichloroethane-d4 (S)	96 %		80-143		1		05/23/11 08:51	17060-07-0	

Sample: SUP_SL_16 3-4 **Lab ID: 257591033** Collected: 05/10/11 12:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	8510	mg/kg	113	16.8	50	05/16/11 09:16	05/22/11 17:17	7440-38-2	
Cadmium	23.7	mg/kg	5.6	0.062	5	05/16/11 09:16	05/18/11 18:21	7440-43-9	
Lead	85300	mg/kg	563	35.5	500	05/16/11 09:16	05/22/11 17:14	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	511	162	1	05/16/11 14:45	05/19/11 20:27	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	72 %		26-135		1	05/16/11 14:45	05/19/11 20:27	118-79-6	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 77 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 3-4 Lab ID: 257591033 Collected: 05/10/11 12:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	0.19	1		05/23/11 14:15	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.0	0.24	1		05/23/11 14:15	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	0.37	1		05/23/11 14:15	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.0	0.37	1		05/23/11 14:15	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.0	0.53	1		05/23/11 14:15	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.0	0.31	1		05/23/11 14:15	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.0	0.49	1		05/23/11 14:15	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.0	0.46	1		05/23/11 14:15	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	0.37	1		05/23/11 14:15	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.0	0.45	1		05/23/11 14:15	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	0.32	1		05/23/11 14:15	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	0.68	1		05/23/11 14:15	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	0.51	1		05/23/11 14:15	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	0.28	1		05/23/11 14:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.0	0.32	1		05/23/11 14:15	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.0	0.29	1		05/23/11 14:15	107-06-2	
1,2-Dichloroethene (Total)	9.4	ug/kg	7.9	0.49	1		05/23/11 14:15	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.0	0.24	1		05/23/11 14:15	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	0.42	1		05/23/11 14:15	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.0	0.25	1		05/23/11 14:15	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.0	0.37	1		05/23/11 14:15	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.0	0.32	1		05/23/11 14:15	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.0	0.25	1		05/23/11 14:15	594-20-7	
2-Butanone (MEK)	28.3	ug/kg	13.2	2.0	1		05/23/11 14:15	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.0	0.41	1		05/23/11 14:15	95-49-8	
2-Hexanone	ND	ug/kg	13.2	0.47	1		05/23/11 14:15	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.0	0.35	1		05/23/11 14:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.2	0.40	1		05/23/11 14:15	108-10-1	
Acetone	54.8	ug/kg	13.2	1.4	1		05/23/11 14:15	67-64-1	
Benzene	ND	ug/kg	4.0	0.20	1		05/23/11 14:15	71-43-2	B
Bromobenzene	ND	ug/kg	4.0	0.31	1		05/23/11 14:15	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	0.29	1		05/23/11 14:15	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	0.15	1		05/23/11 14:15	75-27-4	
Bromoform	ND	ug/kg	4.0	0.31	1		05/23/11 14:15	75-25-2	
Bromomethane	ND	ug/kg	4.0	0.42	1		05/23/11 14:15	74-83-9	
Carbon disulfide	ND	ug/kg	4.0	0.37	1		05/23/11 14:15	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	0.24	1		05/23/11 14:15	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	0.24	1		05/23/11 14:15	108-90-7	
Chloroethane	ND	ug/kg	4.0	0.38	1		05/23/11 14:15	75-00-3	
Chloroform	ND	ug/kg	4.0	0.26	1		05/23/11 14:15	67-66-3	
Chloromethane	ND	ug/kg	4.0	0.27	1		05/23/11 14:15	74-87-3	
Dibromochloromethane	ND	ug/kg	4.0	0.13	1		05/23/11 14:15	124-48-1	
Dibromomethane	ND	ug/kg	4.0	0.27	1		05/23/11 14:15	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.0	0.55	1		05/23/11 14:15	75-71-8	
Ethylbenzene	ND	ug/kg	4.0	0.50	1		05/23/11 14:15	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 3-4 **Lab ID:** 257591033 Collected: 05/10/11 12:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	0.39	1		05/23/11 14:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	0.46	1		05/23/11 14:15	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.0	0.33	1		05/23/11 14:15	1634-04-4	
Methylene chloride	ND	ug/kg	13.2	3.5	1		05/23/11 14:15	75-09-2	
Naphthalene	ND	ug/kg	4.0	0.72	1		05/23/11 14:15	91-20-3	B
Styrene	ND	ug/kg	4.0	0.38	1		05/23/11 14:15	100-42-5	
Tetrachloroethene	ND	ug/kg	4.0	0.50	1		05/23/11 14:15	127-18-4	
Toluene	ND	ug/kg	4.0	0.41	1		05/23/11 14:15	108-88-3	
Trichloroethene	ND	ug/kg	4.0	0.28	1		05/23/11 14:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	0.30	1		05/23/11 14:15	75-69-4	
Vinyl chloride	ND	ug/kg	4.0	0.37	1		05/23/11 14:15	75-01-4	
Xylene (Total)	ND	ug/kg	11.9	0.99	1		05/23/11 14:15	1330-20-7	B
cis-1,2-Dichloroethene	7.0	ug/kg	4.0	0.28	1		05/23/11 14:15	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	0.17	1		05/23/11 14:15	10061-01-5	
m&p-Xylene	ND	ug/kg	7.9	0.99	1		05/23/11 14:15	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.0	0.60	1		05/23/11 14:15	104-51-8	
n-Propylbenzene	ND	ug/kg	4.0	0.46	1		05/23/11 14:15	103-65-1	
o-Xylene	ND	ug/kg	4.0	0.43	1		05/23/11 14:15	95-47-6	B
p-Isopropyltoluene	4.0	ug/kg	4.0	0.51	1		05/23/11 14:15	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.0	0.55	1		05/23/11 14:15	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.0	0.34	1		05/23/11 14:15	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.0	0.45	1		05/23/11 14:15	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	0.39	1		05/23/11 14:15	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	0.28	1		05/23/11 14:15	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%	80-136		1		05/23/11 14:15	1868-53-7	
Toluene-d8 (S)	101	%	80-120		1		05/23/11 14:15	2037-26-5	
4-Bromofluorobenzene (S)	104	%	72-122		1		05/23/11 14:15	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	80-143		1		05/23/11 14:15	17060-07-0	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	37.1	%	0.10	0.10	1		05/13/11 16:30		

Sample: SUP_SL_16 4-5 **Lab ID:** 257591034 Collected: 05/10/11 12:29 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	565	mg/kg	11.3	1.7	5	05/16/11 09:16	05/18/11 18:24	7440-38-2	
Cadmium	ND	mg/kg	5.7	0.062	5	05/16/11 09:16	05/18/11 18:24	7440-43-9	
Lead	2160	mg/kg	5.7	0.36	5	05/16/11 09:16	05/18/11 18:24	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 4-5 Lab ID: 257591034 Collected: 05/10/11 12:29 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	462	146	1	05/16/11 14:45	05/19/11 20:50	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	73	%	26-135		1	05/16/11 14:45	05/19/11 20:50	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	0.19	1		05/23/11 14:33	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.0	0.24	1		05/23/11 14:33	71-55-6	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	0.37	1		05/23/11 14:33	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.0	0.37	1		05/23/11 14:33	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.0	0.53	1		05/23/11 14:33	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.0	0.31	1		05/23/11 14:33	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.0	0.49	1		05/23/11 14:33	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.0	0.46	1		05/23/11 14:33	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	0.37	1		05/23/11 14:33	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.0	0.45	1		05/23/11 14:33	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	0.32	1		05/23/11 14:33	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	0.68	1		05/23/11 14:33	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	0.51	1		05/23/11 14:33	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	0.28	1		05/23/11 14:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.0	0.32	1		05/23/11 14:33	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.0	0.29	1		05/23/11 14:33	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.9	0.49	1		05/23/11 14:33	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.0	0.24	1		05/23/11 14:33	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	0.42	1		05/23/11 14:33	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.0	0.25	1		05/23/11 14:33	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.0	0.37	1		05/23/11 14:33	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.0	0.32	1		05/23/11 14:33	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.0	0.25	1		05/23/11 14:33	594-20-7	
2-Butanone (MEK)	13.6	ug/kg	13.2	2.0	1		05/23/11 14:33	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.0	0.41	1		05/23/11 14:33	95-49-8	
2-Hexanone	ND	ug/kg	13.2	0.47	1		05/23/11 14:33	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.0	0.35	1		05/23/11 14:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.2	0.40	1		05/23/11 14:33	108-10-1	
Acetone	131	ug/kg	13.2	1.4	1		05/23/11 14:33	67-64-1	
Benzene	ND	ug/kg	4.0	0.20	1		05/23/11 14:33	71-43-2	B
Bromobenzene	ND	ug/kg	4.0	0.31	1		05/23/11 14:33	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	0.29	1		05/23/11 14:33	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	0.16	1		05/23/11 14:33	75-27-4	
Bromoform	ND	ug/kg	4.0	0.31	1		05/23/11 14:33	75-25-2	
Bromomethane	ND	ug/kg	4.0	0.42	1		05/23/11 14:33	74-83-9	
Carbon disulfide	ND	ug/kg	4.0	0.37	1		05/23/11 14:33	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.0	0.24	1		05/23/11 14:33	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	0.24	1		05/23/11 14:33	108-90-7	
Chloroethane	ND	ug/kg	4.0	0.38	1		05/23/11 14:33	75-00-3	
Chloroform	ND	ug/kg	4.0	0.26	1		05/23/11 14:33	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 4-5 Lab ID: 257591034 Collected: 05/10/11 12:29 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	4.0	0.27	1		05/23/11 14:33	74-87-3	
Dibromochloromethane	ND	ug/kg	4.0	0.13	1		05/23/11 14:33	124-48-1	
Dibromomethane	ND	ug/kg	4.0	0.27	1		05/23/11 14:33	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.0	0.55	1		05/23/11 14:33	75-71-8	
Ethylbenzene	ND	ug/kg	4.0	0.50	1		05/23/11 14:33	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	0.39	1		05/23/11 14:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	0.46	1		05/23/11 14:33	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.0	0.33	1		05/23/11 14:33	1634-04-4	
Methylene chloride	ND	ug/kg	13.2	3.5	1		05/23/11 14:33	75-09-2	
Naphthalene	ND	ug/kg	4.0	0.72	1		05/23/11 14:33	91-20-3	
Styrene	ND	ug/kg	4.0	0.38	1		05/23/11 14:33	100-42-5	
Tetrachloroethene	ND	ug/kg	4.0	0.50	1		05/23/11 14:33	127-18-4	
Toluene	ND	ug/kg	4.0	0.41	1		05/23/11 14:33	108-88-3	
Trichloroethene	ND	ug/kg	4.0	0.28	1		05/23/11 14:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	0.30	1		05/23/11 14:33	75-69-4	
Vinyl chloride	ND	ug/kg	4.0	0.37	1		05/23/11 14:33	75-01-4	
Xylene (Total)	ND	ug/kg	11.9	0.99	1		05/23/11 14:33	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.0	0.28	1		05/23/11 14:33	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	0.17	1		05/23/11 14:33	10061-01-5	
m&p-Xylene	ND	ug/kg	7.9	0.99	1		05/23/11 14:33	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.0	0.60	1		05/23/11 14:33	104-51-8	
n-Propylbenzene	ND	ug/kg	4.0	0.46	1		05/23/11 14:33	103-65-1	
o-Xylene	ND	ug/kg	4.0	0.43	1		05/23/11 14:33	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.0	0.51	1		05/23/11 14:33	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.0	0.55	1		05/23/11 14:33	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.0	0.34	1		05/23/11 14:33	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.0	0.45	1		05/23/11 14:33	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	0.39	1		05/23/11 14:33	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	0.28	1		05/23/11 14:33	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%		80-136		1	05/23/11 14:33	1868-53-7	
Toluene-d8 (S)	98	%		80-120		1	05/23/11 14:33	2037-26-5	
4-Bromofluorobenzene (S)	103	%		72-122		1	05/23/11 14:33	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%		80-143		1	05/23/11 14:33	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.4	%		0.10		0.10	1	05/13/11 16:31	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 5-6 Lab ID: 257591035 Collected: 05/10/11 12:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	383	mg/kg	13.3	2.0	5	05/16/11 09:16	05/18/11 18:27	7440-38-2	
Cadmium	ND	mg/kg	6.6	0.073	5	05/16/11 09:16	05/18/11 18:27	7440-43-9	
Lead	662	mg/kg	6.6	0.42	5	05/16/11 09:16	05/18/11 18:27	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	499	158	1	05/16/11 14:45	05/19/11 21:12	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	71	%	26-135		1	05/16/11 14:45	05/19/11 21:12	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	0.21	1		05/23/11 14:50	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.3	0.26	1		05/23/11 14:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	0.40	1		05/23/11 14:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.3	0.40	1		05/23/11 14:50	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	0.58	1		05/23/11 14:50	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.3	0.34	1		05/23/11 14:50	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.3	0.53	1		05/23/11 14:50	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.3	0.50	1		05/23/11 14:50	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	0.40	1		05/23/11 14:50	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.3	0.49	1		05/23/11 14:50	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	0.35	1		05/23/11 14:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	0.74	1		05/23/11 14:50	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	0.56	1		05/23/11 14:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	0.30	1		05/23/11 14:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	0.35	1		05/23/11 14:50	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.3	0.32	1		05/23/11 14:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.6	0.53	1		05/23/11 14:50	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.3	0.26	1		05/23/11 14:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	0.46	1		05/23/11 14:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.3	0.27	1		05/23/11 14:50	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.3	0.40	1		05/23/11 14:50	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.3	0.34	1		05/23/11 14:50	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.3	0.27	1		05/23/11 14:50	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.3	2.2	1		05/23/11 14:50	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.3	0.45	1		05/23/11 14:50	95-49-8	
2-Hexanone	ND	ug/kg	14.3	0.51	1		05/23/11 14:50	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.3	0.38	1		05/23/11 14:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.3	0.43	1		05/23/11 14:50	108-10-1	
Acetone	59.0	ug/kg	14.3	1.6	1		05/23/11 14:50	67-64-1	
Benzene	ND	ug/kg	4.3	0.21	1		05/23/11 14:50	71-43-2	B
Bromobenzene	ND	ug/kg	4.3	0.33	1		05/23/11 14:50	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	0.32	1		05/23/11 14:50	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	0.17	1		05/23/11 14:50	75-27-4	
Bromoform	ND	ug/kg	4.3	0.33	1		05/23/11 14:50	75-25-2	
Bromomethane	ND	ug/kg	4.3	0.45	1		05/23/11 14:50	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 5-6 Lab ID: 257591035 Collected: 05/10/11 12:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	4.3	0.40	1		05/23/11 14:50	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.3	0.26	1		05/23/11 14:50	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	0.26	1		05/23/11 14:50	108-90-7	
Chloroethane	ND	ug/kg	4.3	0.41	1		05/23/11 14:50	75-00-3	
Chloroform	ND	ug/kg	4.3	0.28	1		05/23/11 14:50	67-66-3	
Chloromethane	ND	ug/kg	4.3	0.29	1		05/23/11 14:50	74-87-3	
Dibromochloromethane	ND	ug/kg	4.3	0.14	1		05/23/11 14:50	124-48-1	
Dibromomethane	ND	ug/kg	4.3	0.30	1		05/23/11 14:50	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.3	0.59	1		05/23/11 14:50	75-71-8	
Ethylbenzene	ND	ug/kg	4.3	0.54	1		05/23/11 14:50	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	0.42	1		05/23/11 14:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	0.50	1		05/23/11 14:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.3	0.36	1		05/23/11 14:50	1634-04-4	
Methylene chloride	ND	ug/kg	14.3	3.8	1		05/23/11 14:50	75-09-2	
Naphthalene	ND	ug/kg	4.3	0.78	1		05/23/11 14:50	91-20-3	
Styrene	ND	ug/kg	4.3	0.41	1		05/23/11 14:50	100-42-5	
Tetrachloroethene	ND	ug/kg	4.3	0.55	1		05/23/11 14:50	127-18-4	
Toluene	ND	ug/kg	4.3	0.44	1		05/23/11 14:50	108-88-3	
Trichloroethene	ND	ug/kg	4.3	0.30	1		05/23/11 14:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	0.33	1		05/23/11 14:50	75-69-4	
Vinyl chloride	ND	ug/kg	4.3	0.40	1		05/23/11 14:50	75-01-4	
Xylene (Total)	ND	ug/kg	12.9	1.1	1		05/23/11 14:50	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.3	0.30	1		05/23/11 14:50	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	0.19	1		05/23/11 14:50	10061-01-5	
m&p-Xylene	ND	ug/kg	8.6	1.1	1		05/23/11 14:50	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.3	0.65	1		05/23/11 14:50	104-51-8	
n-Propylbenzene	ND	ug/kg	4.3	0.50	1		05/23/11 14:50	103-65-1	
o-Xylene	ND	ug/kg	4.3	0.47	1		05/23/11 14:50	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.3	0.55	1		05/23/11 14:50	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.3	0.60	1		05/23/11 14:50	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.3	0.37	1		05/23/11 14:50	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.3	0.49	1		05/23/11 14:50	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	0.43	1		05/23/11 14:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	0.30	1		05/23/11 14:50	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 14:50	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 14:50	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 14:50	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		80-143		1		05/23/11 14:50	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	34.0 %		0.10	0.10	1		05/13/11 16:32		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 6-8 Lab ID: 257591036 Collected: 05/10/11 12:40 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	38.6	mg/kg	13.6	2.0	5	05/16/11 09:16	05/18/11 18:30	7440-38-2	
Cadmium	ND	mg/kg	6.8	0.075	5	05/16/11 09:16	05/18/11 18:30	7440-43-9	
Lead	206	mg/kg	1.4	0.085	1	05/16/11 09:16	05/18/11 21:27	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	487	154	1	05/16/11 14:45	05/19/11 21:35	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	72	%	26-135		1	05/16/11 14:45	05/19/11 21:35	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		05/23/11 15:07	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		05/23/11 15:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		05/23/11 15:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		05/23/11 15:07	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.55	1		05/23/11 15:07	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.32	1		05/23/11 15:07	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.50	1		05/23/11 15:07	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.47	1		05/23/11 15:07	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		05/23/11 15:07	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.46	1		05/23/11 15:07	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.33	1		05/23/11 15:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	0.70	1		05/23/11 15:07	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	0.53	1		05/23/11 15:07	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		05/23/11 15:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		05/23/11 15:07	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.1	0.30	1		05/23/11 15:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.1	0.50	1		05/23/11 15:07	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		05/23/11 15:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	0.43	1		05/23/11 15:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		05/23/11 15:07	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		05/23/11 15:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		05/23/11 15:07	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		05/23/11 15:07	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.6	2.1	1		05/23/11 15:07	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		05/23/11 15:07	95-49-8	
2-Hexanone	ND	ug/kg	13.6	0.49	1		05/23/11 15:07	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.36	1		05/23/11 15:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.6	0.41	1		05/23/11 15:07	108-10-1	
Acetone	51.1	ug/kg	13.6	1.5	1		05/23/11 15:07	67-64-1	
Benzene	ND	ug/kg	4.1	0.20	1		05/23/11 15:07	71-43-2	B
Bromobenzene	ND	ug/kg	4.1	0.32	1		05/23/11 15:07	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		05/23/11 15:07	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		05/23/11 15:07	75-27-4	
Bromoform	ND	ug/kg	4.1	0.31	1		05/23/11 15:07	75-25-2	
Bromomethane	ND	ug/kg	4.1	0.43	1		05/23/11 15:07	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 6-8 Lab ID: 257591036 Collected: 05/10/11 12:40 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	4.1	0.38	1		05/23/11 15:07	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		05/23/11 15:07	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	0.25	1		05/23/11 15:07	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.39	1		05/23/11 15:07	75-00-3	
Chloroform	ND	ug/kg	4.1	0.26	1		05/23/11 15:07	67-66-3	
Chloromethane	ND	ug/kg	4.1	0.28	1		05/23/11 15:07	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		05/23/11 15:07	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.28	1		05/23/11 15:07	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.56	1		05/23/11 15:07	75-71-8	
Ethylbenzene	ND	ug/kg	4.1	0.51	1		05/23/11 15:07	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	0.40	1		05/23/11 15:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	0.47	1		05/23/11 15:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.34	1		05/23/11 15:07	1634-04-4	
Methylene chloride	ND	ug/kg	13.6	3.6	1		05/23/11 15:07	75-09-2	
Naphthalene	ND	ug/kg	4.1	0.74	1		05/23/11 15:07	91-20-3	
Styrene	ND	ug/kg	4.1	0.39	1		05/23/11 15:07	100-42-5	
Tetrachloroethene	ND	ug/kg	4.1	0.52	1		05/23/11 15:07	127-18-4	
Toluene	ND	ug/kg	4.1	0.42	1		05/23/11 15:07	108-88-3	
Trichloroethene	ND	ug/kg	4.1	0.28	1		05/23/11 15:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.31	1		05/23/11 15:07	75-69-4	
Vinyl chloride	ND	ug/kg	4.1	0.38	1		05/23/11 15:07	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	1.0	1		05/23/11 15:07	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.1	0.28	1		05/23/11 15:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		05/23/11 15:07	10061-01-5	
m&p-Xylene	ND	ug/kg	8.1	1.0	1		05/23/11 15:07	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.1	0.62	1		05/23/11 15:07	104-51-8	
n-Propylbenzene	ND	ug/kg	4.1	0.48	1		05/23/11 15:07	103-65-1	
o-Xylene	ND	ug/kg	4.1	0.44	1		05/23/11 15:07	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.1	0.52	1		05/23/11 15:07	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.1	0.57	1		05/23/11 15:07	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.35	1		05/23/11 15:07	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.47	1		05/23/11 15:07	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	0.41	1		05/23/11 15:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.29	1		05/23/11 15:07	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 15:07	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/23/11 15:07	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 15:07	460-00-4	
1,2-Dichloroethane-d4 (S)	100 %		80-143		1		05/23/11 15:07	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	33.0 %		0.10	0.10	1		05/13/11 16:32		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_16 8-10 Lab ID: 257591037 Collected: 05/10/11 12:45 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	37.5	mg/kg	11.3	1.7	5	05/16/11 09:16	05/18/11 18:33	7440-38-2	
Cadmium	ND	mg/kg	5.7	0.062	5	05/16/11 09:16	05/18/11 18:33	7440-43-9	
Lead	666	mg/kg	5.7	0.36	5	05/16/11 09:16	05/18/11 18:33	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	505	160	1	05/16/11 14:45	05/19/11 21:58	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	67	%	26-135		1	05/16/11 14:45	05/19/11 21:58	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	0.21	1		05/23/11 15:24	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.4	0.27	1		05/23/11 15:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	0.41	1		05/23/11 15:24	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.4	0.41	1		05/23/11 15:24	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	0.59	1		05/23/11 15:24	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.4	0.35	1		05/23/11 15:24	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.4	0.54	1		05/23/11 15:24	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.4	0.51	1		05/23/11 15:24	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	0.41	1		05/23/11 15:24	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.4	0.50	1		05/23/11 15:24	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	0.36	1		05/23/11 15:24	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	0.76	1		05/23/11 15:24	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	0.57	1		05/23/11 15:24	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	0.31	1		05/23/11 15:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	0.36	1		05/23/11 15:24	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.4	0.33	1		05/23/11 15:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.8	0.54	1		05/23/11 15:24	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.4	0.27	1		05/23/11 15:24	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	0.47	1		05/23/11 15:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.4	0.28	1		05/23/11 15:24	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.4	0.41	1		05/23/11 15:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.4	0.35	1		05/23/11 15:24	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.4	0.27	1		05/23/11 15:24	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.7	2.2	1		05/23/11 15:24	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.4	0.46	1		05/23/11 15:24	95-49-8	
2-Hexanone	ND	ug/kg	14.7	0.53	1		05/23/11 15:24	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.4	0.39	1		05/23/11 15:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.7	0.45	1		05/23/11 15:24	108-10-1	
Acetone	36.7	ug/kg	14.7	1.6	1		05/23/11 15:24	67-64-1	
Benzene	ND	ug/kg	4.4	0.22	1		05/23/11 15:24	71-43-2	B
Bromobenzene	ND	ug/kg	4.4	0.34	1		05/23/11 15:24	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	0.32	1		05/23/11 15:24	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	0.17	1		05/23/11 15:24	75-27-4	
Bromoform	ND	ug/kg	4.4	0.34	1		05/23/11 15:24	75-25-2	
Bromomethane	ND	ug/kg	4.4	0.47	1		05/23/11 15:24	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 8-10 **Lab ID: 257591037** Collected: 05/10/11 12:45 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	4.4	0.41	1		05/23/11 15:24	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.4	0.27	1		05/23/11 15:24	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	0.27	1		05/23/11 15:24	108-90-7	
Chloroethane	ND	ug/kg	4.4	0.42	1		05/23/11 15:24	75-00-3	
Chloroform	ND	ug/kg	4.4	0.29	1		05/23/11 15:24	67-66-3	
Chloromethane	ND	ug/kg	4.4	0.30	1		05/23/11 15:24	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	0.15	1		05/23/11 15:24	124-48-1	
Dibromomethane	ND	ug/kg	4.4	0.31	1		05/23/11 15:24	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.4	0.61	1		05/23/11 15:24	75-71-8	
Ethylbenzene	ND	ug/kg	4.4	0.56	1		05/23/11 15:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	0.44	1		05/23/11 15:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	0.51	1		05/23/11 15:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	0.37	1		05/23/11 15:24	1634-04-4	
Methylene chloride	ND	ug/kg	14.7	3.9	1		05/23/11 15:24	75-09-2	
Naphthalene	ND	ug/kg	4.4	0.80	1		05/23/11 15:24	91-20-3	
Styrene	ND	ug/kg	4.4	0.42	1		05/23/11 15:24	100-42-5	
Tetrachloroethene	ND	ug/kg	4.4	0.56	1		05/23/11 15:24	127-18-4	
Toluene	ND	ug/kg	4.4	0.45	1		05/23/11 15:24	108-88-3	
Trichloroethene	ND	ug/kg	4.4	0.31	1		05/23/11 15:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	0.34	1		05/23/11 15:24	75-69-4	
Vinyl chloride	ND	ug/kg	4.4	0.41	1		05/23/11 15:24	75-01-4	
Xylene (Total)	ND	ug/kg	13.2	1.1	1		05/23/11 15:24	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.4	0.31	1		05/23/11 15:24	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	0.19	1		05/23/11 15:24	10061-01-5	
m&p-Xylene	ND	ug/kg	8.8	1.1	1		05/23/11 15:24	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.4	0.67	1		05/23/11 15:24	104-51-8	
n-Propylbenzene	ND	ug/kg	4.4	0.52	1		05/23/11 15:24	103-65-1	
o-Xylene	ND	ug/kg	4.4	0.48	1		05/23/11 15:24	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.4	0.57	1		05/23/11 15:24	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.4	0.61	1		05/23/11 15:24	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.4	0.38	1		05/23/11 15:24	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.4	0.51	1		05/23/11 15:24	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	0.44	1		05/23/11 15:24	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	0.31	1		05/23/11 15:24	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/23/11 15:24	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/23/11 15:24	2037-26-5	
4-Bromofluorobenzene (S)	100 %		72-122		1		05/23/11 15:24	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		80-143		1		05/23/11 15:24	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	36.0 %		0.10	0.10	1		05/13/11 16:34		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_16 10-12 Lab ID: 257591038 Collected: 05/10/11 12:51 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	124	mg/kg	12.2	1.8	5	05/16/11 09:16	05/18/11 18:36	7440-38-2	
Cadmium	ND	mg/kg	6.1	0.067	5	05/16/11 09:16	05/18/11 18:36	7440-43-9	
Lead	45.1	mg/kg	1.2	0.077	1	05/16/11 09:16	05/18/11 21:33	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	463	147	1	05/16/11 14:45	05/19/11 22:20	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	94	%	26-135		1	05/16/11 14:45	05/19/11 22:20	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	0.19	1		05/23/11 15:41	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.9	0.24	1		05/23/11 15:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	0.36	1		05/23/11 15:41	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.9	0.36	1		05/23/11 15:41	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.9	0.53	1		05/23/11 15:41	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.9	0.31	1		05/23/11 15:41	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.9	0.48	1		05/23/11 15:41	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.9	0.46	1		05/23/11 15:41	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	0.36	1		05/23/11 15:41	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.9	0.45	1		05/23/11 15:41	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	0.32	1		05/23/11 15:41	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	0.68	1		05/23/11 15:41	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.5	0.51	1		05/23/11 15:41	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	0.28	1		05/23/11 15:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	0.32	1		05/23/11 15:41	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.9	0.29	1		05/23/11 15:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.8	0.48	1		05/23/11 15:41	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		05/23/11 15:41	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	0.42	1		05/23/11 15:41	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.9	0.25	1		05/23/11 15:41	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.9	0.36	1		05/23/11 15:41	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.9	0.31	1		05/23/11 15:41	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		05/23/11 15:41	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.1	2.0	1		05/23/11 15:41	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.9	0.41	1		05/23/11 15:41	95-49-8	
2-Hexanone	ND	ug/kg	13.1	0.47	1		05/23/11 15:41	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.9	0.35	1		05/23/11 15:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.1	0.40	1		05/23/11 15:41	108-10-1	
Acetone	26.3	ug/kg	13.1	1.4	1		05/23/11 15:41	67-64-1	
Benzene	ND	ug/kg	3.9	0.20	1		05/23/11 15:41	71-43-2	B
Bromobenzene	ND	ug/kg	3.9	0.31	1		05/23/11 15:41	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	0.29	1		05/23/11 15:41	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	0.15	1		05/23/11 15:41	75-27-4	
Bromoform	ND	ug/kg	3.9	0.30	1		05/23/11 15:41	75-25-2	
Bromomethane	ND	ug/kg	3.9	0.42	1		05/23/11 15:41	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 10-12 Lab ID: 257591038 Collected: 05/10/11 12:51 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.9	0.36	1		05/23/11 15:41	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.9	0.24	1		05/23/11 15:41	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	0.24	1		05/23/11 15:41	108-90-7	
Chloroethane	ND	ug/kg	3.9	0.38	1		05/23/11 15:41	75-00-3	
Chloroform	ND	ug/kg	3.9	0.25	1		05/23/11 15:41	67-66-3	
Chloromethane	ND	ug/kg	3.9	0.27	1		05/23/11 15:41	74-87-3	
Dibromochloromethane	ND	ug/kg	3.9	0.13	1		05/23/11 15:41	124-48-1	
Dibromomethane	ND	ug/kg	3.9	0.27	1		05/23/11 15:41	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.9	0.54	1		05/23/11 15:41	75-71-8	
Ethylbenzene	ND	ug/kg	3.9	0.50	1		05/23/11 15:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	0.39	1		05/23/11 15:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	0.45	1		05/23/11 15:41	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.9	0.33	1		05/23/11 15:41	1634-04-4	
Methylene chloride	ND	ug/kg	13.1	3.4	1		05/23/11 15:41	75-09-2	
Naphthalene	ND	ug/kg	3.9	0.72	1		05/23/11 15:41	91-20-3	
Styrene	ND	ug/kg	3.9	0.38	1		05/23/11 15:41	100-42-5	
Tetrachloroethene	ND	ug/kg	3.9	0.50	1		05/23/11 15:41	127-18-4	
Toluene	ND	ug/kg	3.9	0.40	1		05/23/11 15:41	108-88-3	
Trichloroethene	ND	ug/kg	3.9	0.27	1		05/23/11 15:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	0.30	1		05/23/11 15:41	75-69-4	
Vinyl chloride	ND	ug/kg	3.9	0.37	1		05/23/11 15:41	75-01-4	
Xylene (Total)	ND	ug/kg	11.8	0.98	1		05/23/11 15:41	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.9	0.27	1		05/23/11 15:41	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	0.17	1		05/23/11 15:41	10061-01-5	
m&p-Xylene	ND	ug/kg	7.8	0.98	1		05/23/11 15:41	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.9	0.60	1		05/23/11 15:41	104-51-8	
n-Propylbenzene	ND	ug/kg	3.9	0.46	1		05/23/11 15:41	103-65-1	
o-Xylene	ND	ug/kg	3.9	0.43	1		05/23/11 15:41	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.9	0.50	1		05/23/11 15:41	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.9	0.55	1		05/23/11 15:41	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.9	0.34	1		05/23/11 15:41	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.9	0.45	1		05/23/11 15:41	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	0.39	1		05/23/11 15:41	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	0.27	1		05/23/11 15:41	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 15:41	1868-53-7	
Toluene-d8 (S)	97 %		80-120		1		05/23/11 15:41	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 15:41	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/23/11 15:41	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.1 %		0.10	0.10	1		05/15/11 15:58		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 12-14 Lab ID: 257591039 Collected: 05/10/11 12:59 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	34.4	mg/kg	2.4	0.36	1	05/16/11 09:16	05/18/11 21:36	7440-38-2	4n
Cadmium	ND	mg/kg	1.2	0.013	1	05/16/11 09:16	05/18/11 21:36	7440-43-9	
Lead	1.7	mg/kg	1.2	0.076	1	05/16/11 09:16	05/18/11 21:36	7439-92-1	4n
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	402	127	1	05/16/11 14:45	05/19/11 22:43	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	96	%	26-135		1	05/16/11 14:45	05/19/11 22:43	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		05/23/11 15:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		05/23/11 15:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		05/23/11 15:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.32	1		05/23/11 15:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		05/23/11 15:58	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.27	1		05/23/11 15:58	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		05/23/11 15:58	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.40	1		05/23/11 15:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.32	1		05/23/11 15:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		05/23/11 15:58	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		05/23/11 15:58	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.60	1		05/23/11 15:58	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.45	1		05/23/11 15:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.24	1		05/23/11 15:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		05/23/11 15:58	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		05/23/11 15:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.43	1		05/23/11 15:58	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		05/23/11 15:58	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.37	1		05/23/11 15:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		05/23/11 15:58	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		05/23/11 15:58	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		05/23/11 15:58	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		05/23/11 15:58	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.6	1.7	1		05/23/11 15:58	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.36	1		05/23/11 15:58	95-49-8	
2-Hexanone	ND	ug/kg	11.6	0.42	1		05/23/11 15:58	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		05/23/11 15:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.6	0.35	1		05/23/11 15:58	108-10-1	
Acetone	ND	ug/kg	11.6	1.3	1		05/23/11 15:58	67-64-1	
Benzene	ND	ug/kg	3.5	0.17	1		05/23/11 15:58	71-43-2	B
Bromobenzene	ND	ug/kg	3.5	0.27	1		05/23/11 15:58	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		05/23/11 15:58	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		05/23/11 15:58	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		05/23/11 15:58	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		05/23/11 15:58	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_16 12-14 Lab ID: 257591039 Collected: 05/10/11 12:59 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.5	0.32	1		05/23/11 15:58	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		05/23/11 15:58	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		05/23/11 15:58	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.33	1		05/23/11 15:58	75-00-3	
Chloroform	ND	ug/kg	3.5	0.22	1		05/23/11 15:58	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		05/23/11 15:58	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		05/23/11 15:58	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		05/23/11 15:58	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.48	1		05/23/11 15:58	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.44	1		05/23/11 15:58	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.34	1		05/23/11 15:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.40	1		05/23/11 15:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		05/23/11 15:58	1634-04-4	
Methylene chloride	ND	ug/kg	11.6	3.1	1		05/23/11 15:58	75-09-2	Z3
Naphthalene	ND	ug/kg	3.5	0.63	1		05/23/11 15:58	91-20-3	
Styrene	ND	ug/kg	3.5	0.33	1		05/23/11 15:58	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.44	1		05/23/11 15:58	127-18-4	
Toluene	ND	ug/kg	3.5	0.36	1		05/23/11 15:58	108-88-3	
Trichloroethene	ND	ug/kg	3.5	0.24	1		05/23/11 15:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		05/23/11 15:58	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.32	1		05/23/11 15:58	75-01-4	
Xylene (Total)	ND	ug/kg	10.4	0.87	1		05/23/11 15:58	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.24	1		05/23/11 15:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		05/23/11 15:58	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.87	1		05/23/11 15:58	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		05/23/11 15:58	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		05/23/11 15:58	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		05/23/11 15:58	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.5	0.45	1		05/23/11 15:58	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.48	1		05/23/11 15:58	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		05/23/11 15:58	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		05/23/11 15:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		05/23/11 15:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.24	1		05/23/11 15:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		80-136		1		05/23/11 15:58	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 15:58	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 15:58	460-00-4	
1,2-Dichloroethane-d4 (S)	95 %		80-143		1		05/23/11 15:58	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	19.1 %		0.10	0.10	1		05/15/11 15:59		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_16 14-16 Lab ID: 257591040 Collected: 05/10/11 13:03 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	48.2	mg/kg	9.4	1.4	5	05/16/11 09:16	05/22/11 18:44	7440-38-2	
Cadmium	ND	mg/kg	4.7	0.052	5	05/16/11 09:16	05/18/11 19:06	7440-43-9	
Lead	272	mg/kg	0.94	0.059	1	05/16/11 09:16	05/18/11 21:57	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	382	121	1	05/16/11 14:45	05/19/11 23:06	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	93	%	26-135		1	05/16/11 14:45	05/19/11 23:06	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.16	1		05/23/11 16:15	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.20	1		05/23/11 16:15	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.30	1		05/23/11 16:15	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.30	1		05/23/11 16:15	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.44	1		05/23/11 16:15	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.26	1		05/23/11 16:15	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.40	1		05/23/11 16:15	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.2	0.38	1		05/23/11 16:15	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.30	1		05/23/11 16:15	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.37	1		05/23/11 16:15	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		05/23/11 16:15	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.56	1		05/23/11 16:15	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	0.42	1		05/23/11 16:15	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.23	1		05/23/11 16:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.27	1		05/23/11 16:15	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.24	1		05/23/11 16:15	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.5	0.40	1		05/23/11 16:15	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		05/23/11 16:15	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		05/23/11 16:15	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.21	1		05/23/11 16:15	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.30	1		05/23/11 16:15	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		05/23/11 16:15	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		05/23/11 16:15	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.8	1.6	1		05/23/11 16:15	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.34	1		05/23/11 16:15	95-49-8	
2-Hexanone	ND	ug/kg	10.8	0.39	1		05/23/11 16:15	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.29	1		05/23/11 16:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	0.33	1		05/23/11 16:15	108-10-1	
Acetone	26.0	ug/kg	10.8	1.2	1		05/23/11 16:15	67-64-1	
Benzene	ND	ug/kg	3.2	0.16	1		05/23/11 16:15	71-43-2	B
Bromobenzene	ND	ug/kg	3.2	0.25	1		05/23/11 16:15	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.24	1		05/23/11 16:15	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.13	1		05/23/11 16:15	75-27-4	
Bromoform	ND	ug/kg	3.2	0.25	1		05/23/11 16:15	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		05/23/11 16:15	74-83-9	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_16 14-16 Lab ID: 257591040 Collected: 05/10/11 13:03 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	3.2	0.30	1		05/23/11 16:15	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.2	0.20	1		05/23/11 16:15	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.20	1		05/23/11 16:15	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.31	1		05/23/11 16:15	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		05/23/11 16:15	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		05/23/11 16:15	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		05/23/11 16:15	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.23	1		05/23/11 16:15	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.45	1		05/23/11 16:15	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.41	1		05/23/11 16:15	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.32	1		05/23/11 16:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		05/23/11 16:15	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.27	1		05/23/11 16:15	1634-04-4	
Methylene chloride	ND	ug/kg	10.8	2.9	1		05/23/11 16:15	75-09-2	
Naphthalene	ND	ug/kg	3.2	0.59	1		05/23/11 16:15	91-20-3	
Styrene	ND	ug/kg	3.2	0.31	1		05/23/11 16:15	100-42-5	
Tetrachloroethene	ND	ug/kg	3.2	0.41	1		05/23/11 16:15	127-18-4	
Toluene	ND	ug/kg	3.2	0.33	1		05/23/11 16:15	108-88-3	
Trichloroethene	ND	ug/kg	3.2	0.23	1		05/23/11 16:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.25	1		05/23/11 16:15	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		05/23/11 16:15	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	0.81	1		05/23/11 16:15	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.23	1		05/23/11 16:15	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		05/23/11 16:15	10061-01-5	
m&p-Xylene	ND	ug/kg	6.5	0.81	1		05/23/11 16:15	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.2	0.49	1		05/23/11 16:15	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.38	1		05/23/11 16:15	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.35	1		05/23/11 16:15	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.2	0.42	1		05/23/11 16:15	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.45	1		05/23/11 16:15	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.28	1		05/23/11 16:15	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.37	1		05/23/11 16:15	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		05/23/11 16:15	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.23	1		05/23/11 16:15	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 16:15	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 16:15	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 16:15	460-00-4	
1,2-Dichloroethane-d4 (S)	96 %		80-143		1		05/23/11 16:15	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	15.0 %		0.10	0.10	1		05/15/11 16:00		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_17 8-10 **Lab ID: 257591041** Collected: 05/10/11 10:20 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	923	mg/kg	9.8	1.5	5	05/16/11 09:16	05/22/11 18:47	7440-38-2	
Cadmium	ND	mg/kg	4.9	0.054	5	05/16/11 09:16	05/18/11 19:09	7440-43-9	
Lead	4000	mg/kg	9.8	0.62	10	05/16/11 09:16	05/22/11 17:29	7439-92-1	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	1.2	mg/kg	0.23	0.0050	2	05/16/11 09:35	05/18/11 12:37	7439-97-6	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	463	147	1	05/16/11 14:45	05/19/11 23:29	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80	%	26-135		1	05/16/11 14:45	05/19/11 23:29	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	0.20	1		05/23/11 16:32	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.2	0.26	1		05/23/11 16:32	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	0.39	1		05/23/11 16:32	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.2	0.39	1		05/23/11 16:32	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	0.56	1		05/23/11 16:32	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.2	0.33	1		05/23/11 16:32	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.2	0.52	1		05/23/11 16:32	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.2	0.49	1		05/23/11 16:32	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	0.39	1		05/23/11 16:32	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.2	0.48	1		05/23/11 16:32	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	0.34	1		05/23/11 16:32	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	0.72	1		05/23/11 16:32	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	0.54	1		05/23/11 16:32	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	0.29	1		05/23/11 16:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	0.34	1		05/23/11 16:32	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.2	0.31	1		05/23/11 16:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.4	0.52	1		05/23/11 16:32	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.2	0.25	1		05/23/11 16:32	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	0.45	1		05/23/11 16:32	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.2	0.27	1		05/23/11 16:32	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.2	0.39	1		05/23/11 16:32	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.2	0.33	1		05/23/11 16:32	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.2	0.26	1		05/23/11 16:32	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.0	2.1	1		05/23/11 16:32	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.2	0.44	1		05/23/11 16:32	95-49-8	
2-Hexanone	ND	ug/kg	14.0	0.50	1		05/23/11 16:32	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.2	0.37	1		05/23/11 16:32	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.0	0.42	1		05/23/11 16:32	108-10-1	
Acetone	50.5	ug/kg	14.0	1.5	1		05/23/11 16:32	67-64-1	
Benzene	ND	ug/kg	4.2	0.21	1		05/23/11 16:32	71-43-2	B
Bromobenzene	ND	ug/kg	4.2	0.33	1		05/23/11 16:32	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	0.31	1		05/23/11 16:32	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_17 8-10 Lab ID: 257591041 Collected: 05/10/11 10:20 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
Bromodichloromethane	ND	ug/kg	4.2	0.16	1		05/23/11 16:32	75-27-4	
Bromoform	ND	ug/kg	4.2	0.32	1		05/23/11 16:32	75-25-2	
Bromomethane	ND	ug/kg	4.2	0.44	1		05/23/11 16:32	74-83-9	
Carbon disulfide	ND	ug/kg	4.2	0.39	1		05/23/11 16:32	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.2	0.25	1		05/23/11 16:32	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	0.26	1		05/23/11 16:32	108-90-7	
Chloroethane	ND	ug/kg	4.2	0.40	1		05/23/11 16:32	75-00-3	
Chloroform	ND	ug/kg	4.2	0.27	1		05/23/11 16:32	67-66-3	
Chloromethane	ND	ug/kg	4.2	0.29	1		05/23/11 16:32	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	0.14	1		05/23/11 16:32	124-48-1	
Dibromomethane	ND	ug/kg	4.2	0.29	1		05/23/11 16:32	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.2	0.58	1		05/23/11 16:32	75-71-8	
Ethylbenzene	ND	ug/kg	4.2	0.53	1		05/23/11 16:32	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	0.41	1		05/23/11 16:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	0.48	1		05/23/11 16:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	0.35	1		05/23/11 16:32	1634-04-4	
Methylene chloride	ND	ug/kg	14.0	3.7	1		05/23/11 16:32	75-09-2	
Naphthalene	ND	ug/kg	4.2	0.77	1		05/23/11 16:32	91-20-3	B
Styrene	ND	ug/kg	4.2	0.40	1		05/23/11 16:32	100-42-5	
Tetrachloroethene	ND	ug/kg	4.2	0.53	1		05/23/11 16:32	127-18-4	
Toluene	ND	ug/kg	4.2	0.43	1		05/23/11 16:32	108-88-3	
Trichloroethene	ND	ug/kg	4.2	0.29	1		05/23/11 16:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	0.32	1		05/23/11 16:32	75-69-4	
Vinyl chloride	ND	ug/kg	4.2	0.39	1		05/23/11 16:32	75-01-4	
Xylene (Total)	ND	ug/kg	12.6	1.0	1		05/23/11 16:32	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.2	0.29	1		05/23/11 16:32	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	0.18	1		05/23/11 16:32	10061-01-5	
m&p-Xylene	ND	ug/kg	8.4	1.0	1		05/23/11 16:32	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.2	0.64	1		05/23/11 16:32	104-51-8	
n-Propylbenzene	ND	ug/kg	4.2	0.49	1		05/23/11 16:32	103-65-1	
o-Xylene	ND	ug/kg	4.2	0.45	1		05/23/11 16:32	95-47-6	
p-Isopropyltoluene	18.6	ug/kg	4.2	0.54	1		05/23/11 16:32	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.2	0.58	1		05/23/11 16:32	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.2	0.36	1		05/23/11 16:32	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.2	0.48	1		05/23/11 16:32	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	0.42	1		05/23/11 16:32	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	0.29	1		05/23/11 16:32	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 16:32	1868-53-7	
Toluene-d8 (S)	97 %		80-120		1		05/23/11 16:32	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 16:32	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		80-143		1		05/23/11 16:32	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	30.8 %	0.10	0.10	1	05/15/11 16:00
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_17 10-12 **Lab ID:** 257591042 Collected: 05/10/11 10:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	695	mg/kg	8.6	1.3	5	05/16/11 09:16	05/22/11 18:50	7440-38-2	
Cadmium	ND	mg/kg	4.3	0.047	5	05/16/11 09:16	05/18/11 19:12	7440-43-9	
Lead	114	mg/kg	0.86	0.054	1	05/16/11 09:16	05/18/11 22:02	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	ND	mg/kg	0.11	0.0023	1	05/16/11 09:35	05/18/11 12:15	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	401	127	1	05/16/11 14:45	05/19/11 23:51	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	90	%	26-135		1	05/16/11 14:45	05/19/11 23:51	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		05/23/11 16:49	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		05/23/11 16:49	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		05/23/11 16:49	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		05/23/11 16:49	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.45	1		05/23/11 16:49	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		05/23/11 16:49	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		05/23/11 16:49	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.39	1		05/23/11 16:49	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		05/23/11 16:49	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		05/23/11 16:49	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		05/23/11 16:49	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.58	1		05/23/11 16:49	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.44	1		05/23/11 16:49	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.24	1		05/23/11 16:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.28	1		05/23/11 16:49	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.25	1		05/23/11 16:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.41	1		05/23/11 16:49	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		05/23/11 16:49	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.36	1		05/23/11 16:49	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		05/23/11 16:49	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		05/23/11 16:49	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/23/11 16:49	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		05/23/11 16:49	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.2	1.7	1		05/23/11 16:49	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		05/23/11 16:49	95-49-8	
2-Hexanone	ND	ug/kg	11.2	0.40	1		05/23/11 16:49	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.30	1		05/23/11 16:49	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.2	0.34	1		05/23/11 16:49	108-10-1	
Acetone	15.1	ug/kg	11.2	1.2	1		05/23/11 16:49	67-64-1	
Benzene	ND	ug/kg	3.3	0.17	1		05/23/11 16:49	71-43-2	B
Bromobenzene	ND	ug/kg	3.3	0.26	1		05/23/11 16:49	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.25	1		05/23/11 16:49	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_17 10-12 Lab ID: 257591042 Collected: 05/10/11 10:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		05/23/11 16:49	75-27-4	
Bromoform	ND	ug/kg	3.3	0.26	1		05/23/11 16:49	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		05/23/11 16:49	74-83-9	
Carbon disulfide	ND	ug/kg	3.3	0.31	1		05/23/11 16:49	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		05/23/11 16:49	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		05/23/11 16:49	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		05/23/11 16:49	75-00-3	
Chloroform	ND	ug/kg	3.3	0.22	1		05/23/11 16:49	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		05/23/11 16:49	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		05/23/11 16:49	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		05/23/11 16:49	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		05/23/11 16:49	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		05/23/11 16:49	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		05/23/11 16:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.39	1		05/23/11 16:49	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.28	1		05/23/11 16:49	1634-04-4	
Methylene chloride	ND	ug/kg	11.2	2.9	1		05/23/11 16:49	75-09-2	Z3
Naphthalene	ND	ug/kg	3.3	0.61	1		05/23/11 16:49	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		05/23/11 16:49	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.43	1		05/23/11 16:49	127-18-4	
Toluene	ND	ug/kg	3.3	0.34	1		05/23/11 16:49	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		05/23/11 16:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.26	1		05/23/11 16:49	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		05/23/11 16:49	75-01-4	
Xylene (Total)	ND	ug/kg	10.0	0.84	1		05/23/11 16:49	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		05/23/11 16:49	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.15	1		05/23/11 16:49	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.84	1		05/23/11 16:49	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.3	0.51	1		05/23/11 16:49	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		05/23/11 16:49	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		05/23/11 16:49	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.43	1		05/23/11 16:49	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.47	1		05/23/11 16:49	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.29	1		05/23/11 16:49	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.39	1		05/23/11 16:49	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		05/23/11 16:49	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		05/23/11 16:49	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		80-136		1		05/23/11 16:49	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 16:49	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 16:49	460-00-4	
1,2-Dichloroethane-d4 (S)	97 %		80-143		1		05/23/11 16:49	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	18.3 %	0.10	0.10	1	05/15/11 16:01
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_17 12-14 Lab ID: 257591043 Collected: 05/10/11 10:51 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	141	mg/kg	1.9	0.29	1	05/16/11 09:16	05/18/11 22:05	7440-38-2	
Cadmium	ND	mg/kg	0.96	0.011	1	05/16/11 09:16	05/18/11 22:05	7440-43-9	
Lead	17.4	mg/kg	0.96	0.060	1	05/16/11 09:16	05/18/11 22:05	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	ND	mg/kg	0.11	0.0023	1	05/16/11 09:35	05/18/11 12:18	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	391	124	1	05/16/11 14:45	05/20/11 00:14	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	93	%	26-135		1	05/16/11 14:45	05/20/11 00:14	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		05/23/11 10:40	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		05/23/11 10:40	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.32	1		05/23/11 10:40	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		05/23/11 10:40	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		05/23/11 10:40	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		05/23/11 10:40	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		05/23/11 10:40	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		05/23/11 10:40	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.32	1		05/23/11 10:40	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		05/23/11 10:40	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		05/23/11 10:40	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		05/23/11 10:40	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.45	1		05/23/11 10:40	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		05/23/11 10:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		05/23/11 10:40	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		05/23/11 10:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.42	1		05/23/11 10:40	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/23/11 10:40	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		05/23/11 10:40	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		05/23/11 10:40	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.32	1		05/23/11 10:40	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		05/23/11 10:40	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/23/11 10:40	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.4	1.7	1		05/23/11 10:40	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		05/23/11 10:40	95-49-8	
2-Hexanone	ND	ug/kg	11.4	0.41	1		05/23/11 10:40	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		05/23/11 10:40	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.4	0.35	1		05/23/11 10:40	108-10-1	
Acetone	19.5	ug/kg	11.4	1.3	1		05/23/11 10:40	67-64-1	
Benzene	ND	ug/kg	3.4	0.17	1		05/23/11 10:40	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.27	1		05/23/11 10:40	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		05/23/11 10:40	74-97-5	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 98 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_17 12-14 Lab ID: 257591043 Collected: 05/10/11 10:51 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		05/23/11 10:40	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		05/23/11 10:40	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		05/23/11 10:40	74-83-9	
Carbon disulfide	ND	ug/kg	3.4	0.32	1		05/23/11 10:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		05/23/11 10:40	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		05/23/11 10:40	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		05/23/11 10:40	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		05/23/11 10:40	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.24	1		05/23/11 10:40	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		05/23/11 10:40	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		05/23/11 10:40	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		05/23/11 10:40	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		05/23/11 10:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		05/23/11 10:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.40	1		05/23/11 10:40	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.29	1		05/23/11 10:40	1634-04-4	
Methylene chloride	ND	ug/kg	11.4	3.0	1		05/23/11 10:40	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.63	1		05/23/11 10:40	91-20-3	
Styrene	ND	ug/kg	3.4	0.33	1		05/23/11 10:40	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.44	1		05/23/11 10:40	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		05/23/11 10:40	108-88-3	B
Trichloroethene	ND	ug/kg	3.4	0.24	1		05/23/11 10:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		05/23/11 10:40	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		05/23/11 10:40	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	0.86	1		05/23/11 10:40	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		05/23/11 10:40	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		05/23/11 10:40	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.86	1		05/23/11 10:40	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		05/23/11 10:40	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		05/23/11 10:40	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		05/23/11 10:40	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		05/23/11 10:40	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.48	1		05/23/11 10:40	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.30	1		05/23/11 10:40	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		05/23/11 10:40	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		05/23/11 10:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		05/23/11 10:40	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 10:40	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/23/11 10:40	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 10:40	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		80-143		1		05/23/11 10:40	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	16.0 %	0.10	0.10	1	05/15/11 16:02
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_17_14-16 **Lab ID:** 257591044 Collected: 05/10/11 11:02 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	59.1	mg/kg	8.5	1.3	5	05/16/11 09:16	05/22/11 18:52	7440-38-2	
Cadmium	ND	mg/kg	4.2	0.047	5	05/16/11 09:16	05/18/11 19:18	7440-43-9	
Lead	1950	mg/kg	8.5	0.53	10	05/16/11 09:16	05/22/11 17:32	7439-92-1	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	ND	mg/kg	0.10	0.0022	1	05/16/11 09:35	05/18/11 12:20	7439-97-6	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	372	118	1	05/18/11 10:40	05/20/11 13:18	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	85	%	26-135		1	05/18/11 10:40	05/20/11 13:18	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		05/23/11 17:06	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		05/23/11 17:06	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.30	1		05/23/11 17:06	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		05/23/11 17:06	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.44	1		05/23/11 17:06	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		05/23/11 17:06	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		05/23/11 17:06	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.38	1		05/23/11 17:06	563-58-6	M1
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.30	1		05/23/11 17:06	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.37	1		05/23/11 17:06	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		05/23/11 17:06	120-82-1	M1
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.57	1		05/23/11 17:06	95-63-6	B,M1
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		05/23/11 17:06	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		05/23/11 17:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/23/11 17:06	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.24	1		05/23/11 17:06	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.6	0.41	1		05/23/11 17:06	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		05/23/11 17:06	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		05/23/11 17:06	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		05/23/11 17:06	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.30	1		05/23/11 17:06	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.26	1		05/23/11 17:06	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		05/23/11 17:06	594-20-7	M1
2-Butanone (MEK)	ND	ug/kg	11.0	1.7	1		05/23/11 17:06	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.34	1		05/23/11 17:06	95-49-8	
2-Hexanone	ND	ug/kg	11.0	0.39	1		05/23/11 17:06	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		05/23/11 17:06	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.0	0.33	1		05/23/11 17:06	108-10-1	
Acetone	32.8	ug/kg	11.0	1.2	1		05/23/11 17:06	67-64-1	M1
Benzene	ND	ug/kg	3.3	0.16	1		05/23/11 17:06	71-43-2	B
Bromobenzene	ND	ug/kg	3.3	0.26	1		05/23/11 17:06	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		05/23/11 17:06	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_17 14-16 Lab ID: 257591044 Collected: 05/10/11 11:02 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		05/23/11 17:06	75-27-4	
Bromoform	ND	ug/kg	3.3	0.25	1		05/23/11 17:06	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		05/23/11 17:06	74-83-9	
Carbon disulfide	ND	ug/kg	3.3	0.31	1		05/23/11 17:06	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		05/23/11 17:06	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		05/23/11 17:06	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		05/23/11 17:06	75-00-3	
Chloroform	ND	ug/kg	3.3	0.21	1		05/23/11 17:06	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		05/23/11 17:06	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		05/23/11 17:06	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		05/23/11 17:06	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		05/23/11 17:06	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		05/23/11 17:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		05/23/11 17:06	87-68-3	M1
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		05/23/11 17:06	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.27	1		05/23/11 17:06	1634-04-4	
Methylene chloride	ND	ug/kg	11.0	2.9	1		05/23/11 17:06	75-09-2	Z3
Naphthalene	ND	ug/kg	3.3	0.60	1		05/23/11 17:06	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		05/23/11 17:06	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		05/23/11 17:06	127-18-4	
Toluene	ND	ug/kg	3.3	0.34	1		05/23/11 17:06	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		05/23/11 17:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		05/23/11 17:06	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		05/23/11 17:06	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	0.82	1		05/23/11 17:06	1330-20-7	B,M1
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		05/23/11 17:06	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		05/23/11 17:06	10061-01-5	M1
m&p-Xylene	ND	ug/kg	6.6	0.82	1		05/23/11 17:06	179601-23-1	B,M1
n-Butylbenzene	ND	ug/kg	3.3	0.50	1		05/23/11 17:06	104-51-8	M1
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		05/23/11 17:06	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		05/23/11 17:06	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.42	1		05/23/11 17:06	99-87-6	M1
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		05/23/11 17:06	135-98-8	M1
tert-Amylmethyl ether	ND	ug/kg	3.3	0.28	1		05/23/11 17:06	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		05/23/11 17:06	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		05/23/11 17:06	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		05/23/11 17:06	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		80-136		1		05/23/11 17:06	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/23/11 17:06	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 17:06	460-00-4	
1,2-Dichloroethane-d4 (S)	94 %		80-143		1		05/23/11 17:06	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	12.5 %	0.10	0.10	1	05/15/11 16:02
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_17_Dup Lab ID: 257591045 Collected: 05/10/11 10:32 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1120	mg/kg	11.9	1.8	5	05/16/11 09:16	05/22/11 18:55	7440-38-2	
Cadmium	ND	mg/kg	6.0	0.065	5	05/16/11 09:16	05/18/11 19:21	7440-43-9	
Lead	4870	mg/kg	11.9	0.75	10	05/16/11 09:16	05/22/11 17:35	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.30	mg/kg	0.089	0.0019	1	05/16/11 09:35	05/18/11 12:22	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	418	132	1	05/18/11 10:40	05/20/11 13:41	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79	%	26-135		1	05/18/11 10:40	05/20/11 13:41	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	0.18	1		05/23/11 11:00	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	0.22	1		05/23/11 11:00	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	0.33	1		05/23/11 11:00	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	0.34	1		05/23/11 11:00	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	0.49	1		05/23/11 11:00	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	0.29	1		05/23/11 11:00	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	0.45	1		05/23/11 11:00	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.6	0.42	1		05/23/11 11:00	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	0.33	1		05/23/11 11:00	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	0.41	1		05/23/11 11:00	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	0.29	1		05/23/11 11:00	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	0.62	1		05/23/11 11:00	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	0.47	1		05/23/11 11:00	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	0.25	1		05/23/11 11:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	0.30	1		05/23/11 11:00	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	0.27	1		05/23/11 11:00	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.2	0.45	1		05/23/11 11:00	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		05/23/11 11:00	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.38	1		05/23/11 11:00	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		05/23/11 11:00	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.33	1		05/23/11 11:00	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		05/23/11 11:00	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		05/23/11 11:00	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.0	1.8	1		05/23/11 11:00	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	0.38	1		05/23/11 11:00	95-49-8	
2-Hexanone	ND	ug/kg	12.0	0.43	1		05/23/11 11:00	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		05/23/11 11:00	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.0	0.37	1		05/23/11 11:00	108-10-1	
Acetone	13.6	ug/kg	12.0	1.3	1		05/23/11 11:00	67-64-1	
Benzene	ND	ug/kg	3.6	0.18	1		05/23/11 11:00	71-43-2	
Bromobenzene	ND	ug/kg	3.6	0.28	1		05/23/11 11:00	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.27	1		05/23/11 11:00	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_17_Dup Lab ID: 257591045 Collected: 05/10/11 10:32 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		05/23/11 11:00	75-27-4	
Bromoform	ND	ug/kg	3.6	0.28	1		05/23/11 11:00	75-25-2	
Bromomethane	ND	ug/kg	3.6	0.38	1		05/23/11 11:00	74-83-9	
Carbon disulfide	ND	ug/kg	3.6	0.34	1		05/23/11 11:00	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	0.22	1		05/23/11 11:00	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		05/23/11 11:00	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.35	1		05/23/11 11:00	75-00-3	
Chloroform	ND	ug/kg	3.6	0.23	1		05/23/11 11:00	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.25	1		05/23/11 11:00	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		05/23/11 11:00	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		05/23/11 11:00	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.50	1		05/23/11 11:00	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.46	1		05/23/11 11:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.36	1		05/23/11 11:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.42	1		05/23/11 11:00	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		05/23/11 11:00	1634-04-4	
Methylene chloride	ND	ug/kg	12.0	3.2	1		05/23/11 11:00	75-09-2	
Naphthalene	ND	ug/kg	3.6	0.66	1		05/23/11 11:00	91-20-3	
Styrene	ND	ug/kg	3.6	0.35	1		05/23/11 11:00	100-42-5	
Tetrachloroethene	ND	ug/kg	3.6	0.46	1		05/23/11 11:00	127-18-4	
Toluene	ND	ug/kg	3.6	0.37	1		05/23/11 11:00	108-88-3	B
Trichloroethene	ND	ug/kg	3.6	0.25	1		05/23/11 11:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	0.28	1		05/23/11 11:00	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.34	1		05/23/11 11:00	75-01-4	
Xylene (Total)	ND	ug/kg	10.8	0.90	1		05/23/11 11:00	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	0.25	1		05/23/11 11:00	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.16	1		05/23/11 11:00	10061-01-5	
m&p-Xylene	ND	ug/kg	7.2	0.90	1		05/23/11 11:00	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	0.55	1		05/23/11 11:00	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	0.42	1		05/23/11 11:00	103-65-1	
o-Xylene	ND	ug/kg	3.6	0.39	1		05/23/11 11:00	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	0.46	1		05/23/11 11:00	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.50	1		05/23/11 11:00	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	0.31	1		05/23/11 11:00	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.42	1		05/23/11 11:00	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	0.36	1		05/23/11 11:00	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		05/23/11 11:00	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 11:00	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/23/11 11:00	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 11:00	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/23/11 11:00	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 21.5 % 0.10 0.10 1 05/15/11 16:03

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: Trip Blank 4 **Lab ID: 257591046** Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		05/23/11 10:00	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		05/23/11 10:00	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 10:00	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 10:00	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		05/23/11 10:00	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		05/23/11 10:00	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		05/23/11 10:00	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		05/23/11 10:00	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		05/23/11 10:00	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		05/23/11 10:00	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 10:00	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		05/23/11 10:00	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		05/23/11 10:00	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		05/23/11 10:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		05/23/11 10:00	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		05/23/11 10:00	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		05/23/11 10:00	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		05/23/11 10:00	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		05/23/11 10:00	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		05/23/11 10:00	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		05/23/11 10:00	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 10:00	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		05/23/11 10:00	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		05/23/11 10:00	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		05/23/11 10:00	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		05/23/11 10:00	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		05/23/11 10:00	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		05/23/11 10:00	108-10-1	
Acetone	13.1	ug/kg	10.0	1.1	1		05/23/11 10:00	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		05/23/11 10:00	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		05/23/11 10:00	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		05/23/11 10:00	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		05/23/11 10:00	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		05/23/11 10:00	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		05/23/11 10:00	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		05/23/11 10:00	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		05/23/11 10:00	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		05/23/11 10:00	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		05/23/11 10:00	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		05/23/11 10:00	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		05/23/11 10:00	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		05/23/11 10:00	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		05/23/11 10:00	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		05/23/11 10:00	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		05/23/11 10:00	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: Trip Blank 4 **Lab ID: 257591046** Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		05/23/11 10:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		05/23/11 10:00	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		05/23/11 10:00	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	2.6	1		05/23/11 10:00	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		05/23/11 10:00	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		05/23/11 10:00	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		05/23/11 10:00	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		05/23/11 10:00	108-88-3	B
Trichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 10:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		05/23/11 10:00	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		05/23/11 10:00	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		05/23/11 10:00	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 10:00	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		05/23/11 10:00	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		05/23/11 10:00	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		05/23/11 10:00	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		05/23/11 10:00	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		05/23/11 10:00	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		05/23/11 10:00	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		05/23/11 10:00	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		05/23/11 10:00	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		05/23/11 10:00	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		05/23/11 10:00	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		05/23/11 10:00	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 10:00	1868-53-7	
Toluene-d8 (S)	102 %		80-120		1		05/23/11 10:00	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 10:00	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/23/11 10:00	17060-07-0	

Sample: SUP_SL_26 5-9 **Lab ID: 257591047** Collected: 05/10/11 09:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	36000	mg/kg	241	35.9	100	05/16/11 09:16	05/22/11 17:41	7440-38-2	
Cadmium	127	mg/kg	1.2	0.013	1	05/16/11 09:16	05/18/11 22:14	7440-43-9	
Lead	69700	mg/kg	301	19.0	250	05/16/11 09:16	05/22/11 17:38	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	542	172	1	05/18/11 10:40	05/20/11 14:04	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	84 %		26-135		1	05/18/11 10:40	05/20/11 14:04	118-79-6	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 105 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_26 5-9 **Lab ID: 257591047** Collected: 05/10/11 09:35 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	40.3	%	0.10	0.10	1		05/15/11 16:04		

Sample: SUP_SL_26 9-10 **Lab ID: 257591048** Collected: 05/10/11 09:40 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	26.4	4.2	1	05/17/11 10:05	05/18/11 01:43		
Motor Oil Range SG	ND	mg/kg	106	28.4	1	05/17/11 10:05	05/18/11 01:43	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103	%	50-150		1	05/17/11 10:05	05/18/11 01:43	630-02-4	
o-Terphenyl (S) SG	96	%	50-150		1	05/17/11 10:05	05/18/11 01:43	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	ND	mg/kg	8.3	0.33	1	05/19/11 08:00	05/19/11 12:52		
Surrogates									
a,a,a-Trifluorotoluene (S)	127	%	50-150		1	05/19/11 08:00	05/19/11 12:52	98-08-8	
4-Bromofluorobenzene (S)	82	%	50-150		1	05/19/11 08:00	05/19/11 12:52	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	406	mg/kg	2.4	0.36	1	05/16/11 09:16	05/18/11 22:17	7440-38-2	
Cadmium	ND	mg/kg	1.2	0.013	1	05/16/11 09:16	05/18/11 22:17	7440-43-9	
Lead	535	mg/kg	1.2	0.076	1	05/16/11 09:16	05/18/11 22:17	7439-92-1	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	ND	mg/kg	0.11	0.0022	1	05/16/11 09:35	05/18/11 12:29	7439-97-6	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	440	139	1	05/18/11 10:40	05/20/11 14:26	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	89	%	26-135		1	05/18/11 10:40	05/20/11 14:26	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	0.17	1		05/23/11 11:20	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	0.22	1		05/23/11 11:20	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	0.33	1		05/23/11 11:20	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	0.33	1		05/23/11 11:20	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	0.48	1		05/23/11 11:20	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	0.28	1		05/23/11 11:20	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	0.44	1		05/23/11 11:20	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.6	0.41	1		05/23/11 11:20	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	0.33	1		05/23/11 11:20	87-61-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_26 9-10 **Lab ID: 257591048** Collected: 05/10/11 09:40 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2,3-Trichloropropane	ND	ug/kg	3.6	0.41	1		05/23/11 11:20	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	0.29	1		05/23/11 11:20	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	0.61	1		05/23/11 11:20	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	0.46	1		05/23/11 11:20	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	0.25	1		05/23/11 11:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		05/23/11 11:20	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	0.26	1		05/23/11 11:20	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.1	0.44	1		05/23/11 11:20	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.21	1		05/23/11 11:20	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.38	1		05/23/11 11:20	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		05/23/11 11:20	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.33	1		05/23/11 11:20	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.28	1		05/23/11 11:20	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		05/23/11 11:20	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.9	1.8	1		05/23/11 11:20	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	0.37	1		05/23/11 11:20	95-49-8	
2-Hexanone	ND	ug/kg	11.9	0.43	1		05/23/11 11:20	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		05/23/11 11:20	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.9	0.36	1		05/23/11 11:20	108-10-1	
Acetone	26.1	ug/kg	11.9	1.3	1		05/23/11 11:20	67-64-1	
Benzene	ND	ug/kg	3.6	0.18	1		05/23/11 11:20	71-43-2	
Bromobenzene	ND	ug/kg	3.6	0.28	1		05/23/11 11:20	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.26	1		05/23/11 11:20	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		05/23/11 11:20	75-27-4	
Bromoform	ND	ug/kg	3.6	0.27	1		05/23/11 11:20	75-25-2	
Bromomethane	ND	ug/kg	3.6	0.38	1		05/23/11 11:20	74-83-9	
Carbon disulfide	ND	ug/kg	3.6	0.33	1		05/23/11 11:20	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	0.22	1		05/23/11 11:20	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		05/23/11 11:20	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.34	1		05/23/11 11:20	75-00-3	
Chloroform	ND	ug/kg	3.6	0.23	1		05/23/11 11:20	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.24	1		05/23/11 11:20	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		05/23/11 11:20	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		05/23/11 11:20	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.49	1		05/23/11 11:20	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.45	1		05/23/11 11:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.35	1		05/23/11 11:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.41	1		05/23/11 11:20	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		05/23/11 11:20	1634-04-4	
Methylene chloride	ND	ug/kg	11.9	3.1	1		05/23/11 11:20	75-09-2	
Naphthalene	ND	ug/kg	3.6	0.65	1		05/23/11 11:20	91-20-3	
Styrene	ND	ug/kg	3.6	0.34	1		05/23/11 11:20	100-42-5	
Tetrachloroethene	ND	ug/kg	3.6	0.45	1		05/23/11 11:20	127-18-4	
Toluene	ND	ug/kg	3.6	0.37	1		05/23/11 11:20	108-88-3	B
Trichloroethene	ND	ug/kg	3.6	0.25	1		05/23/11 11:20	79-01-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_26 9-10 **Lab ID: 257591048** Collected: 05/10/11 09:40 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Trichlorofluoromethane	ND	ug/kg	3.6	0.27	1		05/23/11 11:20	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.33	1		05/23/11 11:20	75-01-4	
Xylene (Total)	ND	ug/kg	10.7	0.89	1		05/23/11 11:20	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	0.25	1		05/23/11 11:20	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.15	1		05/23/11 11:20	10061-01-5	
m&p-Xylene	ND	ug/kg	7.1	0.89	1		05/23/11 11:20	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	0.54	1		05/23/11 11:20	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	0.42	1		05/23/11 11:20	103-65-1	
o-Xylene	ND	ug/kg	3.6	0.39	1		05/23/11 11:20	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	0.46	1		05/23/11 11:20	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.50	1		05/23/11 11:20	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	0.31	1		05/23/11 11:20	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.41	1		05/23/11 11:20	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	0.36	1		05/23/11 11:20	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		05/23/11 11:20	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		80-136		1		05/23/11 11:20	1868-53-7	
Toluene-d8 (S)	101 %		80-120		1		05/23/11 11:20	2037-26-5	
4-Bromofluorobenzene (S)	105 %		72-122		1		05/23/11 11:20	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		80-143		1		05/23/11 11:20	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.1 %		0.10	0.10	1		05/15/11 16:05		

Sample: SUP_SL_26 10-12 **Lab ID: 257591049** Collected: 05/10/11 09:42 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	23.1	3.7	1	05/17/11 10:05	05/18/11 01:59		
Motor Oil Range SG	ND	mg/kg	92.5	24.9	1	05/17/11 10:05	05/18/11 01:59	64742-65-0	
Surrogates									
n-Octacosane (S) SG	108 %		50-150		1	05/17/11 10:05	05/18/11 01:59	630-02-4	
o-Terphenyl (S) SG	103 %		50-150		1	05/17/11 10:05	05/18/11 01:59	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	ND	mg/kg	7.4	0.29	1	05/19/11 08:00	05/19/11 13:39		
Surrogates									
a,a,a-Trifluorotoluene (S)	122 %		50-150		1	05/19/11 08:00	05/19/11 13:39	98-08-8	
4-Bromofluorobenzene (S)	78 %		50-150		1	05/19/11 08:00	05/19/11 13:39	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_26 10-12 Lab ID: 257591049 Collected: 05/10/11 09:42 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	111	mg/kg	2.3	0.34	1	05/16/11 09:16	05/18/11 22:20	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.013	1	05/16/11 09:16	05/18/11 22:20	7440-43-9	
Lead	297	mg/kg	1.1	0.072	1	05/16/11 09:16	05/18/11 22:20	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.083	0.0018	1	05/16/11 09:35	05/18/11 12:31	7439-97-6	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	397	126	1	05/18/11 10:40	05/20/11 14:49	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	86	%	26-135		1	05/18/11 10:40	05/20/11 14:49	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.16	1		05/24/11 14:07	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		05/24/11 14:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		05/24/11 14:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		05/24/11 14:07	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.45	1		05/24/11 14:07	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		05/24/11 14:07	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		05/24/11 14:07	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		05/24/11 14:07	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		05/24/11 14:07	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		05/24/11 14:07	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.27	1		05/24/11 14:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.58	1		05/24/11 14:07	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.44	1		05/24/11 14:07	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		05/24/11 14:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		05/24/11 14:07	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		05/24/11 14:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.8	0.42	1		05/24/11 14:07	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		05/24/11 14:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		05/24/11 14:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.21	1		05/24/11 14:07	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		05/24/11 14:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		05/24/11 14:07	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/24/11 14:07	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.3	1.7	1		05/24/11 14:07	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.35	1		05/24/11 14:07	95-49-8	
2-Hexanone	ND	ug/kg	11.3	0.41	1		05/24/11 14:07	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		05/24/11 14:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.3	0.34	1		05/24/11 14:07	108-10-1	
Acetone	19.7	ug/kg	11.3	1.2	1		05/24/11 14:07	67-64-1	
Benzene	ND	ug/kg	3.4	0.17	1		05/24/11 14:07	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.26	1		05/24/11 14:07	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		05/24/11 14:07	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_26 10-12 Lab ID: 257591049 Collected: 05/10/11 09:42 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		05/24/11 14:07	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		05/24/11 14:07	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		05/24/11 14:07	74-83-9	
Carbon disulfide	ND	ug/kg	3.4	0.31	1		05/24/11 14:07	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.20	1		05/24/11 14:07	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		05/24/11 14:07	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		05/24/11 14:07	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		05/24/11 14:07	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		05/24/11 14:07	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		05/24/11 14:07	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		05/24/11 14:07	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		05/24/11 14:07	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		05/24/11 14:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.33	1		05/24/11 14:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		05/24/11 14:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		05/24/11 14:07	1634-04-4	
Methylene chloride	ND	ug/kg	11.3	3.0	1		05/24/11 14:07	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.62	1		05/24/11 14:07	91-20-3	
Styrene	ND	ug/kg	3.4	0.32	1		05/24/11 14:07	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		05/24/11 14:07	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		05/24/11 14:07	108-88-3	B
Trichloroethene	ND	ug/kg	3.4	0.24	1		05/24/11 14:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		05/24/11 14:07	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		05/24/11 14:07	75-01-4	
Xylene (Total)	ND	ug/kg	10.1	0.84	1		05/24/11 14:07	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		05/24/11 14:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		05/24/11 14:07	10061-01-5	
m&p-Xylene	ND	ug/kg	6.8	0.84	1		05/24/11 14:07	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		05/24/11 14:07	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		05/24/11 14:07	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		05/24/11 14:07	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.43	1		05/24/11 14:07	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		05/24/11 14:07	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		05/24/11 14:07	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		05/24/11 14:07	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		05/24/11 14:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		05/24/11 14:07	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/24/11 14:07	1868-53-7	
Toluene-d8 (S)	102 %		80-120		1		05/24/11 14:07	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/24/11 14:07	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		80-143		1		05/24/11 14:07	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	17.9 %	0.10	0.10	1	05/15/11 16:06
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_26 12-14 **Lab ID: 257591050** Collected: 05/10/11 09:48 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	23.2	3.7	1	05/17/11 10:05	05/18/11 02:15		
Motor Oil Range SG	ND	mg/kg	92.7	24.9	1	05/17/11 10:05	05/18/11 02:15	64742-65-0	
Surrogates									
n-Octacosane (S) SG	107 %		50-150		1	05/17/11 10:05	05/18/11 02:15	630-02-4	
o-Terphenyl (S) SG	102 %		50-150		1	05/17/11 10:05	05/18/11 02:15	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	ND	mg/kg	6.7	0.27	1	05/19/11 08:00	05/19/11 14:25		
Surrogates									
a,a,a-Trifluorotoluene (S)	121 %		50-150		1	05/19/11 08:00	05/19/11 14:25	98-08-8	
4-Bromofluorobenzene (S)	74 %		50-150		1	05/19/11 08:00	05/19/11 14:25	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1520	mg/kg	11.5	1.7	5	05/16/11 09:16	05/22/11 18:58	7440-38-2	
Cadmium	4.7	mg/kg	1.1	0.013	1	05/16/11 09:16	05/18/11 22:29	7440-43-9	
Lead	12000	mg/kg	57.4	3.6	50	05/16/11 09:16	05/22/11 17:47	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.51	mg/kg	0.081	0.0017	1	05/16/11 09:35	05/18/11 12:33	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	391	124	1	05/18/11 10:40	05/20/11 15:12	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	83 %		26-135		1	05/18/11 10:40	05/20/11 15:12	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.18	1		05/23/11 11:59	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		05/23/11 11:59	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		05/23/11 11:59	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.35	1		05/23/11 11:59	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.51	1		05/23/11 11:59	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		05/23/11 11:59	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.47	1		05/23/11 11:59	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.44	1		05/23/11 11:59	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		05/23/11 11:59	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.43	1		05/23/11 11:59	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.31	1		05/23/11 11:59	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	0.65	1		05/23/11 11:59	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	0.49	1		05/23/11 11:59	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.27	1		05/23/11 11:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		05/23/11 11:59	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		05/23/11 11:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.6	0.47	1		05/23/11 11:59	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		05/23/11 11:59	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.40	1		05/23/11 11:59	108-67-8	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 111 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_26 12-14 Lab ID: 257591050 Collected: 05/10/11 09:48 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		05/23/11 11:59	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		05/23/11 11:59	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.30	1		05/23/11 11:59	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		05/23/11 11:59	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.6	1.9	1		05/23/11 11:59	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.40	1		05/23/11 11:59	95-49-8	
2-Hexanone	ND	ug/kg	12.6	0.45	1		05/23/11 11:59	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.33	1		05/23/11 11:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.6	0.38	1		05/23/11 11:59	108-10-1	
Acetone	13.2	ug/kg	12.6	1.4	1		05/23/11 11:59	67-64-1	
Benzene	ND	ug/kg	3.8	0.19	1		05/23/11 11:59	71-43-2	
Bromobenzene	ND	ug/kg	3.8	0.30	1		05/23/11 11:59	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		05/23/11 11:59	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		05/23/11 11:59	75-27-4	
Bromoform	ND	ug/kg	3.8	0.29	1		05/23/11 11:59	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.40	1		05/23/11 11:59	74-83-9	
Carbon disulfide	ND	ug/kg	3.8	0.35	1		05/23/11 11:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		05/23/11 11:59	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		05/23/11 11:59	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.36	1		05/23/11 11:59	75-00-3	
Chloroform	ND	ug/kg	3.8	0.24	1		05/23/11 11:59	67-66-3	
Chloromethane	ND	ug/kg	3.8	0.26	1		05/23/11 11:59	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		05/23/11 11:59	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.26	1		05/23/11 11:59	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.52	1		05/23/11 11:59	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.48	1		05/23/11 11:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.37	1		05/23/11 11:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.44	1		05/23/11 11:59	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.31	1		05/23/11 11:59	1634-04-4	
Methylene chloride	ND	ug/kg	12.6	3.3	1		05/23/11 11:59	75-09-2	
Naphthalene	ND	ug/kg	3.8	0.69	1		05/23/11 11:59	91-20-3	
Styrene	ND	ug/kg	3.8	0.36	1		05/23/11 11:59	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	0.48	1		05/23/11 11:59	127-18-4	
Toluene	ND	ug/kg	3.8	0.39	1		05/23/11 11:59	108-88-3	B
Trichloroethene	ND	ug/kg	3.8	0.26	1		05/23/11 11:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		05/23/11 11:59	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	0.35	1		05/23/11 11:59	75-01-4	
Xylene (Total)	ND	ug/kg	11.3	0.94	1		05/23/11 11:59	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	0.26	1		05/23/11 11:59	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.16	1		05/23/11 11:59	10061-01-5	
m&p-Xylene	ND	ug/kg	7.6	0.94	1		05/23/11 11:59	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	0.58	1		05/23/11 11:59	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	0.44	1		05/23/11 11:59	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.41	1		05/23/11 11:59	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	0.48	1		05/23/11 11:59	99-87-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_26 12-14 **Lab ID: 257591050** Collected: 05/10/11 09:48 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/kg	3.8	0.53	1		05/23/11 11:59	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.33	1		05/23/11 11:59	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.43	1		05/23/11 11:59	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		05/23/11 11:59	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.26	1		05/23/11 11:59	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/23/11 11:59	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 11:59	2037-26-5	
4-Bromofluorobenzene (S)	103 %		72-122		1		05/23/11 11:59	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		80-143		1		05/23/11 11:59	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	16.2 %		0.10	0.10	1		05/15/11 16:07		

Sample: SUP_SL_26 14-16 **Lab ID: 257591051** Collected: 05/10/11 09:55 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	22.7	3.6	1	05/17/11 10:05	05/18/11 02:31		
Motor Oil Range SG	ND	mg/kg	90.7	24.4	1	05/17/11 10:05	05/18/11 02:31	64742-65-0	
Surrogates									
n-Octacosane (S) SG	106 %		50-150		1	05/17/11 10:05	05/18/11 02:31	630-02-4	
o-Terphenyl (S) SG	103 %		50-150		1	05/17/11 10:05	05/18/11 02:31	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	ND	mg/kg	7.0	0.28	1	05/19/11 14:41	05/19/11 14:48		
Surrogates									
a,a,a-Trifluorotoluene (S)	120 %		50-150		1	05/19/11 14:41	05/19/11 14:48	98-08-8	
4-Bromofluorobenzene (S)	72 %		50-150		1	05/19/11 14:41	05/19/11 14:48	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	35.6	mg/kg	2.4	0.35	1	05/16/11 09:16	05/18/11 22:32	7440-38-2	
Cadmium	ND	mg/kg	1.2	0.013	1	05/16/11 09:16	05/18/11 22:32	7440-43-9	
Lead	36.0	mg/kg	1.2	0.074	1	05/16/11 09:16	05/18/11 22:32	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.074	0.0016	1	05/16/11 09:35	05/18/11 12:35	7439-97-6	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	398	126	1	05/18/11 10:40	05/20/11 16:20	87-86-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_26 14-16 Lab ID: 257591051 Collected: 05/10/11 09:55 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
2,4,6-Tribromophenol (S)	90 %		26-135		1	05/18/11 10:40	05/20/11 16:20	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		05/23/11 12:19	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		05/23/11 12:19	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		05/23/11 12:19	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		05/23/11 12:19	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.45	1		05/23/11 12:19	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		05/23/11 12:19	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		05/23/11 12:19	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.39	1		05/23/11 12:19	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		05/23/11 12:19	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		05/23/11 12:19	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		05/23/11 12:19	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.58	1		05/23/11 12:19	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.43	1		05/23/11 12:19	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		05/23/11 12:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/23/11 12:19	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.25	1		05/23/11 12:19	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.41	1		05/23/11 12:19	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		05/23/11 12:19	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		05/23/11 12:19	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		05/23/11 12:19	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		05/23/11 12:19	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/23/11 12:19	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		05/23/11 12:19	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.1	1.7	1		05/23/11 12:19	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		05/23/11 12:19	95-49-8	
2-Hexanone	ND	ug/kg	11.1	0.40	1		05/23/11 12:19	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.30	1		05/23/11 12:19	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.1	0.34	1		05/23/11 12:19	108-10-1	
Acetone	17.0	ug/kg	11.1	1.2	1		05/23/11 12:19	67-64-1	
Benzene	ND	ug/kg	3.3	0.17	1		05/23/11 12:19	71-43-2	
Bromobenzene	ND	ug/kg	3.3	0.26	1		05/23/11 12:19	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.25	1		05/23/11 12:19	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		05/23/11 12:19	75-27-4	
Bromoform	ND	ug/kg	3.3	0.26	1		05/23/11 12:19	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		05/23/11 12:19	74-83-9	
Carbon disulfide	ND	ug/kg	3.3	0.31	1		05/23/11 12:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		05/23/11 12:19	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		05/23/11 12:19	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		05/23/11 12:19	75-00-3	
Chloroform	ND	ug/kg	3.3	0.22	1		05/23/11 12:19	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		05/23/11 12:19	74-87-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_26 14-16 Lab ID: 257591051 Collected: 05/10/11 09:55 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		05/23/11 12:19	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		05/23/11 12:19	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		05/23/11 12:19	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		05/23/11 12:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		05/23/11 12:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.39	1		05/23/11 12:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.28	1		05/23/11 12:19	1634-04-4	
Methylene chloride	ND	ug/kg	11.1	2.9	1		05/23/11 12:19	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.61	1		05/23/11 12:19	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		05/23/11 12:19	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.43	1		05/23/11 12:19	127-18-4	
Toluene	ND	ug/kg	3.3	0.34	1		05/23/11 12:19	108-88-3	B
Trichloroethene	ND	ug/kg	3.3	0.23	1		05/23/11 12:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		05/23/11 12:19	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		05/23/11 12:19	75-01-4	
Xylene (Total)	ND	ug/kg	10.0	0.83	1		05/23/11 12:19	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		05/23/11 12:19	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.15	1		05/23/11 12:19	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.83	1		05/23/11 12:19	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.51	1		05/23/11 12:19	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		05/23/11 12:19	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		05/23/11 12:19	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.43	1		05/23/11 12:19	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.47	1		05/23/11 12:19	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.29	1		05/23/11 12:19	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		05/23/11 12:19	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		05/23/11 12:19	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		05/23/11 12:19	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/23/11 12:19	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 12:19	2037-26-5	
4-Bromofluorobenzene (S)	99 %		72-122		1		05/23/11 12:19	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		80-143		1		05/23/11 12:19	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.8 %		0.10	0.10	1		05/15/11 16:07		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_27 3-4 **Lab ID:** 257591052 Collected: 05/10/11 08:45 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	42.8	mg/kg	31.1	4.9	1	05/17/11 10:05	05/18/11 05:13		
Motor Oil Range SG	ND	mg/kg	124	33.5	1	05/17/11 10:05	05/18/11 05:13	64742-65-0	
Surrogates									
n-Octacosane (S) SG	101	%	50-150		1	05/17/11 10:05	05/18/11 05:13	630-02-4	
o-Terphenyl (S) SG	91	%	50-150		1	05/17/11 10:05	05/18/11 05:13	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	ND	mg/kg	7.5	0.30	1	05/19/11 14:41	05/19/11 15:11		
Surrogates									
a,a,a-Trifluorotoluene (S)	106	%	50-150		1	05/19/11 14:41	05/19/11 15:11	98-08-8	
4-Bromofluorobenzene (S)	65	%	50-150		1	05/19/11 14:41	05/19/11 15:11	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	13200	mg/kg	214	31.8	100	05/16/11 09:16	05/22/11 17:53	7440-38-2	
Cadmium	46.4	mg/kg	1.1	0.012	1	05/16/11 09:16	05/18/11 22:35	7440-43-9	
Lead	48500	mg/kg	267	16.8	250	05/16/11 09:16	05/22/11 17:50	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	505	160	1	05/18/11 10:40	05/20/11 20:52	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	88	%	26-135		1	05/18/11 10:40	05/20/11 20:52	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	1.7	0.081	1		05/23/11 12:39	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	1.7	0.10	1		05/23/11 12:39	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.7	0.15	1		05/23/11 12:39	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	1.7	0.15	1		05/23/11 12:39	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	1.7	0.22	1		05/23/11 12:39	76-13-1	
1,1-Dichloroethane	ND	ug/kg	1.7	0.13	1		05/23/11 12:39	75-34-3	
1,1-Dichloroethene	ND	ug/kg	1.7	0.20	1		05/23/11 12:39	75-35-4	
1,1-Dichloropropene	ND	ug/kg	1.7	0.19	1		05/23/11 12:39	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	1.7	0.15	1		05/23/11 12:39	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	1.7	0.19	1		05/23/11 12:39	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	1.7	0.13	1		05/23/11 12:39	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	1.7	0.29	1		05/23/11 12:39	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	2.8	0.22	1		05/23/11 12:39	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	1.7	0.12	1		05/23/11 12:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	1.7	0.14	1		05/23/11 12:39	95-50-1	
1,2-Dichloroethane	ND	ug/kg	1.7	0.12	1		05/23/11 12:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.3	0.20	1		05/23/11 12:39	540-59-0	
1,2-Dichloropropane	ND	ug/kg	1.7	0.10	1		05/23/11 12:39	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	1.7	0.18	1		05/23/11 12:39	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	1.7	0.10	1		05/23/11 12:39	541-73-1	
1,3-Dichloropropane	ND	ug/kg	1.7	0.15	1		05/23/11 12:39	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	1.7	0.13	1		05/23/11 12:39	106-46-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 3-4 Lab ID: 257591052 Collected: 05/10/11 08:45 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2,2-Dichloropropane	ND	ug/kg	1.7	0.10	1		05/23/11 12:39	594-20-7	
2-Butanone (MEK)	ND	ug/kg	5.5	0.83	1		05/23/11 12:39	78-93-3	
2-Chlorotoluene	ND	ug/kg	1.7	0.17	1		05/23/11 12:39	95-49-8	
2-Hexanone	ND	ug/kg	5.5	0.20	1		05/23/11 12:39	591-78-6	
4-Chlorotoluene	ND	ug/kg	1.7	0.15	1		05/23/11 12:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	5.5	0.17	1		05/23/11 12:39	108-10-1	
Acetone	8.8	ug/kg	5.5	0.61	1		05/23/11 12:39	67-64-1	
Benzene	ND	ug/kg	1.7	0.083	1		05/23/11 12:39	71-43-2	
Bromobenzene	ND	ug/kg	1.7	0.13	1		05/23/11 12:39	108-86-1	
Bromochloromethane	ND	ug/kg	1.7	0.12	1		05/23/11 12:39	74-97-5	
Bromodichloromethane	ND	ug/kg	1.7	0.065	1		05/23/11 12:39	75-27-4	
Bromoform	ND	ug/kg	1.7	0.13	1		05/23/11 12:39	75-25-2	
Bromomethane	ND	ug/kg	1.7	0.18	1		05/23/11 12:39	74-83-9	
Carbon disulfide	ND	ug/kg	1.7	0.15	1		05/23/11 12:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	1.7	0.10	1		05/23/11 12:39	56-23-5	
Chlorobenzene	ND	ug/kg	1.7	0.10	1		05/23/11 12:39	108-90-7	
Chloroethane	ND	ug/kg	1.7	0.16	1		05/23/11 12:39	75-00-3	
Chloroform	ND	ug/kg	1.7	0.11	1		05/23/11 12:39	67-66-3	
Chloromethane	ND	ug/kg	1.7	0.11	1		05/23/11 12:39	74-87-3	
Dibromochloromethane	ND	ug/kg	1.7	0.056	1		05/23/11 12:39	124-48-1	
Dibromomethane	ND	ug/kg	1.7	0.12	1		05/23/11 12:39	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	1.7	0.23	1		05/23/11 12:39	75-71-8	
Ethylbenzene	ND	ug/kg	1.7	0.21	1		05/23/11 12:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1.7	0.16	1		05/23/11 12:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	1.7	0.19	1		05/23/11 12:39	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	1.7	0.14	1		05/23/11 12:39	1634-04-4	
Methylene chloride	ND	ug/kg	5.5	1.5	1		05/23/11 12:39	75-09-2	
Naphthalene	ND	ug/kg	1.7	0.30	1		05/23/11 12:39	91-20-3	
Styrene	ND	ug/kg	1.7	0.16	1		05/23/11 12:39	100-42-5	
Tetrachloroethene	ND	ug/kg	1.7	0.21	1		05/23/11 12:39	127-18-4	
Toluene	ND	ug/kg	1.7	0.17	1		05/23/11 12:39	108-88-3	B
Trichloroethene	ND	ug/kg	1.7	0.12	1		05/23/11 12:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1.7	0.13	1		05/23/11 12:39	75-69-4	
Vinyl chloride	ND	ug/kg	1.7	0.15	1		05/23/11 12:39	75-01-4	
Xylene (Total)	ND	ug/kg	5.0	0.41	1		05/23/11 12:39	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	1.7	0.12	1		05/23/11 12:39	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	1.7	0.072	1		05/23/11 12:39	10061-01-5	
m&p-Xylene	ND	ug/kg	3.3	0.41	1		05/23/11 12:39	179601-23-1	
n-Butylbenzene	ND	ug/kg	1.7	0.25	1		05/23/11 12:39	104-51-8	
n-Propylbenzene	ND	ug/kg	1.7	0.19	1		05/23/11 12:39	103-65-1	
o-Xylene	ND	ug/kg	1.7	0.18	1		05/23/11 12:39	95-47-6	
p-Isopropyltoluene	ND	ug/kg	1.7	0.21	1		05/23/11 12:39	99-87-6	
sec-Butylbenzene	ND	ug/kg	1.7	0.23	1		05/23/11 12:39	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	1.7	0.14	1		05/23/11 12:39	994-05-8	
tert-Butylbenzene	ND	ug/kg	1.7	0.19	1		05/23/11 12:39	98-06-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_27 3-4 **Lab ID: 257591052** Collected: 05/10/11 08:45 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	1.7	0.17	1		05/23/11 12:39	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	1.7	0.12	1		05/23/11 12:39	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		80-136		1		05/23/11 12:39	1868-53-7	2n
Toluene-d8 (S)	97 %		80-120		1		05/23/11 12:39	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 12:39	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		80-143		1		05/23/11 12:39	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	36.3 %		0.10	0.10	1		05/15/11 16:08		

Sample: SUP_SL_27 4-5 **Lab ID: 257591053** Collected: 05/10/11 08:53 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	30.6	4.9	1	05/17/11 10:05	05/18/11 02:47		
Motor Oil Range SG	ND	mg/kg	123	33.0	1	05/17/11 10:05	05/18/11 02:47	64742-65-0	
Surrogates									
n-Octacosane (S) SG	107 %		50-150		1	05/17/11 10:05	05/18/11 02:47	630-02-4	
o-Terphenyl (S) SG	103 %		50-150		1	05/17/11 10:05	05/18/11 02:47	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	ND	mg/kg	7.1	0.28	1	05/19/11 14:41	05/19/11 15:35		
Surrogates									
a,a,a-Trifluorotoluene (S)	118 %		50-150		1	05/19/11 14:41	05/19/11 15:35	98-08-8	
4-Bromofluorobenzene (S)	75 %		50-150		1	05/19/11 14:41	05/19/11 15:35	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	1900	mg/kg	12.2	1.8	5	05/16/11 09:16	05/22/11 19:01	7440-38-2	
Cadmium	ND	mg/kg	6.1	0.067	5	05/16/11 09:16	05/18/11 19:48	7440-43-9	
Lead	25800	mg/kg	122	7.7	100	05/16/11 09:16	05/22/11 18:05	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	522	165	1	05/18/11 10:40	05/20/11 16:43	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	85 %		26-135		1	05/18/11 10:40	05/20/11 16:43	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	0.26	1		05/24/11 13:48	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.3	0.32	1		05/24/11 13:48	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	0.49	1		05/24/11 13:48	79-34-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 4-5 Lab ID: 257591053 Collected: 05/10/11 08:53 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,2-Trichloroethane	ND	ug/kg	5.3	0.49	1		05/24/11 13:48	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.3	0.71	1		05/24/11 13:48	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.3	0.42	1		05/24/11 13:48	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.3	0.65	1		05/24/11 13:48	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.3	0.61	1		05/24/11 13:48	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	0.49	1		05/24/11 13:48	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.3	0.60	1		05/24/11 13:48	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	0.43	1		05/24/11 13:48	120-82-1	
1,2,4-Trimethylbenzene	21.1	ug/kg	5.3	0.91	1		05/24/11 13:48	95-63-6	1n
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.8	0.69	1		05/24/11 13:48	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	0.37	1		05/24/11 13:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.3	0.43	1		05/24/11 13:48	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.3	0.39	1		05/24/11 13:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.6	0.65	1		05/24/11 13:48	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.3	0.32	1		05/24/11 13:48	78-87-5	
1,3,5-Trimethylbenzene	5.5	ug/kg	5.3	0.56	1		05/24/11 13:48	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.3	0.33	1		05/24/11 13:48	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.3	0.49	1		05/24/11 13:48	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.3	0.42	1		05/24/11 13:48	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.3	0.33	1		05/24/11 13:48	594-20-7	
2-Butanone (MEK)	ND	ug/kg	17.6	2.7	1		05/24/11 13:48	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.3	0.55	1		05/24/11 13:48	95-49-8	
2-Hexanone	ND	ug/kg	17.6	0.63	1		05/24/11 13:48	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.3	0.47	1		05/24/11 13:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.6	0.54	1		05/24/11 13:48	108-10-1	
Acetone	81.3	ug/kg	17.6	1.9	1		05/24/11 13:48	67-64-1	
Benzene	ND	ug/kg	5.3	0.26	1		05/24/11 13:48	71-43-2	
Bromobenzene	ND	ug/kg	5.3	0.41	1		05/24/11 13:48	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	0.39	1		05/24/11 13:48	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	0.21	1		05/24/11 13:48	75-27-4	
Bromoform	ND	ug/kg	5.3	0.41	1		05/24/11 13:48	75-25-2	
Bromomethane	ND	ug/kg	5.3	0.56	1		05/24/11 13:48	74-83-9	
Carbon disulfide	6.0	ug/kg	5.3	0.49	1		05/24/11 13:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.3	0.32	1		05/24/11 13:48	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	0.32	1		05/24/11 13:48	108-90-7	
Chloroethane	ND	ug/kg	5.3	0.51	1		05/24/11 13:48	75-00-3	
Chloroform	ND	ug/kg	5.3	0.34	1		05/24/11 13:48	67-66-3	
Chloromethane	ND	ug/kg	5.3	0.36	1		05/24/11 13:48	74-87-3	
Dibromochloromethane	ND	ug/kg	5.3	0.18	1		05/24/11 13:48	124-48-1	
Dibromomethane	ND	ug/kg	5.3	0.37	1		05/24/11 13:48	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.3	0.73	1		05/24/11 13:48	75-71-8	
Ethylbenzene	ND	ug/kg	5.3	0.67	1		05/24/11 13:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	0.52	1		05/24/11 13:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	0.61	1		05/24/11 13:48	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.3	0.44	1		05/24/11 13:48	1634-04-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 4-5 **Lab ID:** 257591053 Collected: 05/10/11 08:53 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Methylene chloride	ND	ug/kg	17.6	4.7	1		05/24/11 13:48	75-09-2	
Naphthalene	12.4	ug/kg	5.3	0.97	1		05/24/11 13:48	91-20-3	1n
Styrene	ND	ug/kg	5.3	0.51	1		05/24/11 13:48	100-42-5	
Tetrachloroethene	ND	ug/kg	5.3	0.67	1		05/24/11 13:48	127-18-4	
Toluene	ND	ug/kg	5.3	0.54	1		05/24/11 13:48	108-88-3	B
Trichloroethene	ND	ug/kg	5.3	0.37	1		05/24/11 13:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	0.40	1		05/24/11 13:48	75-69-4	
Vinyl chloride	ND	ug/kg	5.3	0.49	1		05/24/11 13:48	75-01-4	
Xylene (Total)	ND	ug/kg	15.9	1.3	1		05/24/11 13:48	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	0.37	1		05/24/11 13:48	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	0.23	1		05/24/11 13:48	10061-01-5	
m&p-Xylene	10.9	ug/kg	10.6	1.3	1		05/24/11 13:48	179601-23-1	1n
n-Butylbenzene	ND	ug/kg	5.3	0.81	1		05/24/11 13:48	104-51-8	
n-Propylbenzene	ND	ug/kg	5.3	0.62	1		05/24/11 13:48	103-65-1	
o-Xylene	ND	ug/kg	5.3	0.57	1		05/24/11 13:48	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.3	0.68	1		05/24/11 13:48	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.3	0.74	1		05/24/11 13:48	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.3	0.46	1		05/24/11 13:48	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.3	0.61	1		05/24/11 13:48	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	0.53	1		05/24/11 13:48	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	0.37	1		05/24/11 13:48	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	113	%	80-136		1		05/24/11 13:48	1868-53-7	
Toluene-d8 (S)	96	%	80-120		1		05/24/11 13:48	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122		1		05/24/11 13:48	460-00-4	
1,2-Dichloroethane-d4 (S)	135	%	80-143		1		05/24/11 13:48	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.9	%	0.10	0.10	1		05/15/11 16:09		

Sample: SUP_SL_27 5-6 **Lab ID:** 257591054 Collected: 05/10/11 08:57 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	26.7	4.2	1	05/17/11 10:05	05/18/11 03:04		
Motor Oil Range SG	ND	mg/kg	107	28.7	1	05/17/11 10:05	05/18/11 03:04	64742-65-0	
Surrogates									
n-Octacosane (S) SG	94	%	50-150		1	05/17/11 10:05	05/18/11 03:04	630-02-4	
o-Terphenyl (S) SG	93	%	50-150		1	05/17/11 10:05	05/18/11 03:04	84-15-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 5-6 Lab ID: 257591054 Collected: 05/10/11 08:57 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	ND	mg/kg	5.9	0.23	1	05/19/11 14:41	05/19/11 15:59		
Surrogates									
a,a,a-Trifluorotoluene (S)	117	%	50-150		1	05/19/11 14:41	05/19/11 15:59	98-08-8	
4-Bromofluorobenzene (S)	76	%	50-150		1	05/19/11 14:41	05/19/11 15:59	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	38.3	mg/kg	10.7	1.6	5	05/16/11 09:16	05/22/11 19:04	7440-38-2	
Cadmium	ND	mg/kg	5.4	0.059	5	05/16/11 09:16	05/18/11 19:51	7440-43-9	
Lead	302	mg/kg	1.1	0.068	1	05/16/11 09:16	05/18/11 22:41	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	460	146	1	05/18/11 10:40	05/20/11 17:06	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80	%	26-135		1	05/18/11 10:40	05/20/11 17:06	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	1.9	0.092	1		05/23/11 13:19	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	1.9	0.12	1		05/23/11 13:19	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.9	0.18	1		05/23/11 13:19	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	1.9	0.18	1		05/23/11 13:19	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	1.9	0.25	1		05/23/11 13:19	76-13-1	
1,1-Dichloroethane	ND	ug/kg	1.9	0.15	1		05/23/11 13:19	75-34-3	
1,1-Dichloroethene	ND	ug/kg	1.9	0.23	1		05/23/11 13:19	75-35-4	
1,1-Dichloropropene	ND	ug/kg	1.9	0.22	1		05/23/11 13:19	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	1.9	0.18	1		05/23/11 13:19	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	1.9	0.22	1		05/23/11 13:19	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	1.9	0.15	1		05/23/11 13:19	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	1.9	0.33	1		05/23/11 13:19	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.2	0.25	1		05/23/11 13:19	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	1.9	0.13	1		05/23/11 13:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	1.9	0.16	1		05/23/11 13:19	95-50-1	
1,2-Dichloroethane	ND	ug/kg	1.9	0.14	1		05/23/11 13:19	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.8	0.23	1		05/23/11 13:19	540-59-0	
1,2-Dichloropropane	ND	ug/kg	1.9	0.11	1		05/23/11 13:19	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	1.9	0.20	1		05/23/11 13:19	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	1.9	0.12	1		05/23/11 13:19	541-73-1	
1,3-Dichloropropane	ND	ug/kg	1.9	0.18	1		05/23/11 13:19	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	1.9	0.15	1		05/23/11 13:19	106-46-7	
2,2-Dichloropropane	ND	ug/kg	1.9	0.12	1		05/23/11 13:19	594-20-7	
2-Butanone (MEK)	ND	ug/kg	6.3	0.96	1		05/23/11 13:19	78-93-3	
2-Chlorotoluene	ND	ug/kg	1.9	0.20	1		05/23/11 13:19	95-49-8	
2-Hexanone	ND	ug/kg	6.3	0.23	1		05/23/11 13:19	591-78-6	
4-Chlorotoluene	ND	ug/kg	1.9	0.17	1		05/23/11 13:19	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.3	0.19	1		05/23/11 13:19	108-10-1	
Acetone	20.5	ug/kg	6.3	0.69	1		05/23/11 13:19	67-64-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 5-6 Lab ID: 257591054 Collected: 05/10/11 08:57 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Benzene	ND	ug/kg	1.9	0.095	1		05/23/11 13:19	71-43-2	
Bromobenzene	ND	ug/kg	1.9	0.15	1		05/23/11 13:19	108-86-1	
Bromochloromethane	ND	ug/kg	1.9	0.14	1		05/23/11 13:19	74-97-5	
Bromodichloromethane	ND	ug/kg	1.9	0.074	1		05/23/11 13:19	75-27-4	
Bromoform	ND	ug/kg	1.9	0.15	1		05/23/11 13:19	75-25-2	
Bromomethane	ND	ug/kg	1.9	0.20	1		05/23/11 13:19	74-83-9	
Carbon disulfide	ND	ug/kg	1.9	0.18	1		05/23/11 13:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	1.9	0.11	1		05/23/11 13:19	56-23-5	
Chlorobenzene	ND	ug/kg	1.9	0.12	1		05/23/11 13:19	108-90-7	
Chloroethane	ND	ug/kg	1.9	0.18	1		05/23/11 13:19	75-00-3	
Chloroform	ND	ug/kg	1.9	0.12	1		05/23/11 13:19	67-66-3	
Chloromethane	ND	ug/kg	1.9	0.13	1		05/23/11 13:19	74-87-3	
Dibromochloromethane	ND	ug/kg	1.9	0.064	1		05/23/11 13:19	124-48-1	
Dibromomethane	ND	ug/kg	1.9	0.13	1		05/23/11 13:19	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	1.9	0.26	1		05/23/11 13:19	75-71-8	
Ethylbenzene	ND	ug/kg	1.9	0.24	1		05/23/11 13:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1.9	0.19	1		05/23/11 13:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	1.9	0.22	1		05/23/11 13:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	1.9	0.16	1		05/23/11 13:19	1634-04-4	
Methylene chloride	ND	ug/kg	6.3	1.7	1		05/23/11 13:19	75-09-2	
Naphthalene	ND	ug/kg	1.9	0.35	1		05/23/11 13:19	91-20-3	
Styrene	ND	ug/kg	1.9	0.18	1		05/23/11 13:19	100-42-5	
Tetrachloroethene	ND	ug/kg	1.9	0.24	1		05/23/11 13:19	127-18-4	
Toluene	ND	ug/kg	1.9	0.19	1		05/23/11 13:19	108-88-3	B
Trichloroethene	ND	ug/kg	1.9	0.13	1		05/23/11 13:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1.9	0.14	1		05/23/11 13:19	75-69-4	
Vinyl chloride	ND	ug/kg	1.9	0.18	1		05/23/11 13:19	75-01-4	
Xylene (Total)	ND	ug/kg	5.7	0.47	1		05/23/11 13:19	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	1.9	0.13	1		05/23/11 13:19	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	1.9	0.082	1		05/23/11 13:19	10061-01-5	
m&p-Xylene	ND	ug/kg	3.8	0.47	1		05/23/11 13:19	179601-23-1	
n-Butylbenzene	ND	ug/kg	1.9	0.29	1		05/23/11 13:19	104-51-8	
n-Propylbenzene	ND	ug/kg	1.9	0.22	1		05/23/11 13:19	103-65-1	
o-Xylene	ND	ug/kg	1.9	0.21	1		05/23/11 13:19	95-47-6	
p-Isopropyltoluene	ND	ug/kg	1.9	0.24	1		05/23/11 13:19	99-87-6	
sec-Butylbenzene	ND	ug/kg	1.9	0.26	1		05/23/11 13:19	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	1.9	0.16	1		05/23/11 13:19	994-05-8	
tert-Butylbenzene	ND	ug/kg	1.9	0.22	1		05/23/11 13:19	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	1.9	0.19	1		05/23/11 13:19	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	1.9	0.13	1		05/23/11 13:19	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/23/11 13:19	1868-53-7	2n
Toluene-d8 (S)	98 %		80-120		1		05/23/11 13:19	2037-26-5	
4-Bromofluorobenzene (S)	103 %		72-122		1		05/23/11 13:19	460-00-4	
1,2-Dichloroethane-d4 (S)	119 %		80-143		1		05/23/11 13:19	17060-07-0	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 5-6 **Lab ID: 257591054** Collected: 05/10/11 08:57 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	28.8	%	0.10	0.10	1		05/15/11 16:10		

Sample: SUP_SL_27 6-8 **Lab ID: 257591055** Collected: 05/10/11 09:02 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	36.5	5.8	1	05/17/11 10:05	05/18/11 03:20		
Motor Oil Range SG	ND	mg/kg	146	39.3	1	05/17/11 10:05	05/18/11 03:20	64742-65-0	
Surrogates									
n-Octacosane (S) SG	88	%	50-150		1	05/17/11 10:05	05/18/11 03:20	630-02-4	
o-Terphenyl (S) SG	88	%	50-150		1	05/17/11 10:05	05/18/11 03:20	84-15-1	

NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx

Gasoline Range Organics	ND	mg/kg	9.2	0.37	1	05/19/11 14:41	05/19/11 16:23		
Surrogates									
a,a,a-Trifluorotoluene (S)	122	%	50-150		1	05/19/11 14:41	05/19/11 16:23	98-08-8	
4-Bromofluorobenzene (S)	78	%	50-150		1	05/19/11 14:41	05/19/11 16:23	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	26.1	mg/kg	16.2	2.4	5	05/16/11 09:16	05/22/11 19:07	7440-38-2	
Cadmium	ND	mg/kg	8.1	0.089	5	05/16/11 09:16	05/18/11 19:54	7440-43-9	
Lead	261	mg/kg	1.6	0.10	1	05/16/11 09:16	05/18/11 22:44	7439-92-1	

8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546

Pentachlorophenol	ND	ug/kg	611	193	1	05/18/11 10:40	05/20/11 17:28	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	75	%	26-135		1	05/18/11 10:40	05/20/11 17:28	118-79-6	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8	0.14	1		05/23/11 13:38	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.8	0.17	1		05/23/11 13:38	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8	0.26	1		05/23/11 13:38	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.8	0.26	1		05/23/11 13:38	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.8	0.38	1		05/23/11 13:38	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.8	0.22	1		05/23/11 13:38	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.8	0.35	1		05/23/11 13:38	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.8	0.33	1		05/23/11 13:38	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.8	0.26	1		05/23/11 13:38	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.8	0.32	1		05/23/11 13:38	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.8	0.23	1		05/23/11 13:38	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.8	0.48	1		05/23/11 13:38	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 6-8 Lab ID: 257591055 Collected: 05/10/11 09:02 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	0.36	1		05/23/11 13:38	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	0.20	1		05/23/11 13:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.8	0.23	1		05/23/11 13:38	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.8	0.21	1		05/23/11 13:38	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.6	0.35	1		05/23/11 13:38	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.8	0.17	1		05/23/11 13:38	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.8	0.30	1		05/23/11 13:38	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.8	0.18	1		05/23/11 13:38	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.8	0.26	1		05/23/11 13:38	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.8	0.22	1		05/23/11 13:38	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.8	0.17	1		05/23/11 13:38	594-20-7	
2-Butanone (MEK)	16.4	ug/kg	9.3	1.4	1		05/23/11 13:38	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.8	0.29	1		05/23/11 13:38	95-49-8	
2-Hexanone	ND	ug/kg	9.3	0.33	1		05/23/11 13:38	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.8	0.25	1		05/23/11 13:38	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.3	0.28	1		05/23/11 13:38	108-10-1	
Acetone	59.1	ug/kg	9.3	1.0	1		05/23/11 13:38	67-64-1	
Benzene	ND	ug/kg	2.8	0.14	1		05/23/11 13:38	71-43-2	
Bromobenzene	ND	ug/kg	2.8	0.22	1		05/23/11 13:38	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	0.21	1		05/23/11 13:38	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	0.11	1		05/23/11 13:38	75-27-4	
Bromoform	ND	ug/kg	2.8	0.22	1		05/23/11 13:38	75-25-2	
Bromomethane	ND	ug/kg	2.8	0.30	1		05/23/11 13:38	74-83-9	
Carbon disulfide	ND	ug/kg	2.8	0.26	1		05/23/11 13:38	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.8	0.17	1		05/23/11 13:38	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	0.17	1		05/23/11 13:38	108-90-7	
Chloroethane	ND	ug/kg	2.8	0.27	1		05/23/11 13:38	75-00-3	
Chloroform	ND	ug/kg	2.8	0.18	1		05/23/11 13:38	67-66-3	
Chloromethane	ND	ug/kg	2.8	0.19	1		05/23/11 13:38	74-87-3	
Dibromochloromethane	ND	ug/kg	2.8	0.094	1		05/23/11 13:38	124-48-1	
Dibromomethane	ND	ug/kg	2.8	0.19	1		05/23/11 13:38	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.8	0.39	1		05/23/11 13:38	75-71-8	
Ethylbenzene	ND	ug/kg	2.8	0.35	1		05/23/11 13:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.8	0.28	1		05/23/11 13:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	0.32	1		05/23/11 13:38	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.8	0.23	1		05/23/11 13:38	1634-04-4	
Methylene chloride	ND	ug/kg	9.3	2.5	1		05/23/11 13:38	75-09-2	
Naphthalene	ND	ug/kg	2.8	0.51	1		05/23/11 13:38	91-20-3	
Styrene	ND	ug/kg	2.8	0.27	1		05/23/11 13:38	100-42-5	
Tetrachloroethene	ND	ug/kg	2.8	0.36	1		05/23/11 13:38	127-18-4	
Toluene	ND	ug/kg	2.8	0.29	1		05/23/11 13:38	108-88-3	B
Trichloroethene	ND	ug/kg	2.8	0.20	1		05/23/11 13:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.8	0.21	1		05/23/11 13:38	75-69-4	
Vinyl chloride	ND	ug/kg	2.8	0.26	1		05/23/11 13:38	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	0.70	1		05/23/11 13:38	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 6-8 Lab ID: 257591055 Collected: 05/10/11 09:02 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	2.8	0.19	1		05/23/11 13:38	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.8	0.12	1		05/23/11 13:38	10061-01-5	
m&p-Xylene	ND	ug/kg	5.6	0.70	1		05/23/11 13:38	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.8	0.43	1		05/23/11 13:38	104-51-8	
n-Propylbenzene	ND	ug/kg	2.8	0.33	1		05/23/11 13:38	103-65-1	
o-Xylene	ND	ug/kg	2.8	0.30	1		05/23/11 13:38	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.8	0.36	1		05/23/11 13:38	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.8	0.39	1		05/23/11 13:38	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.8	0.24	1		05/23/11 13:38	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.8	0.32	1		05/23/11 13:38	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	0.28	1		05/23/11 13:38	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	0.20	1		05/23/11 13:38	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/23/11 13:38	1868-53-7	2n
Toluene-d8 (S)	99 %		80-120		1		05/23/11 13:38	2037-26-5	
4-Bromofluorobenzene (S)	110 %		72-122		1		05/23/11 13:38	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		80-143		1		05/23/11 13:38	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	46.4 %		0.10	0.10	1		05/15/11 16:10		

Sample: SUP_SL_27 8-10 Lab ID: 257591056 Collected: 05/10/11 09:07 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	30.6	4.9	1	05/17/11 10:05	05/18/11 04:08		
Motor Oil Range SG	ND	mg/kg	122	32.9	1	05/17/11 10:05	05/18/11 04:08	64742-65-0	
Surrogates									
n-Octacosane (S) SG	87 %		50-150		1	05/17/11 10:05	05/18/11 04:08	630-02-4	
o-Terphenyl (S) SG	89 %		50-150		1	05/17/11 10:05	05/18/11 04:08	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	ND	mg/kg	7.5	0.30	1	05/19/11 14:41	05/19/11 16:47		
Surrogates									
a,a,a-Trifluorotoluene (S)	126 %		50-150		1	05/19/11 14:41	05/19/11 16:47	98-08-8	
4-Bromofluorobenzene (S)	82 %		50-150		1	05/19/11 14:41	05/19/11 16:47	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	14.4	mg/kg	12.4	1.8	5	05/16/11 09:16	05/22/11 19:16	7440-38-2	
Cadmium	ND	mg/kg	6.2	0.068	5	05/16/11 09:16	05/18/11 19:57	7440-43-9	
Lead	71.8	mg/kg	1.2	0.078	1	05/16/11 09:16	05/18/11 22:47	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 8-10 Lab ID: 257591056 Collected: 05/10/11 09:07 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	541	171	1	05/18/11 10:40	05/20/11 17:51	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	89	%	26-135		1	05/18/11 10:40	05/20/11 17:51	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	0.13	1		05/23/11 13:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.7	0.17	1		05/23/11 13:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	0.25	1		05/23/11 13:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.7	0.25	1		05/23/11 13:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	0.36	1		05/23/11 13:58	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.7	0.21	1		05/23/11 13:58	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.7	0.34	1		05/23/11 13:58	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.7	0.32	1		05/23/11 13:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	0.25	1		05/23/11 13:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.7	0.31	1		05/23/11 13:58	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	0.22	1		05/23/11 13:58	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	0.47	1		05/23/11 13:58	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	0.35	1		05/23/11 13:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	0.19	1		05/23/11 13:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		05/23/11 13:58	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.7	0.20	1		05/23/11 13:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.4	0.34	1		05/23/11 13:58	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.7	0.16	1		05/23/11 13:58	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	0.29	1		05/23/11 13:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.7	0.17	1		05/23/11 13:58	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.7	0.25	1		05/23/11 13:58	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		05/23/11 13:58	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.7	0.17	1		05/23/11 13:58	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.0	1.4	1		05/23/11 13:58	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.7	0.28	1		05/23/11 13:58	95-49-8	
2-Hexanone	ND	ug/kg	9.0	0.33	1		05/23/11 13:58	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.7	0.24	1		05/23/11 13:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.0	0.28	1		05/23/11 13:58	108-10-1	
Acetone	43.2	ug/kg	9.0	0.99	1		05/23/11 13:58	67-64-1	
Benzene	ND	ug/kg	2.7	0.14	1		05/23/11 13:58	71-43-2	
Bromobenzene	ND	ug/kg	2.7	0.21	1		05/23/11 13:58	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	0.20	1		05/23/11 13:58	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	0.11	1		05/23/11 13:58	75-27-4	
Bromoform	ND	ug/kg	2.7	0.21	1		05/23/11 13:58	75-25-2	
Bromomethane	ND	ug/kg	2.7	0.29	1		05/23/11 13:58	74-83-9	
Carbon disulfide	ND	ug/kg	2.7	0.25	1		05/23/11 13:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.7	0.16	1		05/23/11 13:58	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	0.17	1		05/23/11 13:58	108-90-7	
Chloroethane	ND	ug/kg	2.7	0.26	1		05/23/11 13:58	75-00-3	
Chloroform	ND	ug/kg	2.7	0.18	1		05/23/11 13:58	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 8-10 **Lab ID:** 257591056 Collected: 05/10/11 09:07 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	2.7	0.19	1		05/23/11 13:58	74-87-3	
Dibromochloromethane	ND	ug/kg	2.7	0.091	1		05/23/11 13:58	124-48-1	
Dibromomethane	ND	ug/kg	2.7	0.19	1		05/23/11 13:58	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.7	0.38	1		05/23/11 13:58	75-71-8	
Ethylbenzene	ND	ug/kg	2.7	0.34	1		05/23/11 13:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.7	0.27	1		05/23/11 13:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	0.31	1		05/23/11 13:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.7	0.23	1		05/23/11 13:58	1634-04-4	
Methylene chloride	ND	ug/kg	9.0	2.4	1		05/23/11 13:58	75-09-2	
Naphthalene	ND	ug/kg	2.7	0.50	1		05/23/11 13:58	91-20-3	
Styrene	ND	ug/kg	2.7	0.26	1		05/23/11 13:58	100-42-5	
Tetrachloroethene	ND	ug/kg	2.7	0.35	1		05/23/11 13:58	127-18-4	
Toluene	ND	ug/kg	2.7	0.28	1		05/23/11 13:58	108-88-3	B
Trichloroethene	ND	ug/kg	2.7	0.19	1		05/23/11 13:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.7	0.21	1		05/23/11 13:58	75-69-4	
Vinyl chloride	ND	ug/kg	2.7	0.25	1		05/23/11 13:58	75-01-4	
Xylene (Total)	ND	ug/kg	8.1	0.68	1		05/23/11 13:58	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	0.19	1		05/23/11 13:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	0.12	1		05/23/11 13:58	10061-01-5	
m&p-Xylene	ND	ug/kg	5.4	0.68	1		05/23/11 13:58	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.7	0.41	1		05/23/11 13:58	104-51-8	
n-Propylbenzene	ND	ug/kg	2.7	0.32	1		05/23/11 13:58	103-65-1	
o-Xylene	ND	ug/kg	2.7	0.29	1		05/23/11 13:58	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.7	0.35	1		05/23/11 13:58	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.7	0.38	1		05/23/11 13:58	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.7	0.23	1		05/23/11 13:58	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.7	0.31	1		05/23/11 13:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	0.27	1		05/23/11 13:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	0.19	1		05/23/11 13:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		80-136		1		05/23/11 13:58	1868-53-7	2n
Toluene-d8 (S)	99 %		80-120		1		05/23/11 13:58	2037-26-5	
4-Bromofluorobenzene (S)	103 %		72-122		1		05/23/11 13:58	460-00-4	
1,2-Dichloroethane-d4 (S)	121 %		80-143		1		05/23/11 13:58	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	40.1 %		0.10	0.10	1		05/15/11 16:11		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_27 10-12 **Lab ID: 257591057** Collected: 05/10/11 09:12 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	25.7	4.1	1	05/17/11 10:05	05/18/11 04:24		
Motor Oil Range SG	ND	mg/kg	103	27.7	1	05/17/11 10:05	05/18/11 04:24	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103	%	50-150		1	05/17/11 10:05	05/18/11 04:24	630-02-4	
o-Terphenyl (S) SG	98	%	50-150		1	05/17/11 10:05	05/18/11 04:24	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	ND	mg/kg	6.1	0.24	1	05/19/11 14:41	05/19/11 17:10		
Surrogates									
a,a,a-Trifluorotoluene (S)	123	%	50-150		1	05/19/11 14:41	05/19/11 17:10	98-08-8	
4-Bromofluorobenzene (S)	80	%	50-150		1	05/19/11 14:41	05/19/11 17:10	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	159	mg/kg	2.6	0.39	1	05/16/11 09:16	05/18/11 22:49	7440-38-2	
Cadmium	ND	mg/kg	1.3	0.014	1	05/16/11 09:16	05/18/11 22:49	7440-43-9	
Lead	31.1	mg/kg	1.3	0.082	1	05/16/11 09:16	05/18/11 22:49	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	426	135	1	05/18/11 10:40	05/20/11 18:14	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	75	%	26-135		1	05/18/11 10:40	05/20/11 18:14	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	1.8	0.090	1		05/24/11 14:27	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	1.8	0.11	1		05/24/11 14:27	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.8	0.17	1		05/24/11 14:27	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	1.8	0.17	1		05/24/11 14:27	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	1.8	0.25	1		05/24/11 14:27	76-13-1	
1,1-Dichloroethane	ND	ug/kg	1.8	0.15	1		05/24/11 14:27	75-34-3	
1,1-Dichloroethene	ND	ug/kg	1.8	0.23	1		05/24/11 14:27	75-35-4	
1,1-Dichloropropene	ND	ug/kg	1.8	0.21	1		05/24/11 14:27	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	1.8	0.17	1		05/24/11 14:27	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	1.8	0.21	1		05/24/11 14:27	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	1.8	0.15	1		05/24/11 14:27	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	1.8	0.32	1		05/24/11 14:27	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.1	0.24	1		05/24/11 14:27	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	1.8	0.13	1		05/24/11 14:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	1.8	0.15	1		05/24/11 14:27	95-50-1	
1,2-Dichloroethane	ND	ug/kg	1.8	0.14	1		05/24/11 14:27	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.7	0.23	1		05/24/11 14:27	540-59-0	
1,2-Dichloropropane	ND	ug/kg	1.8	0.11	1		05/24/11 14:27	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	1.8	0.20	1		05/24/11 14:27	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	1.8	0.12	1		05/24/11 14:27	541-73-1	
1,3-Dichloropropane	ND	ug/kg	1.8	0.17	1		05/24/11 14:27	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	1.8	0.15	1		05/24/11 14:27	106-46-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 10-12 Lab ID: 257591057 Collected: 05/10/11 09:12 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2,2-Dichloropropane	ND	ug/kg	1.8	0.11	1		05/24/11 14:27	594-20-7	
2-Butanone (MEK)	ND	ug/kg	6.2	0.93	1		05/24/11 14:27	78-93-3	
2-Chlorotoluene	ND	ug/kg	1.8	0.19	1		05/24/11 14:27	95-49-8	
2-Hexanone	ND	ug/kg	6.2	0.22	1		05/24/11 14:27	591-78-6	
4-Chlorotoluene	ND	ug/kg	1.8	0.16	1		05/24/11 14:27	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	6.2	0.19	1		05/24/11 14:27	108-10-1	
Acetone	6.7	ug/kg	6.2	0.68	1		05/24/11 14:27	67-64-1	
Benzene	ND	ug/kg	1.8	0.092	1		05/24/11 14:27	71-43-2	
Bromobenzene	ND	ug/kg	1.8	0.14	1		05/24/11 14:27	108-86-1	
Bromochloromethane	ND	ug/kg	1.8	0.14	1		05/24/11 14:27	74-97-5	
Bromodichloromethane	ND	ug/kg	1.8	0.072	1		05/24/11 14:27	75-27-4	
Bromoform	ND	ug/kg	1.8	0.14	1		05/24/11 14:27	75-25-2	
Bromomethane	ND	ug/kg	1.8	0.20	1		05/24/11 14:27	74-83-9	
Carbon disulfide	ND	ug/kg	1.8	0.17	1		05/24/11 14:27	75-15-0	
Carbon tetrachloride	ND	ug/kg	1.8	0.11	1		05/24/11 14:27	56-23-5	
Chlorobenzene	ND	ug/kg	1.8	0.11	1		05/24/11 14:27	108-90-7	
Chloroethane	ND	ug/kg	1.8	0.18	1		05/24/11 14:27	75-00-3	
Chloroform	ND	ug/kg	1.8	0.12	1		05/24/11 14:27	67-66-3	
Chloromethane	ND	ug/kg	1.8	0.13	1		05/24/11 14:27	74-87-3	
Dibromochloromethane	ND	ug/kg	1.8	0.062	1		05/24/11 14:27	124-48-1	
Dibromomethane	ND	ug/kg	1.8	0.13	1		05/24/11 14:27	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	1.8	0.26	1		05/24/11 14:27	75-71-8	
Ethylbenzene	ND	ug/kg	1.8	0.23	1		05/24/11 14:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1.8	0.18	1		05/24/11 14:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	1.8	0.21	1		05/24/11 14:27	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	1.8	0.15	1		05/24/11 14:27	1634-04-4	
Methylene chloride	ND	ug/kg	6.2	1.6	1		05/24/11 14:27	75-09-2	
Naphthalene	ND	ug/kg	1.8	0.34	1		05/24/11 14:27	91-20-3	
Styrene	ND	ug/kg	1.8	0.18	1		05/24/11 14:27	100-42-5	
Tetrachloroethene	ND	ug/kg	1.8	0.24	1		05/24/11 14:27	127-18-4	
Toluene	ND	ug/kg	1.8	0.19	1		05/24/11 14:27	108-88-3	B
Trichloroethene	ND	ug/kg	1.8	0.13	1		05/24/11 14:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1.8	0.14	1		05/24/11 14:27	75-69-4	
Vinyl chloride	ND	ug/kg	1.8	0.17	1		05/24/11 14:27	75-01-4	
Xylene (Total)	ND	ug/kg	5.5	0.46	1		05/24/11 14:27	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	1.8	0.13	1		05/24/11 14:27	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	1.8	0.080	1		05/24/11 14:27	10061-01-5	
m&p-Xylene	ND	ug/kg	3.7	0.46	1		05/24/11 14:27	179601-23-1	
n-Butylbenzene	ND	ug/kg	1.8	0.28	1		05/24/11 14:27	104-51-8	
n-Propylbenzene	ND	ug/kg	1.8	0.22	1		05/24/11 14:27	103-65-1	
o-Xylene	ND	ug/kg	1.8	0.20	1		05/24/11 14:27	95-47-6	
p-Isopropyltoluene	ND	ug/kg	1.8	0.24	1		05/24/11 14:27	99-87-6	
sec-Butylbenzene	ND	ug/kg	1.8	0.26	1		05/24/11 14:27	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	1.8	0.16	1		05/24/11 14:27	994-05-8	
tert-Butylbenzene	ND	ug/kg	1.8	0.21	1		05/24/11 14:27	98-06-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_27 10-12 **Lab ID: 257591057** Collected: 05/10/11 09:12 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	1.8	0.18	1		05/24/11 14:27	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	1.8	0.13	1		05/24/11 14:27	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		80-136		1		05/24/11 14:27	1868-53-7	2n
Toluene-d8 (S)	96 %		80-120		1		05/24/11 14:27	2037-26-5	
4-Bromofluorobenzene (S)	100 %		72-122		1		05/24/11 14:27	460-00-4	
1,2-Dichloroethane-d4 (S)	116 %		80-143		1		05/24/11 14:27	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	23.6 %		0.10	0.10	1		05/15/11 16:12		

Sample: SUP_SL_27 12-14 **Lab ID: 257591058** Collected: 05/10/11 09:20 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	23.0	3.7	1	05/17/11 10:05	05/18/11 04:41		
Motor Oil Range SG	ND	mg/kg	92.1	24.8	1	05/17/11 10:05	05/18/11 04:41	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103 %		50-150		1	05/17/11 10:05	05/18/11 04:41	630-02-4	
o-Terphenyl (S) SG	99 %		50-150		1	05/17/11 10:05	05/18/11 04:41	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	ND	mg/kg	7.4	0.29	1	05/19/11 14:41	05/19/11 17:57		
Surrogates									
a,a,a-Trifluorotoluene (S)	112 %		50-150		1	05/19/11 14:41	05/19/11 17:57	98-08-8	
4-Bromofluorobenzene (S)	72 %		50-150		1	05/19/11 14:41	05/19/11 17:57	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	30.7	mg/kg	8.8	1.3	5	05/16/11 09:16	05/18/11 20:09	7440-38-2	
Cadmium	ND	mg/kg	4.4	0.049	5	05/16/11 09:16	05/18/11 20:09	7440-43-9	
Lead	107	mg/kg	0.88	0.056	1	05/16/11 09:16	05/18/11 22:52	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	397	126	1	05/18/11 10:40	05/20/11 18:37	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79 %		26-135		1	05/18/11 10:40	05/20/11 18:37	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7	0.18	1		05/23/11 14:38	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.7	0.22	1		05/23/11 14:38	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	0.34	1		05/23/11 14:38	79-34-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27_12-14 Lab ID: 257591058 Collected: 05/10/11 09:20 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,2-Trichloroethane	ND	ug/kg	3.7	0.34	1		05/23/11 14:38	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	0.49	1		05/23/11 14:38	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.7	0.29	1		05/23/11 14:38	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.7	0.45	1		05/23/11 14:38	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.7	0.43	1		05/23/11 14:38	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.7	0.34	1		05/23/11 14:38	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.7	0.42	1		05/23/11 14:38	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	0.30	1		05/23/11 14:38	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.7	0.63	1		05/23/11 14:38	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	0.48	1		05/23/11 14:38	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	0.26	1		05/23/11 14:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.7	0.30	1		05/23/11 14:38	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.7	0.27	1		05/23/11 14:38	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.3	0.45	1		05/23/11 14:38	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.7	0.22	1		05/23/11 14:38	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.7	0.39	1		05/23/11 14:38	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.7	0.23	1		05/23/11 14:38	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.7	0.34	1		05/23/11 14:38	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.7	0.29	1		05/23/11 14:38	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.7	0.23	1		05/23/11 14:38	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.2	1.9	1		05/23/11 14:38	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.7	0.39	1		05/23/11 14:38	95-49-8	
2-Hexanone	ND	ug/kg	12.2	0.44	1		05/23/11 14:38	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.7	0.33	1		05/23/11 14:38	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.2	0.37	1		05/23/11 14:38	108-10-1	
Acetone	20.7	ug/kg	12.2	1.3	1		05/23/11 14:38	67-64-1	
Benzene	ND	ug/kg	3.7	0.18	1		05/23/11 14:38	71-43-2	
Bromobenzene	ND	ug/kg	3.7	0.29	1		05/23/11 14:38	108-86-1	
Bromochloromethane	ND	ug/kg	3.7	0.27	1		05/23/11 14:38	74-97-5	
Bromodichloromethane	ND	ug/kg	3.7	0.14	1		05/23/11 14:38	75-27-4	
Bromoform	ND	ug/kg	3.7	0.28	1		05/23/11 14:38	75-25-2	
Bromomethane	ND	ug/kg	3.7	0.39	1		05/23/11 14:38	74-83-9	
Carbon disulfide	ND	ug/kg	3.7	0.34	1		05/23/11 14:38	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.7	0.22	1		05/23/11 14:38	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	0.22	1		05/23/11 14:38	108-90-7	
Chloroethane	ND	ug/kg	3.7	0.35	1		05/23/11 14:38	75-00-3	
Chloroform	ND	ug/kg	3.7	0.24	1		05/23/11 14:38	67-66-3	
Chloromethane	ND	ug/kg	3.7	0.25	1		05/23/11 14:38	74-87-3	
Dibromochloromethane	ND	ug/kg	3.7	0.12	1		05/23/11 14:38	124-48-1	
Dibromomethane	ND	ug/kg	3.7	0.26	1		05/23/11 14:38	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.7	0.51	1		05/23/11 14:38	75-71-8	
Ethylbenzene	ND	ug/kg	3.7	0.46	1		05/23/11 14:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.7	0.36	1		05/23/11 14:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	0.42	1		05/23/11 14:38	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.7	0.31	1		05/23/11 14:38	1634-04-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 12-14 Lab ID: 257591058 Collected: 05/10/11 09:20 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Methylene chloride	ND	ug/kg	12.2	3.2	1		05/23/11 14:38	75-09-2	
Naphthalene	ND	ug/kg	3.7	0.67	1		05/23/11 14:38	91-20-3	
Styrene	ND	ug/kg	3.7	0.35	1		05/23/11 14:38	100-42-5	
Tetrachloroethene	ND	ug/kg	3.7	0.47	1		05/23/11 14:38	127-18-4	
Toluene	ND	ug/kg	3.7	0.38	1		05/23/11 14:38	108-88-3	B
Trichloroethene	ND	ug/kg	3.7	0.26	1		05/23/11 14:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	0.28	1		05/23/11 14:38	75-69-4	
Vinyl chloride	ND	ug/kg	3.7	0.34	1		05/23/11 14:38	75-01-4	
Xylene (Total)	ND	ug/kg	11.0	0.92	1		05/23/11 14:38	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.7	0.26	1		05/23/11 14:38	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	0.16	1		05/23/11 14:38	10061-01-5	
m&p-Xylene	ND	ug/kg	7.3	0.92	1		05/23/11 14:38	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.7	0.56	1		05/23/11 14:38	104-51-8	
n-Propylbenzene	ND	ug/kg	3.7	0.43	1		05/23/11 14:38	103-65-1	
o-Xylene	ND	ug/kg	3.7	0.40	1		05/23/11 14:38	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.7	0.47	1		05/23/11 14:38	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.7	0.51	1		05/23/11 14:38	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.7	0.32	1		05/23/11 14:38	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.7	0.42	1		05/23/11 14:38	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	0.37	1		05/23/11 14:38	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	0.26	1		05/23/11 14:38	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		80-136		1		05/23/11 14:38	1868-53-7	
Toluene-d8 (S)	104 %		80-120		1		05/23/11 14:38	2037-26-5	
4-Bromofluorobenzene (S)	100 %		72-122		1		05/23/11 14:38	460-00-4	
1,2-Dichloroethane-d4 (S)	105 %		80-143		1		05/23/11 14:38	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.5 %		0.10	0.10	1		05/15/11 16:29		

Sample: SUP_SL_27 14-16 Lab ID: 257591059 Collected: 05/10/11 09:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	22.1	3.5	1	05/17/11 10:05	05/18/11 04:57		
Motor Oil Range SG	ND	mg/kg	88.5	23.8	1	05/17/11 10:05	05/18/11 04:57	64742-65-0	
Surrogates									
n-Octacosane (S) SG	105 %		50-150		1	05/17/11 10:05	05/18/11 04:57	630-02-4	
o-Terphenyl (S) SG	101 %		50-150		1	05/17/11 10:05	05/18/11 04:57	84-15-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_SL_27 14-16 Lab ID: 257591059 Collected: 05/10/11 09:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	ND	mg/kg	7.4	0.30	1	05/19/11 14:41	05/19/11 18:43		
Surrogates									
a,a,a-Trifluorotoluene (S)	122	%	50-150		1	05/19/11 14:41	05/19/11 18:43	98-08-8	
4-Bromofluorobenzene (S)	75	%	50-150		1	05/19/11 14:41	05/19/11 18:43	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	12.3	mg/kg	2.0	0.30	1	05/16/11 09:16	05/18/11 22:55	7440-38-2	
Cadmium	ND	mg/kg	1.0	0.011	1	05/16/11 09:16	05/18/11 22:55	7440-43-9	
Lead	3.3	mg/kg	1.0	0.064	1	05/16/11 09:16	05/24/11 11:18	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	376	119	1	05/18/11 10:40	05/20/11 18:59	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	70	%	26-135		1	05/18/11 10:40	05/20/11 18:59	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.16	1		05/23/11 14:58	630-20-6	M1
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.20	1		05/23/11 14:58	71-55-6	M1
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.30	1		05/23/11 14:58	79-34-5	M1
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.30	1		05/23/11 14:58	79-00-5	M1
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.44	1		05/23/11 14:58	76-13-1	M1
1,1-Dichloroethane	ND	ug/kg	3.2	0.26	1		05/23/11 14:58	75-34-3	M1
1,1-Dichloroethene	ND	ug/kg	3.2	0.40	1		05/23/11 14:58	75-35-4	M1
1,1-Dichloropropene	ND	ug/kg	3.2	0.38	1		05/23/11 14:58	563-58-6	M1
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.30	1		05/23/11 14:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.37	1		05/23/11 14:58	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		05/23/11 14:58	120-82-1	M1
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.56	1		05/23/11 14:58	95-63-6	M1
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	0.42	1		05/23/11 14:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.23	1		05/23/11 14:58	106-93-4	M1
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.27	1		05/23/11 14:58	95-50-1	M1
1,2-Dichloroethane	ND	ug/kg	3.2	0.24	1		05/23/11 14:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.5	0.40	1		05/23/11 14:58	540-59-0	M1
1,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		05/23/11 14:58	78-87-5	M1
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		05/23/11 14:58	108-67-8	M1
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.21	1		05/23/11 14:58	541-73-1	M1
1,3-Dichloropropane	ND	ug/kg	3.2	0.30	1		05/23/11 14:58	142-28-9	M1
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		05/23/11 14:58	106-46-7	M1
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		05/23/11 14:58	594-20-7	M1
2-Butanone (MEK)	ND	ug/kg	10.8	1.6	1		05/23/11 14:58	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.34	1		05/23/11 14:58	95-49-8	M1
2-Hexanone	ND	ug/kg	10.8	0.39	1		05/23/11 14:58	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.29	1		05/23/11 14:58	106-43-4	M1
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	0.33	1		05/23/11 14:58	108-10-1	
Acetone	12.9	ug/kg	10.8	1.2	1		05/23/11 14:58	67-64-1	M1

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 14-16 **Lab ID: 257591059** Collected: 05/10/11 09:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Benzene	ND	ug/kg	3.2	0.16	1		05/23/11 14:58	71-43-2	M1
Bromobenzene	ND	ug/kg	3.2	0.25	1		05/23/11 14:58	108-86-1	M1
Bromochloromethane	ND	ug/kg	3.2	0.24	1		05/23/11 14:58	74-97-5	M1
Bromodichloromethane	ND	ug/kg	3.2	0.13	1		05/23/11 14:58	75-27-4	M1
Bromoform	ND	ug/kg	3.2	0.25	1		05/23/11 14:58	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		05/23/11 14:58	74-83-9	M1
Carbon disulfide	ND	ug/kg	3.2	0.30	1		05/23/11 14:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.2	0.20	1		05/23/11 14:58	56-23-5	M1
Chlorobenzene	ND	ug/kg	3.2	0.20	1		05/23/11 14:58	108-90-7	M1
Chloroethane	ND	ug/kg	3.2	0.31	1		05/23/11 14:58	75-00-3	M1
Chloroform	ND	ug/kg	3.2	0.21	1		05/23/11 14:58	67-66-3	M1
Chloromethane	ND	ug/kg	3.2	0.22	1		05/23/11 14:58	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		05/23/11 14:58	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.23	1		05/23/11 14:58	74-95-3	M1
Dichlorodifluoromethane	ND	ug/kg	3.2	0.45	1		05/23/11 14:58	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.41	1		05/23/11 14:58	100-41-4	M1
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.32	1		05/23/11 14:58	87-68-3	M1
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		05/23/11 14:58	98-82-8	M1
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.27	1		05/23/11 14:58	1634-04-4	
Methylene chloride	ND	ug/kg	10.8	2.9	1		05/23/11 14:58	75-09-2	
Naphthalene	ND	ug/kg	3.2	0.59	1		05/23/11 14:58	91-20-3	
Styrene	ND	ug/kg	3.2	0.31	1		05/23/11 14:58	100-42-5	M1
Tetrachloroethene	ND	ug/kg	3.2	0.41	1		05/23/11 14:58	127-18-4	M1
Toluene	ND	ug/kg	3.2	0.33	1		05/23/11 14:58	108-88-3	B,M1
Trichloroethene	ND	ug/kg	3.2	0.23	1		05/23/11 14:58	79-01-6	M1
Trichlorofluoromethane	ND	ug/kg	3.2	0.25	1		05/23/11 14:58	75-69-4	M1
Vinyl chloride	ND	ug/kg	3.2	0.30	1		05/23/11 14:58	75-01-4	M1
Xylene (Total)	ND	ug/kg	9.7	0.81	1		05/23/11 14:58	1330-20-7	ES,M1
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.23	1		05/23/11 14:58	156-59-2	M1
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		05/23/11 14:58	10061-01-5	M1
m&p-Xylene	ND	ug/kg	6.5	0.81	1		05/23/11 14:58	179601-23-1	M1
n-Butylbenzene	ND	ug/kg	3.2	0.49	1		05/23/11 14:58	104-51-8	M1
n-Propylbenzene	ND	ug/kg	3.2	0.38	1		05/23/11 14:58	103-65-1	M1
o-Xylene	ND	ug/kg	3.2	0.35	1		05/23/11 14:58	95-47-6	M1
p-Isopropyltoluene	ND	ug/kg	3.2	0.42	1		05/23/11 14:58	99-87-6	M1
sec-Butylbenzene	ND	ug/kg	3.2	0.45	1		05/23/11 14:58	135-98-8	M1
tert-Amylmethyl ether	ND	ug/kg	3.2	0.28	1		05/23/11 14:58	994-05-8	M1
tert-Butylbenzene	ND	ug/kg	3.2	0.37	1		05/23/11 14:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		05/23/11 14:58	156-60-5	M1
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.23	1		05/23/11 14:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		80-136		1		05/23/11 14:58	1868-53-7	
Toluene-d8 (S)	102 %		80-120		1		05/23/11 14:58	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 14:58	460-00-4	
1,2-Dichloroethane-d4 (S)	107 %		80-143		1		05/23/11 14:58	17060-07-0	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_SL_27 14-16 **Lab ID: 257591059** Collected: 05/10/11 09:25 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	15.1 %		0.10	0.10	1		05/15/11 16:30		

Sample: Trip Blank 5 **Lab ID: 257591060** Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	ND	mg/kg	5.0	0.20	1	05/19/11 08:00	05/19/11 10:05		
Surrogates									
a,a,a-Trifluorotoluene (S)	120 %		50-150		1	05/19/11 08:00	05/19/11 10:05	98-08-8	
4-Bromofluorobenzene (S)	75 %		50-150		1	05/19/11 08:00	05/19/11 10:05	460-00-4	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		05/23/11 10:20	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		05/23/11 10:20	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 10:20	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		05/23/11 10:20	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		05/23/11 10:20	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		05/23/11 10:20	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		05/23/11 10:20	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		05/23/11 10:20	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		05/23/11 10:20	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		05/23/11 10:20	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 10:20	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		05/23/11 10:20	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		05/23/11 10:20	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		05/23/11 10:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		05/23/11 10:20	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		05/23/11 10:20	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		05/23/11 10:20	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		05/23/11 10:20	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		05/23/11 10:20	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		05/23/11 10:20	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		05/23/11 10:20	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		05/23/11 10:20	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		05/23/11 10:20	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		05/23/11 10:20	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		05/23/11 10:20	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		05/23/11 10:20	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		05/23/11 10:20	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		05/23/11 10:20	108-10-1	
Acetone	ND	ug/kg	10.0	1.1	1		05/23/11 10:20	67-64-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: Trip Blank 5 **Lab ID: 257591060** Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Benzene	ND	ug/kg	3.0	0.15	1		05/23/11 10:20	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		05/23/11 10:20	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		05/23/11 10:20	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		05/23/11 10:20	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		05/23/11 10:20	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		05/23/11 10:20	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		05/23/11 10:20	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		05/23/11 10:20	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		05/23/11 10:20	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		05/23/11 10:20	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		05/23/11 10:20	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		05/23/11 10:20	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		05/23/11 10:20	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		05/23/11 10:20	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		05/23/11 10:20	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		05/23/11 10:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		05/23/11 10:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		05/23/11 10:20	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		05/23/11 10:20	1634-04-4	
Methylene chloride	16.1	ug/kg	10.0	2.6	1		05/23/11 10:20	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		05/23/11 10:20	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		05/23/11 10:20	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		05/23/11 10:20	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		05/23/11 10:20	108-88-3	B
Trichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 10:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		05/23/11 10:20	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		05/23/11 10:20	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		05/23/11 10:20	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		05/23/11 10:20	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		05/23/11 10:20	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		05/23/11 10:20	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		05/23/11 10:20	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		05/23/11 10:20	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		05/23/11 10:20	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		05/23/11 10:20	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		05/23/11 10:20	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		05/23/11 10:20	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		05/23/11 10:20	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		05/23/11 10:20	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		05/23/11 10:20	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/23/11 10:20	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/23/11 10:20	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/23/11 10:20	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		80-143		1		05/23/11 10:20	17060-07-0	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_GW_3 Lab ID: 257591061 Collected: 05/10/11 12:15 Received: 05/10/11 16:20 Matrix: Water									
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	181 mg/L		0.50	0.11	50	05/19/11 09:41	05/20/11 14:55	7440-38-2	
Cadmium	5.1 mg/L		0.0050	0.00042	1	05/19/11 09:41	05/20/11 15:41	7440-43-9	
Lead	16.4 mg/L		0.050	0.0095	5	05/19/11 09:41	05/24/11 11:15	7439-92-1	
6010 MET ICP, Dissolved Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	143 mg/L		1.0	0.11	50	05/19/11 09:33	05/20/11 16:11	7440-38-2	
Cadmium, Dissolved	0.64 mg/L		0.0050	0.00042	1	05/19/11 09:33	05/19/11 17:18	7440-43-9	
Lead, Dissolved	0.11 mg/L		0.010	0.0019	1	05/19/11 09:33	05/19/11 17:18	7439-92-1	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.7	0.43	1	05/12/11 11:00	05/12/11 18:19	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	49 %		37-141		1	05/12/11 11:00	05/12/11 18:19	4165-60-0	
2-Fluorobiphenyl (S)	35 %		34-109		1	05/12/11 11:00	05/12/11 18:19	321-60-8	
Terphenyl-d14 (S)	46 %		45-130		1	05/12/11 11:00	05/12/11 18:19	1718-51-0	
Phenol-d6 (S)	18 %		10-105		1	05/12/11 11:00	05/12/11 18:19	13127-88-3	
2-Fluorophenol (S)	27 %		11-105		1	05/12/11 11:00	05/12/11 18:19	367-12-4	
2,4,6-Tribromophenol (S)	55 %		39-123		1	05/12/11 11:00	05/12/11 18:19	118-79-6	
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.15	1		05/12/11 10:34	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.20	1		05/12/11 10:34	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.22	1		05/12/11 10:34	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.19	1		05/12/11 10:34	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.23	1		05/12/11 10:34	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.12	1		05/12/11 10:34	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.094	1		05/12/11 10:34	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.11	1		05/12/11 10:34	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.37	1		05/12/11 10:34	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.15	1		05/12/11 10:34	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.086	1		05/12/11 10:34	95-63-6	B
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.79	1		05/12/11 10:34	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.20	1		05/12/11 10:34	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.25	1		05/12/11 10:34	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.074	1		05/12/11 10:34	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.50	1		05/12/11 10:34	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.16	1		05/12/11 10:34	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.16	1		05/12/11 10:34	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.16	1		05/12/11 10:34	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.22	1		05/12/11 10:34	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.20	1		05/12/11 10:34	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.27	1		05/12/11 10:34	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.6	1		05/12/11 10:34	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.098	1		05/12/11 10:34	95-49-8	
2-Hexanone	ND ug/L		5.0	0.57	1		05/12/11 10:34	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.13	1		05/12/11 10:34	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_GW_3 Lab ID: 257591061 Collected: 05/10/11 12:15 Received: 05/10/11 16:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	0.32	1		05/12/11 10:34	108-10-1	
Acetone	ND ug/L		5.0	0.75	1		05/12/11 10:34	67-64-1	
Benzene	ND ug/L		1.0	0.12	1		05/12/11 10:34	71-43-2	B
Bromobenzene	ND ug/L		1.0	0.16	1		05/12/11 10:34	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.34	1		05/12/11 10:34	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.11	1		05/12/11 10:34	75-27-4	
Bromoform	ND ug/L		1.0	0.23	1		05/12/11 10:34	75-25-2	
Bromomethane	ND ug/L		1.0	0.072	1		05/12/11 10:34	74-83-9	
Carbon disulfide	ND ug/L		1.0	0.16	1		05/12/11 10:34	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.25	1		05/12/11 10:34	56-23-5	
Chlorobenzene	ND ug/L		1.0	0.12	1		05/12/11 10:34	108-90-7	
Chloroethane	ND ug/L		1.0	0.27	1		05/12/11 10:34	75-00-3	
Chloroform	ND ug/L		1.0	0.15	1		05/12/11 10:34	67-66-3	
Chloromethane	ND ug/L		1.0	0.20	1		05/12/11 10:34	74-87-3	
Dibromochloromethane	ND ug/L		1.0	0.12	1		05/12/11 10:34	124-48-1	
Dibromomethane	ND ug/L		1.0	0.18	1		05/12/11 10:34	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	0.19	1		05/12/11 10:34	75-71-8	
Ethylbenzene	ND ug/L		1.0	0.20	1		05/12/11 10:34	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	0.27	1		05/12/11 10:34	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	0.11	1		05/12/11 10:34	98-82-8	
Methyl-tert-butyl ether	ND ug/L		1.0	0.16	1		05/12/11 10:34	1634-04-4	
Methylene chloride	ND ug/L		4.0	0.26	1		05/12/11 10:34	75-09-2	
Naphthalene	ND ug/L		1.0	0.10	1		05/12/11 10:34	91-20-3	B
Styrene	ND ug/L		1.0	0.074	1		05/12/11 10:34	100-42-5	
Tetrachloroethene	ND ug/L		1.0	0.10	1		05/12/11 10:34	127-18-4	
Toluene	ND ug/L		1.0	0.21	1		05/12/11 10:34	108-88-3	B
Trichloroethene	ND ug/L		1.0	0.060	1		05/12/11 10:34	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	0.24	1		05/12/11 10:34	75-69-4	
Vinyl chloride	ND ug/L		0.20	0.050	1		05/12/11 10:34	75-01-4	
Xylene (Total)	ND ug/L		3.0	0.42	1		05/12/11 10:34	1330-20-7	B
cis-1,2-Dichloroethene	1.2 ug/L		1.0	0.32	1		05/12/11 10:34	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	0.086	1		05/12/11 10:34	10061-01-5	
m&p-Xylene	ND ug/L		2.0	0.27	1		05/12/11 10:34	179601-23-1	B
n-Butylbenzene	ND ug/L		1.0	0.10	1		05/12/11 10:34	104-51-8	
n-Propylbenzene	ND ug/L		1.0	0.16	1		05/12/11 10:34	103-65-1	
o-Xylene	ND ug/L		1.0	0.15	1		05/12/11 10:34	95-47-6	B
p-Isopropyltoluene	ND ug/L		1.0	0.074	1		05/12/11 10:34	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	0.10	1		05/12/11 10:34	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	0.11	1		05/12/11 10:34	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.22	1		05/12/11 10:34	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.16	1		05/12/11 10:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98 %		80-120		1		05/12/11 10:34	460-00-4	
Dibromofluoromethane (S)	95 %		80-122		1		05/12/11 10:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	94 %		80-124		1		05/12/11 10:34	17060-07-0	
Toluene-d8 (S)	99 %		80-123		1		05/12/11 10:34	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: SUP_GW_6		Lab ID: 257591062	Collected: 05/10/11 13:10	Received: 05/10/11 16:20	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	39.3 mg/L		0.10	0.022	10	05/19/11 09:41	05/20/11 14:58	7440-38-2	
Cadmium	1.2 mg/L		0.0050	0.00042	1	05/19/11 09:41	05/20/11 15:44	7440-43-9	
Lead	40.3 mg/L		0.10	0.019	10	05/19/11 09:41	05/20/11 14:58	7439-92-1	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	30.5 mg/L		0.20	0.022	10	05/19/11 09:41	05/20/11 16:14	7440-38-2	
Cadmium, Dissolved	0.097 mg/L		0.0050	0.00042	1	05/19/11 09:41	05/19/11 18:36	7440-43-9	
Lead, Dissolved	0.36 mg/L		0.010	0.0019	1	05/19/11 09:41	05/19/11 18:36	7439-92-1	
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND ug/L		4.7	0.43	1	05/12/11 11:00	05/12/11 18:42	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	66 %		37-141		1	05/12/11 11:00	05/12/11 18:42	4165-60-0	
2-Fluorobiphenyl (S)	53 %		34-109		1	05/12/11 11:00	05/12/11 18:42	321-60-8	
Terphenyl-d14 (S)	70 %		45-130		1	05/12/11 11:00	05/12/11 18:42	1718-51-0	
Phenol-d6 (S)	26 %		10-105		1	05/12/11 11:00	05/12/11 18:42	13127-88-3	
2-Fluorophenol (S)	41 %		11-105		1	05/12/11 11:00	05/12/11 18:42	367-12-4	
2,4,6-Tribromophenol (S)	74 %		39-123		1	05/12/11 11:00	05/12/11 18:42	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.15	1		05/12/11 10:17	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.20	1		05/12/11 10:17	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.22	1		05/12/11 10:17	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.19	1		05/12/11 10:17	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.23	1		05/12/11 10:17	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.12	1		05/12/11 10:17	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.094	1		05/12/11 10:17	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.11	1		05/12/11 10:17	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.37	1		05/12/11 10:17	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.15	1		05/12/11 10:17	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.086	1		05/12/11 10:17	95-63-6	B
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.79	1		05/12/11 10:17	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.20	1		05/12/11 10:17	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.25	1		05/12/11 10:17	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.074	1		05/12/11 10:17	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.50	1		05/12/11 10:17	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.16	1		05/12/11 10:17	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.16	1		05/12/11 10:17	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.16	1		05/12/11 10:17	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.22	1		05/12/11 10:17	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.20	1		05/12/11 10:17	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.27	1		05/12/11 10:17	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.6	1		05/12/11 10:17	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.098	1		05/12/11 10:17	95-49-8	
2-Hexanone	ND ug/L		5.0	0.57	1		05/12/11 10:17	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.13	1		05/12/11 10:17	106-43-4	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 139 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: SUP_GW_6 Lab ID: 257591062 Collected: 05/10/11 13:10 Received: 05/10/11 16:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.32	1		05/12/11 10:17	108-10-1	
Acetone	ND	ug/L	5.0	0.75	1		05/12/11 10:17	67-64-1	
Benzene	ND	ug/L	1.0	0.12	1		05/12/11 10:17	71-43-2	B
Bromobenzene	ND	ug/L	1.0	0.16	1		05/12/11 10:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		05/12/11 10:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		05/12/11 10:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.23	1		05/12/11 10:17	75-25-2	
Bromomethane	ND	ug/L	1.0	0.072	1		05/12/11 10:17	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.16	1		05/12/11 10:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/12/11 10:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.12	1		05/12/11 10:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		05/12/11 10:17	75-00-3	
Chloroform	1.4	ug/L	1.0	0.15	1		05/12/11 10:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.20	1		05/12/11 10:17	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.12	1		05/12/11 10:17	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.18	1		05/12/11 10:17	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.19	1		05/12/11 10:17	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.20	1		05/12/11 10:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.27	1		05/12/11 10:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.11	1		05/12/11 10:17	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		05/12/11 10:17	1634-04-4	
Methylene chloride	ND	ug/L	4.0	0.26	1		05/12/11 10:17	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		05/12/11 10:17	91-20-3	B
Styrene	ND	ug/L	1.0	0.074	1		05/12/11 10:17	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		05/12/11 10:17	127-18-4	
Toluene	ND	ug/L	1.0	0.21	1		05/12/11 10:17	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.060	1		05/12/11 10:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.24	1		05/12/11 10:17	75-69-4	
Vinyl chloride	0.42J	ug/L	0.20	0.050	1		05/12/11 10:17	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.42	1		05/12/11 10:17	1330-20-7	B
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.32	1		05/12/11 10:17	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.086	1		05/12/11 10:17	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.27	1		05/12/11 10:17	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.10	1		05/12/11 10:17	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.16	1		05/12/11 10:17	103-65-1	
o-Xylene	ND	ug/L	1.0	0.15	1		05/12/11 10:17	95-47-6	B
p-Isopropyltoluene	ND	ug/L	1.0	0.074	1		05/12/11 10:17	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		05/12/11 10:17	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.11	1		05/12/11 10:17	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.22	1		05/12/11 10:17	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.16	1		05/12/11 10:17	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99 %		80-120		1		05/12/11 10:17	460-00-4	
Dibromofluoromethane (S)	95 %		80-122		1		05/12/11 10:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	95 %		80-124		1		05/12/11 10:17	17060-07-0	
Toluene-d8 (S)	99 %		80-123		1		05/12/11 10:17	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257591

Sample: Trip Blank Water Lab ID: 257591063 Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.15	1		05/12/11 10:00	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.20	1		05/12/11 10:00	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.22	1		05/12/11 10:00	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.19	1		05/12/11 10:00	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.23	1		05/12/11 10:00	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.12	1		05/12/11 10:00	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.094	1		05/12/11 10:00	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.11	1		05/12/11 10:00	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.37	1		05/12/11 10:00	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.15	1		05/12/11 10:00	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.086	1		05/12/11 10:00	95-63-6	B
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.79	1		05/12/11 10:00	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.20	1		05/12/11 10:00	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.25	1		05/12/11 10:00	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.074	1		05/12/11 10:00	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.50	1		05/12/11 10:00	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.16	1		05/12/11 10:00	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.16	1		05/12/11 10:00	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.16	1		05/12/11 10:00	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.22	1		05/12/11 10:00	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.20	1		05/12/11 10:00	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.27	1		05/12/11 10:00	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.6	1		05/12/11 10:00	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.098	1		05/12/11 10:00	95-49-8	
2-Hexanone	ND ug/L		5.0	0.57	1		05/12/11 10:00	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.13	1		05/12/11 10:00	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	0.32	1		05/12/11 10:00	108-10-1	
Acetone	ND ug/L		5.0	0.75	1		05/12/11 10:00	67-64-1	
Benzene	ND ug/L		1.0	0.12	1		05/12/11 10:00	71-43-2	
Bromobenzene	ND ug/L		1.0	0.16	1		05/12/11 10:00	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.34	1		05/12/11 10:00	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.11	1		05/12/11 10:00	75-27-4	
Bromoform	ND ug/L		1.0	0.23	1		05/12/11 10:00	75-25-2	
Bromomethane	ND ug/L		1.0	0.072	1		05/12/11 10:00	74-83-9	
Carbon disulfide	ND ug/L		1.0	0.16	1		05/12/11 10:00	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.25	1		05/12/11 10:00	56-23-5	
Chlorobenzene	ND ug/L		1.0	0.12	1		05/12/11 10:00	108-90-7	
Chloroethane	ND ug/L		1.0	0.27	1		05/12/11 10:00	75-00-3	
Chloroform	ND ug/L		1.0	0.15	1		05/12/11 10:00	67-66-3	
Chloromethane	ND ug/L		1.0	0.20	1		05/12/11 10:00	74-87-3	
Dibromochloromethane	ND ug/L		1.0	0.12	1		05/12/11 10:00	124-48-1	
Dibromomethane	ND ug/L		1.0	0.18	1		05/12/11 10:00	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	0.19	1		05/12/11 10:00	75-71-8	
Ethylbenzene	ND ug/L		1.0	0.20	1		05/12/11 10:00	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	0.27	1		05/12/11 10:00	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	0.11	1		05/12/11 10:00	98-82-8	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257591

Sample: Trip Blank Water **Lab ID: 257591063** Collected: 05/10/11 00:00 Received: 05/10/11 16:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Methyl-tert-butyl ether	ND ug/L		1.0	0.16	1		05/12/11 10:00	1634-04-4	
Methylene chloride	ND ug/L		4.0	0.26	1		05/12/11 10:00	75-09-2	
Naphthalene	ND ug/L		1.0	0.10	1		05/12/11 10:00	91-20-3	B
Styrene	ND ug/L		1.0	0.074	1		05/12/11 10:00	100-42-5	
Tetrachloroethene	ND ug/L		1.0	0.10	1		05/12/11 10:00	127-18-4	
Toluene	ND ug/L		1.0	0.21	1		05/12/11 10:00	108-88-3	B
Trichloroethene	ND ug/L		1.0	0.060	1		05/12/11 10:00	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	0.24	1		05/12/11 10:00	75-69-4	
Vinyl chloride	ND ug/L		0.20	0.050	1		05/12/11 10:00	75-01-4	
Xylene (Total)	ND ug/L		3.0	0.42	1		05/12/11 10:00	1330-20-7	B
cis-1,2-Dichloroethene	ND ug/L		1.0	0.32	1		05/12/11 10:00	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	0.086	1		05/12/11 10:00	10061-01-5	
m&p-Xylene	ND ug/L		2.0	0.27	1		05/12/11 10:00	179601-23-1	B
n-Butylbenzene	ND ug/L		1.0	0.10	1		05/12/11 10:00	104-51-8	
n-Propylbenzene	ND ug/L		1.0	0.16	1		05/12/11 10:00	103-65-1	
o-Xylene	ND ug/L		1.0	0.15	1		05/12/11 10:00	95-47-6	B
p-Isopropyltoluene	ND ug/L		1.0	0.074	1		05/12/11 10:00	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	0.10	1		05/12/11 10:00	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	0.11	1		05/12/11 10:00	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.22	1		05/12/11 10:00	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.16	1		05/12/11 10:00	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99 %		80-120		1		05/12/11 10:00	460-00-4	
Dibromofluoromethane (S)	95 %		80-122		1		05/12/11 10:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	96 %		80-124		1		05/12/11 10:00	17060-07-0	
Toluene-d8 (S)	99 %		80-123		1		05/12/11 10:00	2037-26-5	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch: GCV/2288 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
Associated Lab Samples: 257591048, 257591049, 257591050, 257591051, 257591052, 257591053, 257591054, 257591055, 257591056, 257591057, 257591058, 257591059, 257591060

METHOD BLANK: 70689 Matrix: Solid
Associated Lab Samples: 257591048, 257591049, 257591050, 257591051, 257591052, 257591053, 257591054, 257591055, 257591056, 257591057, 257591058, 257591059, 257591060

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	05/19/11 09:42	
4-Bromofluorobenzene (S)	%	78	50-150	05/19/11 09:42	
a,a,a-Trifluorotoluene (S)	%	123	50-150	05/19/11 09:42	

LABORATORY CONTROL SAMPLE: 70690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	11.8	94	54-156	
4-Bromofluorobenzene (S)	%			80	50-150	
a,a,a-Trifluorotoluene (S)	%			125	50-150	

SAMPLE DUPLICATE: 71035

Parameter	Units	257591049 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	.73J		50	
4-Bromofluorobenzene (S)	%	78	77	.6		
a,a,a-Trifluorotoluene (S)	%	122	124	1		

SAMPLE DUPLICATE: 71036

Parameter	Units	257591058 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	.63J		50	
4-Bromofluorobenzene (S)	%	72	70	3		
a,a,a-Trifluorotoluene (S)	%	112	111	.7		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch: MERP/1431 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 257591041, 257591042, 257591043, 257591044, 257591045, 257591048, 257591049, 257591050, 257591051

METHOD BLANK: 69947 Matrix: Solid
Associated Lab Samples: 257591041, 257591042, 257591043, 257591044, 257591045, 257591048, 257591049, 257591050, 257591051

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	05/18/11 12:04	

LABORATORY CONTROL SAMPLE: 69948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 69949 69950

Parameter	Units	257591041 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	1.2	.48	.48	1.6	1.5	103	83	80-120	7	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch:	MPRP/2209	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
Associated Lab Samples:	257591001, 257591002, 257591003, 257591004, 257591005, 257591007, 257591008, 257591009, 257591010, 257591011, 257591012, 257591013, 257591014, 257591015, 257591016		

METHOD BLANK:	69953	Matrix:	Solid
Associated Lab Samples:	257591001, 257591002, 257591003, 257591004, 257591005, 257591007, 257591008, 257591009, 257591010, 257591011, 257591012, 257591013, 257591014, 257591015, 257591016		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	05/18/11 11:05	
Cadmium	mg/kg	ND	1.0	05/18/11 11:05	
Lead	mg/kg	ND	1.0	05/18/11 11:05	

LABORATORY CONTROL SAMPLE: 69954

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	26.6	106	80-120	
Cadmium	mg/kg	25	27.0	108	80-120	
Lead	mg/kg	25	27.2	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 69955 69956

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		257591001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Arsenic	mg/kg	1330	52.8	52.8	1200	1020	-242	-579	75-125	16	20	M1
Cadmium	mg/kg	3.5J	52.8	52.8	58.6	59.3	105	106	75-125	1	20	
Lead	mg/kg	2340	52.8	52.8	2550	1850	401	-925	75-125	32	20	M1,R1

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: MPRP/2215 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 257591017, 257591018, 257591019, 257591020, 257591021, 257591022, 257591024, 257591025, 257591026, 257591027, 257591028, 257591029, 257591030, 257591031, 257591033, 257591034, 257591035, 257591036, 257591037, 257591038

METHOD BLANK: 70217 Matrix: Solid
 Associated Lab Samples: 257591017, 257591018, 257591019, 257591020, 257591021, 257591022, 257591024, 257591025, 257591026, 257591027, 257591028, 257591029, 257591030, 257591031, 257591033, 257591034, 257591035, 257591036, 257591037, 257591038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	05/18/11 17:10	
Cadmium	mg/kg	ND	1.0	05/18/11 17:10	
Lead	mg/kg	ND	1.0	05/18/11 17:10	

LABORATORY CONTROL SAMPLE: 70218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	25.4	101	80-120	
Cadmium	mg/kg	25	25.2	101	80-120	
Lead	mg/kg	25	25.9	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70219 70220

Parameter	Units	257591017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	7750	45.3	44.7	6490	7320	-2800	-962	75-125	12	20	M1
Cadmium	mg/kg	25.5	45.3	44.7	66.4	70.0	90	99	75-125	5	20	
Lead	mg/kg	274	45.3	44.7	207	309	-149	77	75-125	40	20	M1,R1

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: MPRP/2216 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 257591039, 257591040, 257591041, 257591042, 257591043, 257591044, 257591045, 257591047, 257591048, 257591049, 257591050, 257591051, 257591052, 257591053, 257591054, 257591055, 257591056, 257591057, 257591058, 257591059

METHOD BLANK: 70221 Matrix: Solid

Associated Lab Samples: 257591039, 257591040, 257591041, 257591042, 257591043, 257591044, 257591045, 257591047, 257591048, 257591049, 257591050, 257591051, 257591052, 257591053, 257591054, 257591055, 257591056, 257591057, 257591058, 257591059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	05/18/11 18:39	
Cadmium	mg/kg	ND	1.0	05/18/11 18:39	
Lead	mg/kg	ND	1.0	05/18/11 18:39	

LABORATORY CONTROL SAMPLE: 70222

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	25.6	103	80-120	
Cadmium	mg/kg	25	25.9	104	80-120	
Lead	mg/kg	25	26.3	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70223 70224

Parameter	Units	257591039 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	34.4	27.8	27.8	58.0	59.5	85	90	75-125	3	20	
Cadmium	mg/kg	ND	27.8	27.8	27.7	27.8	100	100	75-125	.4	20	
Lead	mg/kg	1.7	27.8	27.8	28.1	28.2	95	95	75-125	.4	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch: MPRP/2229 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 257591061, 257591062

METHOD BLANK: 70681 Matrix: Water
Associated Lab Samples: 257591061, 257591062

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	05/20/11 14:49	
Cadmium	mg/L	ND	0.0050	05/20/11 14:49	
Lead	mg/L	ND	0.010	05/20/11 14:49	

LABORATORY CONTROL SAMPLE: 70682

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.50	99	80-120	
Cadmium	mg/L	.5	0.50	100	80-120	
Lead	mg/L	.5	0.51	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70683 70684

Parameter	Units	257614045 Result	MS Spike Conc.	MSD Spike Conc.	70683		70684		% Rec Limits	Max		Qual
					MS Result	MSD Result	MS % Rec	MSD % Rec		RPD	RPD	
Arsenic	mg/L	132	.5	.5	144	134	2370	445	75-125	7	20	M1
Cadmium	mg/L	4.3	.5	.5	4.6	4.4	75	35	75-125	4	20	M1
Lead	mg/L	192	.5	.5	216	207	4910	3080	75-125	4	20	M1

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch: MPRP/2227 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 257591061

METHOD BLANK: 70673 Matrix: Water
Associated Lab Samples: 257591061

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	0.063	0.020	05/19/11 16:46	P8
Cadmium, Dissolved	mg/L	ND	0.0050	05/19/11 16:46	
Lead, Dissolved	mg/L	ND	0.010	05/19/11 16:46	

LABORATORY CONTROL SAMPLE: 70674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.58	117	80-120	
Cadmium, Dissolved	mg/L	.5	0.52	104	80-120	
Lead, Dissolved	mg/L	.5	0.53	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70675 70676

Parameter	Units	257577001		70676		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Arsenic, Dissolved	mg/L	ND	.5	.5	0.54	0.53	108	105	75-125	3	20		
Cadmium, Dissolved	mg/L	ND	.5	.5	0.53	0.52	106	104	75-125	2	20		
Lead, Dissolved	mg/L	ND	.5	.5	0.53	0.52	106	103	75-125	3	20		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: MPRP/2231

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET Dissolved

Associated Lab Samples: 257591062

METHOD BLANK: 70692

Matrix: Water

Associated Lab Samples: 257591062

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.020	05/19/11 18:30	P8
Cadmium, Dissolved	mg/L	ND	0.0050	05/19/11 18:30	
Lead, Dissolved	mg/L	ND	0.010	05/19/11 18:30	

LABORATORY CONTROL SAMPLE: 70693

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.52	105	80-120	
Cadmium, Dissolved	mg/L	.5	0.51	102	80-120	
Lead, Dissolved	mg/L	.5	0.53	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70694

70695

Parameter	Units	257730001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Arsenic, Dissolved	mg/L	0.030	.5	.5	0.54	0.56	102	106	75-125	3	20	
Cadmium, Dissolved	mg/L	ND	.5	.5	0.51	0.53	101	105	75-125	4	20	
Lead, Dissolved	mg/L	ND	.5	.5	0.52	0.54	103	107	75-125	3	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch: MSV/4406 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 257591061, 257591062, 257591063

METHOD BLANK: 69739 Matrix: Water
Associated Lab Samples: 257591061, 257591062, 257591063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	05/12/11 09:26	
1,1,1-Trichloroethane	ug/L	ND	1.0	05/12/11 09:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	05/12/11 09:26	
1,1,2-Trichloroethane	ug/L	ND	1.0	05/12/11 09:26	
1,1-Dichloroethane	ug/L	ND	1.0	05/12/11 09:26	
1,1-Dichloroethene	ug/L	ND	1.0	05/12/11 09:26	
1,1-Dichloropropene	ug/L	ND	1.0	05/12/11 09:26	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	05/12/11 09:26	
1,2,3-Trichloropropane	ug/L	ND	1.0	05/12/11 09:26	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	05/12/11 09:26	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	05/12/11 09:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	05/12/11 09:26	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	05/12/11 09:26	
1,2-Dichlorobenzene	ug/L	ND	1.0	05/12/11 09:26	
1,2-Dichloroethane	ug/L	ND	1.0	05/12/11 09:26	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	05/12/11 09:26	
1,2-Dichloropropane	ug/L	ND	1.0	05/12/11 09:26	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	05/12/11 09:26	
1,3-Dichlorobenzene	ug/L	ND	1.0	05/12/11 09:26	
1,3-Dichloropropane	ug/L	ND	1.0	05/12/11 09:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	05/12/11 09:26	
2,2-Dichloropropane	ug/L	ND	1.0	05/12/11 09:26	
2-Butanone (MEK)	ug/L	ND	5.0	05/12/11 09:26	
2-Chlorotoluene	ug/L	ND	1.0	05/12/11 09:26	
2-Hexanone	ug/L	ND	5.0	05/12/11 09:26	
4-Chlorotoluene	ug/L	ND	1.0	05/12/11 09:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	05/12/11 09:26	
Acetone	ug/L	ND	5.0	05/12/11 09:26	
Benzene	ug/L	ND	1.0	05/12/11 09:26	
Bromobenzene	ug/L	ND	1.0	05/12/11 09:26	
Bromochloromethane	ug/L	ND	1.0	05/12/11 09:26	
Bromodichloromethane	ug/L	ND	1.0	05/12/11 09:26	
Bromoform	ug/L	ND	1.0	05/12/11 09:26	
Bromomethane	ug/L	ND	1.0	05/12/11 09:26	
Carbon disulfide	ug/L	ND	1.0	05/12/11 09:26	
Carbon tetrachloride	ug/L	ND	1.0	05/12/11 09:26	
Chlorobenzene	ug/L	ND	1.0	05/12/11 09:26	
Chloroethane	ug/L	ND	1.0	05/12/11 09:26	
Chloroform	ug/L	ND	1.0	05/12/11 09:26	
Chloromethane	ug/L	ND	1.0	05/12/11 09:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	05/12/11 09:26	
cis-1,3-Dichloropropene	ug/L	ND	1.0	05/12/11 09:26	
Dibromochloromethane	ug/L	ND	1.0	05/12/11 09:26	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

METHOD BLANK: 69739

Matrix: Water

Associated Lab Samples: 257591061, 257591062, 257591063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	05/12/11 09:26	
Dichlorodifluoromethane	ug/L	ND	1.0	05/12/11 09:26	
Ethylbenzene	ug/L	ND	1.0	05/12/11 09:26	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	05/12/11 09:26	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	05/12/11 09:26	
m&p-Xylene	ug/L	ND	2.0	05/12/11 09:26	
Methyl-tert-butyl ether	ug/L	ND	1.0	05/12/11 09:26	
Methylene chloride	ug/L	ND	4.0	05/12/11 09:26	
n-Butylbenzene	ug/L	ND	1.0	05/12/11 09:26	
n-Propylbenzene	ug/L	ND	1.0	05/12/11 09:26	
Naphthalene	ug/L	ND	1.0	05/12/11 09:26	
o-Xylene	ug/L	ND	1.0	05/12/11 09:26	
p-Isopropyltoluene	ug/L	ND	1.0	05/12/11 09:26	
sec-Butylbenzene	ug/L	ND	1.0	05/12/11 09:26	
Styrene	ug/L	ND	1.0	05/12/11 09:26	
tert-Butylbenzene	ug/L	ND	1.0	05/12/11 09:26	
Tetrachloroethene	ug/L	ND	1.0	05/12/11 09:26	
Toluene	ug/L	ND	1.0	05/12/11 09:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	05/12/11 09:26	
trans-1,3-Dichloropropene	ug/L	ND	1.0	05/12/11 09:26	
Trichloroethene	ug/L	ND	1.0	05/12/11 09:26	
Trichlorofluoromethane	ug/L	ND	1.0	05/12/11 09:26	
Vinyl chloride	ug/L	ND	0.20	05/12/11 09:26	
Xylene (Total)	ug/L	ND	3.0	05/12/11 09:26	
1,2-Dichloroethane-d4 (S)	%	96	80-124	05/12/11 09:26	
4-Bromofluorobenzene (S)	%	99	80-120	05/12/11 09:26	
Dibromofluoromethane (S)	%	95	80-122	05/12/11 09:26	
Toluene-d8 (S)	%	99	80-123	05/12/11 09:26	

LABORATORY CONTROL SAMPLE: 69740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.5	92	68-131	
1,1,1-Trichloroethane	ug/L	20	16.8	84	74-137	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	72-126	
1,1,2-Trichloroethane	ug/L	20	18.1	90	76-120	
1,1-Dichloroethane	ug/L	20	17.4	87	76-131	
1,1-Dichloroethene	ug/L	20	18.0	90	68-150	
1,1-Dichloropropene	ug/L	20	17.0	85	74-138	
1,2,3-Trichlorobenzene	ug/L	20	17.7	89	60-136	
1,2,3-Trichloropropane	ug/L	20	18.9	95	62-135	
1,2,4-Trichlorobenzene	ug/L	20	17.9	90	62-136	
1,2,4-Trimethylbenzene	ug/L	20	18.0	90	66-132	
1,2-Dibromo-3-chloropropane	ug/L	20	19.1	96	60-123	
1,2-Dibromoethane (EDB)	ug/L	20	18.5	92	73-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 69740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	18.1	90	75-122	
1,2-Dichloroethane	ug/L	20	17.6	88	78-125	
1,2-Dichloroethene (Total)	ug/L	40	36.0	90	77-136	
1,2-Dichloropropane	ug/L	20	17.1	85	76-121	
1,3,5-Trimethylbenzene	ug/L	20	17.4	87	69-130	
1,3-Dichlorobenzene	ug/L	20	17.8	89	75-122	
1,3-Dichloropropane	ug/L	20	17.5	88	77-120	
1,4-Dichlorobenzene	ug/L	20	17.7	88	78-120	
2,2-Dichloropropane	ug/L	20	18.4	92	46-168	
2-Butanone (MEK)	ug/L	40	41.9	105	55-146	
2-Chlorotoluene	ug/L	20	17.1	86	67-129	
2-Hexanone	ug/L	40	40.4	101	58-136	
4-Chlorotoluene	ug/L	20	17.5	88	75-126	
4-Methyl-2-pentanone (MIBK)	ug/L	40	36.8	92	62-137	
Acetone	ug/L	40	50.3	126	30-180	
Benzene	ug/L	20	16.8	84	76-127	
Bromobenzene	ug/L	20	17.7	89	74-120	
Bromochloromethane	ug/L	20	18.1	91	73-132	
Bromodichloromethane	ug/L	20	18.0	90	74-126	
Bromoform	ug/L	20	18.4	92	64-129	
Bromomethane	ug/L	20	17.6	88	40-164	
Carbon disulfide	ug/L	20	16.2	81	32-158	
Carbon tetrachloride	ug/L	20	18.3	92	68-142	
Chlorobenzene	ug/L	20	17.3	87	78-121	
Chloroethane	ug/L	20	13.6	68	58-151	
Chloroform	ug/L	20	17.3	86	80-125	
Chloromethane	ug/L	20	16.8	84	50-152	
cis-1,2-Dichloroethene	ug/L	20	18.3	92	80-135	
cis-1,3-Dichloropropene	ug/L	20	19.2	96	65-134	
Dibromochloromethane	ug/L	20	18.8	94	71-126	
Dibromomethane	ug/L	20	18.2	91	78-126	
Dichlorodifluoromethane	ug/L	20	14.2	71	18-180	
Ethylbenzene	ug/L	20	17.2	86	72-125	
Hexachloro-1,3-butadiene	ug/L	20	16.4	82	60-138	
Isopropylbenzene (Cumene)	ug/L	20	16.9	85	69-135	
m&p-Xylene	ug/L	40	34.8	87	73-126	
Methyl-tert-butyl ether	ug/L	20	19.1	95	58-145	
Methylene chloride	ug/L	20	13.6	68	65-144	
n-Butylbenzene	ug/L	20	16.8	84	66-132	
n-Propylbenzene	ug/L	20	17.1	85	69-131	
Naphthalene	ug/L	20	19.5	97	51-142	
o-Xylene	ug/L	20	17.7	88	73-123	
p-Isopropyltoluene	ug/L	20	17.5	88	67-133	
sec-Butylbenzene	ug/L	20	17.5	88	65-136	
Styrene	ug/L	20	17.4	87	72-128	
tert-Butylbenzene	ug/L	20	16.2	81	61-133	
Tetrachloroethene	ug/L	20	10.8	54	40-164	
Toluene	ug/L	20	17.0	85	69-125	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 69740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	17.6	88	73-139	
trans-1,3-Dichloropropene	ug/L	20	16.6	83	56-122	
Trichloroethene	ug/L	20	16.2	81	74-127	
Trichlorofluoromethane	ug/L	20	16.4	82	64-154	
Vinyl chloride	ug/L	20	15.1	76	57-147	
Xylene (Total)	ug/L	60	52.5	87	74-124	
1,2-Dichloroethane-d4 (S)	%			94	80-124	
4-Bromofluorobenzene (S)	%			97	80-120	
Dibromofluoromethane (S)	%			97	80-122	
Toluene-d8 (S)	%			98	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70100 70101

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		257577001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.3	22.0	111	110	73-126	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.8	21.6	109	108	69-135	.7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.6	21.7	113	109	69-123	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.5	19.9	103	99	76-114	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.2	21.9	111	110	74-124	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.1	23.7	121	118	69-139	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.1	22.1	111	110	77-134	.1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.9	20.2	104	101	63-136	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.4	19.8	102	99	66-118	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.7	20.9	108	105	68-129	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.5	21.9	111	108	72-126	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.0	19.3	100	97	64-124	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.8	20.3	104	102	78-117	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.6	20.7	108	104	74-118	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.4	19.9	102	99	73-127	3	30	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	46.6	46.2	116	115	60-140	.8	30	
1,2-Dichloropropane	ug/L	ND	20	20	20.7	20.4	104	102	72-126	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.9	21.2	109	106	68-129	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.0	21.4	110	107	73-119	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.1	19.6	100	98	74-119	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.5	21.0	108	105	73-115	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.7	24.1	124	120	46-157	3	30	
2-Butanone (MEK)	ug/L	ND	40	40	34.9	33.2	87	83	65-138	5	30	
2-Chlorotoluene	ug/L	ND	20	20	21.3	20.7	107	103	68-122	3	30	
2-Hexanone	ug/L	ND	40	40	37.5	36.1	94	90	60-135	4	30	
4-Chlorotoluene	ug/L	ND	20	20	22.1	21.3	111	106	70-122	4	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.6	38.2	99	96	70-135	4	30	
Acetone	ug/L	ND	40	40	28.9	29.2	72	73	58-146	1	30	
Benzene	ug/L	ND	20	20	21.2	21.0	106	105	75-124	1	30	
Bromobenzene	ug/L	ND	20	20	21.5	20.7	108	103	74-116	4	30	
Bromochloromethane	ug/L	ND	20	20	21.1	21.1	106	106	75-128	.04	30	
Bromodichloromethane	ug/L	ND	20	20	21.6	21.0	108	105	77-126	3	30	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 154 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70100			70101									
Parameter	Units	257577001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD		
Bromoform	ug/L	ND	20	20	20.1	19.7	100	99	61-131	2	30	
Bromomethane	ug/L	ND	20	20	21.5	19.9	108	99	58-139	8	30	
Carbon disulfide	ug/L	ND	20	20	22.1	21.8	110	109	39-122	1	30	
Carbon tetrachloride	ug/L	ND	20	20	23.8	23.3	119	117	67-136	2	30	
Chlorobenzene	ug/L	ND	20	20	21.6	21.2	108	106	78-115	2	30	
Chloroethane	ug/L	ND	20	20	16.8	16.5	84	82	58-137	2	30	
Chloroform	ug/L	ND	20	20	21.3	21.1	107	106	75-124	1	30	
Chloromethane	ug/L	ND	20	20	21.5	20.0	107	100	50-129	7	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.0	116	115	78-126	1	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.0	22.6	115	113	78-159	2	30	
Dibromochloromethane	ug/L	ND	20	20	21.5	21.2	107	106	81-125	1	30	
Dibromomethane	ug/L	ND	20	20	20.3	20.3	102	101	75-124	.2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	15.8	14.6	79	73	30-140	8	30	
Ethylbenzene	ug/L	ND	20	20	21.9	21.6	108	107	76-124	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	21.1	20.0	106	100	55-132	6	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.6	21.2	108	106	73-127	2	30	
m&p-Xylene	ug/L	ND	40	40	44.4	43.6	109	107	75-124	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.9	21.2	110	106	72-130	3	30	
Methylene chloride	ug/L	ND	20	20	16.7	16.3	84	82	69-124	2	30	
n-Butylbenzene	ug/L	ND	20	20	21.8	20.9	109	105	65-131	4	30	
n-Propylbenzene	ug/L	ND	20	20	22.0	21.3	110	107	69-129	3	30	
Naphthalene	ug/L	ND	20	20	21.9	21.1	109	105	69-135	4	30	
o-Xylene	ug/L	ND	20	20	22.0	21.6	109	107	76-121	2	30	
p-Isopropyltoluene	ug/L	ND	20	20	22.2	21.5	111	108	69-133	3	30	
sec-Butylbenzene	ug/L	ND	20	20	22.4	21.6	112	108	67-132	4	30	
Styrene	ug/L	ND	20	20	21.5	21.1	107	105	76-121	2	30	
tert-Butylbenzene	ug/L	ND	20	20	20.4	19.7	102	99	66-132	3	30	
Tetrachloroethene	ug/L	ND	20	20	14.1	13.7	70	69	70-127	3	30 M1	
Toluene	ug/L	ND	20	20	21.6	21.2	106	104	75-124	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.2	117	116	72-129	.5	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.3	18.7	97	94	69-122	3	30	
Trichloroethene	ug/L	ND	20	20	20.8	20.6	104	103	78-124	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.2	19.5	101	98	60-147	3	30	
Vinyl chloride	ug/L	ND	20	20	19.2	18.6	96	93	56-136	4	30	
Xylene (Total)	ug/L	ND	60	60	66.4	65.2	109	107	76-123	2	30	
1,2-Dichloroethane-d4 (S)	%						94	92	80-124			
4-Bromofluorobenzene (S)	%						98	97	80-120			
Dibromofluoromethane (S)	%						98	95	80-122			
Toluene-d8 (S)	%						99	99	80-123			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: MSV/4410

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 257591001, 257591003, 257591004, 257591005, 257591006, 257591010, 257591011, 257591012, 257591013, 257591014

METHOD BLANK: 69780

Matrix: Solid

Associated Lab Samples: 257591001, 257591003, 257591004, 257591005, 257591006, 257591010, 257591011, 257591012, 257591013, 257591014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	05/12/11 11:06	
1,1,1-Trichloroethane	ug/kg	ND	3.0	05/12/11 11:06	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	05/12/11 11:06	
1,1,2-Trichloroethane	ug/kg	ND	3.0	05/12/11 11:06	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	05/12/11 11:06	
1,1-Dichloroethane	ug/kg	ND	3.0	05/12/11 11:06	
1,1-Dichloroethene	ug/kg	ND	3.0	05/12/11 11:06	
1,1-Dichloropropene	ug/kg	ND	3.0	05/12/11 11:06	
1,2,3-Trichlorobenzene	ug/kg	0.53J	3.0	05/12/11 11:06	
1,2,3-Trichloropropane	ug/kg	ND	3.0	05/12/11 11:06	
1,2,4-Trichlorobenzene	ug/kg	0.40J	3.0	05/12/11 11:06	
1,2,4-Trimethylbenzene	ug/kg	0.72J	3.0	05/12/11 11:06	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/12/11 11:06	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	05/12/11 11:06	
1,2-Dichlorobenzene	ug/kg	ND	3.0	05/12/11 11:06	
1,2-Dichloroethane	ug/kg	ND	3.0	05/12/11 11:06	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	05/12/11 11:06	
1,2-Dichloropropane	ug/kg	ND	3.0	05/12/11 11:06	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	05/12/11 11:06	
1,3-Dichlorobenzene	ug/kg	ND	3.0	05/12/11 11:06	
1,3-Dichloropropane	ug/kg	ND	3.0	05/12/11 11:06	
1,4-Dichlorobenzene	ug/kg	ND	3.0	05/12/11 11:06	
2,2-Dichloropropane	ug/kg	ND	3.0	05/12/11 11:06	
2-Butanone (MEK)	ug/kg	ND	10.0	05/12/11 11:06	
2-Chlorotoluene	ug/kg	ND	3.0	05/12/11 11:06	
2-Hexanone	ug/kg	ND	10.0	05/12/11 11:06	
4-Chlorotoluene	ug/kg	ND	3.0	05/12/11 11:06	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	05/12/11 11:06	
Acetone	ug/kg	ND	10.0	05/12/11 11:06	
Benzene	ug/kg	ND	3.0	05/12/11 11:06	
Bromobenzene	ug/kg	ND	3.0	05/12/11 11:06	
Bromochloromethane	ug/kg	ND	3.0	05/12/11 11:06	
Bromodichloromethane	ug/kg	ND	3.0	05/12/11 11:06	
Bromoform	ug/kg	ND	3.0	05/12/11 11:06	
Bromomethane	ug/kg	ND	3.0	05/12/11 11:06	
Carbon disulfide	ug/kg	ND	3.0	05/12/11 11:06	
Carbon tetrachloride	ug/kg	ND	3.0	05/12/11 11:06	
Chlorobenzene	ug/kg	ND	3.0	05/12/11 11:06	
Chloroethane	ug/kg	ND	3.0	05/12/11 11:06	
Chloroform	ug/kg	ND	3.0	05/12/11 11:06	
Chloromethane	ug/kg	ND	3.0	05/12/11 11:06	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 156 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

METHOD BLANK: 69780

Matrix: Solid

Associated Lab Samples: 257591001, 257591003, 257591004, 257591005, 257591006, 257591010, 257591011, 257591012, 257591013, 257591014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	05/12/11 11:06	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	05/12/11 11:06	
Dibromochloromethane	ug/kg	ND	3.0	05/12/11 11:06	
Dibromomethane	ug/kg	ND	3.0	05/12/11 11:06	
Dichlorodifluoromethane	ug/kg	ND	3.0	05/12/11 11:06	
Ethylbenzene	ug/kg	0.48J	3.0	05/12/11 11:06	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	05/12/11 11:06	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	05/12/11 11:06	
m&p-Xylene	ug/kg	2.1J	6.0	05/12/11 11:06	
Methyl-tert-butyl ether	ug/kg	ND	3.0	05/12/11 11:06	
Methylene chloride	ug/kg	ND	10.0	05/12/11 11:06	
n-Butylbenzene	ug/kg	ND	3.0	05/12/11 11:06	
n-Propylbenzene	ug/kg	ND	3.0	05/12/11 11:06	
Naphthalene	ug/kg	0.97J	3.0	05/12/11 11:06	
o-Xylene	ug/kg	0.61J	3.0	05/12/11 11:06	
p-Isopropyltoluene	ug/kg	ND	3.0	05/12/11 11:06	
sec-Butylbenzene	ug/kg	ND	3.0	05/12/11 11:06	
Styrene	ug/kg	ND	3.0	05/12/11 11:06	
tert-Amylmethyl ether	ug/kg	ND	3.0	05/12/11 11:06	
tert-Butylbenzene	ug/kg	ND	3.0	05/12/11 11:06	
Tetrachloroethene	ug/kg	ND	3.0	05/12/11 11:06	
Toluene	ug/kg	1.1J	3.0	05/12/11 11:06	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	05/12/11 11:06	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	05/12/11 11:06	
Trichloroethene	ug/kg	ND	3.0	05/12/11 11:06	
Trichlorofluoromethane	ug/kg	ND	3.0	05/12/11 11:06	
Vinyl chloride	ug/kg	ND	3.0	05/12/11 11:06	
Xylene (Total)	ug/kg	2.7J	9.0	05/12/11 11:06	
1,2-Dichloroethane-d4 (S)	%	96	80-143	05/12/11 11:06	
4-Bromofluorobenzene (S)	%	92	72-122	05/12/11 11:06	
Dibromofluoromethane (S)	%	105	80-136	05/12/11 11:06	
Toluene-d8 (S)	%	96	80-120	05/12/11 11:06	

LABORATORY CONTROL SAMPLE: 69781

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	59.9	120	49-136	
1,1,1-Trichloroethane	ug/kg	50	61.9	124	56-147	
1,1,2,2-Tetrachloroethane	ug/kg	50	44.0	88	62-143	
1,1,2-Trichloroethane	ug/kg	50	50.1	100	66-127	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	66.6	133	60-140	
1,1-Dichloroethane	ug/kg	50	52.3	105	54-146	
1,1-Dichloroethene	ug/kg	50	60.1	120	58-152	
1,1-Dichloropropene	ug/kg	50	54.1	108	74-132	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 157 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 69781

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	48.8	98	54-146	
1,2,3-Trichloropropane	ug/kg	50	45.6	91	49-150	
1,2,4-Trichlorobenzene	ug/kg	50	51.3	103	48-153	
1,2,4-Trimethylbenzene	ug/kg	50	49.5	99	66-133	
1,2-Dibromo-3-chloropropane	ug/kg	50	37.8	76	41-156	
1,2-Dibromoethane (EDB)	ug/kg	50	53.7	107	71-123	
1,2-Dichlorobenzene	ug/kg	50	53.0	106	71-127	
1,2-Dichloroethane	ug/kg	50	50.5	101	70-124	
1,2-Dichloroethene (Total)	ug/kg	100	126	126	69-138	
1,2-Dichloropropane	ug/kg	50	48.5	97	71-125	
1,3,5-Trimethylbenzene	ug/kg	50	51.3	103	69-130	
1,3-Dichlorobenzene	ug/kg	50	54.5	109	73-126	
1,3-Dichloropropane	ug/kg	50	48.4	97	65-128	
1,4-Dichlorobenzene	ug/kg	50	52.7	105	73-125	
2,2-Dichloropropane	ug/kg	50	64.9	130	36-164	
2-Butanone (MEK)	ug/kg	100	99.1	99	70-171	
2-Chlorotoluene	ug/kg	50	48.2	96	66-134	
2-Hexanone	ug/kg	100	79.6	80	51-180	
4-Chlorotoluene	ug/kg	50	54.8	110	64-137	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	79.7	80	50-162	
Acetone	ug/kg	100	118	118	47-166	
Benzene	ug/kg	50	51.8	104	75-133	
Bromobenzene	ug/kg	50	56.1	112	71-124	
Bromochloromethane	ug/kg	50	62.6	125	54-140	
Bromodichloromethane	ug/kg	50	56.9	114	73-120	
Bromoform	ug/kg	50	52.4	105	43-138	
Bromomethane	ug/kg	50	48.5	97	54-149	
Carbon disulfide	ug/kg	50	51.3	103	44-152	
Carbon tetrachloride	ug/kg	50	64.9	130	46-154	
Chlorobenzene	ug/kg	50	57.4	115	72-124	
Chloroethane	ug/kg	50	41.6	83	58-152	
Chloroform	ug/kg	50	57.8	116	72-131	
Chloromethane	ug/kg	50	28.2	56	50-156	
cis-1,2-Dichloroethene	ug/kg	50	62.8	126	76-132	
cis-1,3-Dichloropropene	ug/kg	50	57.7	115	69-120	
Dibromochloromethane	ug/kg	50	56.1	112	66-120	
Dibromomethane	ug/kg	50	55.2	110	75-122	
Dichlorodifluoromethane	ug/kg	50	41.5	83	49-157	
Ethylbenzene	ug/kg	50	51.5	103	68-131	
Hexachloro-1,3-butadiene	ug/kg	50	57.9	116	66-128	
Isopropylbenzene (Cumene)	ug/kg	50	50.5	101	57-142	
m&p-Xylene	ug/kg	100	111	111	67-132	
Methyl-tert-butyl ether	ug/kg	50	51.2	102	52-143	
Methylene chloride	ug/kg	50	53.0	106	45-146	
n-Butylbenzene	ug/kg	50	42.9	86	67-139	
n-Propylbenzene	ug/kg	50	54.8	110	68-133	
Naphthalene	ug/kg	50	47.0	94	52-147	
o-Xylene	ug/kg	50	55.8	112	68-129	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 69781

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	50	49.7	99	73-129	
sec-Butylbenzene	ug/kg	50	56.0	112	72-132	
Styrene	ug/kg	50	52.9	106	62-125	
tert-Amylmethyl ether	ug/kg	50	51.9	104	62-138	
tert-Butylbenzene	ug/kg	50	52.5	105	70-125	
Tetrachloroethene	ug/kg	50	49.8	100	62-130	
Toluene	ug/kg	50	55.1	110	73-124	
trans-1,2-Dichloroethene	ug/kg	50	62.9	126	64-144	
trans-1,3-Dichloropropene	ug/kg	50	46.7	93	50-128	
Trichloroethene	ug/kg	50	57.4	115	74-128	
Trichlorofluoromethane	ug/kg	50	58.1	116	57-163	
Vinyl chloride	ug/kg	50	36.9	74	59-155	
Xylene (Total)	ug/kg	150	167	111	68-130	
1,2-Dichloroethane-d4 (S)	%			94	80-143	
4-Bromofluorobenzene (S)	%			95	72-122	
Dibromofluoromethane (S)	%			107	80-136	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70436 70437

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		257517003 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/kg	ND	49.1	45.2	42.6	41.4	87	92	71-116	3	30	
1,1,1-Trichloroethane	ug/kg	ND	49.1	45.2	39.7	42.4	81	94	68-122	6	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	49.1	45.2	29.9	29.3	61	65	67-130	2	30	M1
1,1,2-Trichloroethane	ug/kg	ND	49.1	45.2	35.9	35.4	73	78	70-117	1	30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	49.1	45.2	45.7	46.4	93	103	60-140	2	30	
1,1-Dichloroethane	ug/kg	ND	49.1	45.2	31.2	31.8	64	70	71-123	2	30	M1
1,1-Dichloroethene	ug/kg	ND	49.1	45.2	33.6	37.9	68	84	69-130	12	30	M1
1,1-Dichloropropene	ug/kg	ND	49.1	45.2	33.6	34.1	69	75	71-129	1	30	M1
1,2,3-Trichlorobenzene	ug/kg	ND	49.1	45.2	37.5	38.8	76	86	59-128	3	30	
1,2,3-Trichloropropane	ug/kg	ND	49.1	45.2	34.7	33.0	71	73	68-123	5	30	
1,2,4-Trichlorobenzene	ug/kg	ND	49.1	45.2	39.4	40.7	80	90	60-135	3	30	
1,2,4-Trimethylbenzene	ug/kg	ND	49.1	45.2	33.3	35.7	68	79	62-131	7	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	49.1	45.2	28.1	26.0	57	58	52-135	8	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	49.1	45.2	40.3	38.8	82	86	71-123	4	30	
1,2-Dichlorobenzene	ug/kg	ND	49.1	45.2	37.9	39.2	77	87	69-116	4	30	
1,2-Dichloroethane	ug/kg	ND	49.1	45.2	38.7	35.4	79	78	71-124	9	30	
1,2-Dichloroethene (Total)	ug/kg	ND	98.2	90.4	75.4	77.8	77	86	64-112	3	30	
1,2-Dichloropropane	ug/kg	ND	49.1	45.2	30.9	29.7	63	66	68-116	4	30	M1
1,3,5-Trimethylbenzene	ug/kg	ND	49.1	45.2	34.3	37.1	70	82	62-128	8	30	
1,3-Dichlorobenzene	ug/kg	ND	49.1	45.2	38.7	40.2	79	89	68-115	4	30	
1,3-Dichloropropane	ug/kg	ND	49.1	45.2	35.3	33.5	72	74	67-121	5	30	
1,4-Dichlorobenzene	ug/kg	ND	49.1	45.2	37.5	39.3	76	87	68-116	5	30	
2,2-Dichloropropane	ug/kg	ND	49.1	45.2	36.4	41.6	74	92	72-117	13	30	
2-Butanone (MEK)	ug/kg	ND	98.2	90.4	85.1	69.7	87	77	58-152	20	30	
2-Chlorotoluene	ug/kg	ND	49.1	45.2	31.0	34.4	63	76	61-120	10	30	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 159 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		70436		70437									
Parameter	Units	257517003	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
2-Hexanone	ug/kg	ND	98.2	90.4	67.2	58.2	68	64	55-150	14	30		
4-Chlorotoluene	ug/kg	ND	49.1	45.2	37.1	39.7	75	88	64-122	7	30		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	98.2	90.4	57.5	52.0	59	58	63-147	10	30	M1	
Acetone	ug/kg	ND	98.2	90.4	90.5	85.6	92	95	52-160	6	30		
Benzene	ug/kg	ND	49.1	45.2	34.9	34.4	71	76	68-124	1	30		
Bromobenzene	ug/kg	ND	49.1	45.2	38.7	41.8	79	92	68-120	8	30		
Bromochloromethane	ug/kg	ND	49.1	45.2	42.7	41.4	87	92	78-114	3	30		
Bromodichloromethane	ug/kg	ND	49.1	45.2	40.3	39.6	82	88	77-112	2	30		
Bromoform	ug/kg	ND	49.1	45.2	40.8	38.1	83	84	72-122	7	30		
Bromomethane	ug/kg	ND	49.1	45.2	23.1	21.2	47	47	61-131	8	30	M1	
Carbon disulfide	ug/kg	ND	49.1	45.2	28.4	31.8	58	70	10-160	11	30		
Carbon tetrachloride	ug/kg	ND	49.1	45.2	40.4	44.1	82	98	74-115	9	30		
Chlorobenzene	ug/kg	ND	49.1	45.2	40.2	40.5	82	90	67-130	.7	30		
Chloroethane	ug/kg	ND	49.1	45.2	16.7	17.3	34	38	68-126	3	30	M1	
Chloroform	ug/kg	ND	49.1	45.2	38.5	38.5	78	85	72-113	.1	30		
Chloromethane	ug/kg	ND	49.1	45.2	13.0	12.7	27	28	33-126	3	30	M1	
cis-1,2-Dichloroethene	ug/kg	ND	49.1	45.2	39.1	39.7	80	88	73-122	2	30		
cis-1,3-Dichloropropene	ug/kg	ND	49.1	45.2	42.2	39.1	86	87	75-125	8	30		
Dibromochloromethane	ug/kg	ND	49.1	45.2	41.3	40.2	84	89	69-121	3	30		
Dibromomethane	ug/kg	ND	49.1	45.2	39.0	37.2	79	82	78-115	5	30		
Dichlorodifluoromethane	ug/kg	ND	49.1	45.2	22.8	23.2	46	51	10-127	2	30		
Ethylbenzene	ug/kg	ND	49.1	45.2	35.6	36.5	73	81	63-131	2	30		
Hexachloro-1,3-butadiene	ug/kg	ND	49.1	45.2	40.2	45.2	82	100	62-127	12	30		
Isopropylbenzene (Cumene)	ug/kg	ND	49.1	45.2	36.2	36.7	74	81	66-127	1	30		
m&p-Xylene	ug/kg	ND	98.2	90.4	76.7	78.3	78	87	69-128	2	30		
Methyl-tert-butyl ether	ug/kg	ND	49.1	45.2	33.9	33.1	69	73	68-139	2	30		
Methylene chloride	ug/kg	ND	49.1	45.2	19.3	22.1	39	49	46-150	13	30	M1	
n-Butylbenzene	ug/kg	ND	49.1	45.2	29.9	32.9	61	73	62-126	9	30	M1	
n-Propylbenzene	ug/kg	ND	49.1	45.2	34.6	38.6	70	85	59-129	11	30		
Naphthalene	ug/kg	ND	49.1	45.2	35.0	35.8	71	79	45-147	2	30		
o-Xylene	ug/kg	ND	49.1	45.2	38.6	38.4	78	84	63-129	.7	30		
p-Isopropyltoluene	ug/kg	ND	49.1	45.2	33.9	36.8	69	81	65-134	8	30		
sec-Butylbenzene	ug/kg	ND	49.1	45.2	35.2	39.8	72	88	62-131	12	30		
Styrene	ug/kg	ND	49.1	45.2	38.5	37.2	78	82	68-129	3	30		
tert-Amylmethyl ether	ug/kg	ND	49.1	45.2	34.5	33.5	70	74	74-125	3	30	M1	
tert-Butylbenzene	ug/kg	ND	49.1	45.2	34.2	37.2	70	82	56-131	8	30		
Tetrachloroethene	ug/kg	ND	49.1	45.2	36.4	37.9	74	84	66-121	4	30		
Toluene	ug/kg	ND	49.1	45.2	37.0	37.7	73	81	61-126	2	30		
trans-1,2-Dichloroethene	ug/kg	ND	49.1	45.2	36.3	38.0	74	84	72-118	5	30		
trans-1,3-Dichloropropene	ug/kg	ND	49.1	45.2	34.3	32.5	70	72	64-113	6	30		
Trichloroethene	ug/kg	ND	49.1	45.2	40.4	40.8	82	90	72-115	1	30		
Trichlorofluoromethane	ug/kg	ND	49.1	45.2	32.7	35.6	67	79	66-127	8	30		
Vinyl chloride	ug/kg	ND	49.1	45.2	16.9	17.8	34	39	49-122	5	30	M1	
Xylene (Total)	ug/kg	ND	147	136	115	117	78	86	68-129	1	30		
1,2-Dichloroethane-d4 (S)	%						102	97	80-143				
4-Bromofluorobenzene (S)	%						88	91	72-122				
Dibromofluoromethane (S)	%						111	108	80-136				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		70436		70437									
Parameter	Units	257517003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Toluene-d8 (S)	%						96	98	80-120				

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch: MSV/4460 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 257591002, 257591007, 257591008

METHOD BLANK: 70584 Matrix: Solid
Associated Lab Samples: 257591002, 257591007, 257591008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	05/18/11 15:55	
1,1,1-Trichloroethane	ug/kg	ND	3.0	05/18/11 15:55	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	05/18/11 15:55	
1,1,2-Trichloroethane	ug/kg	ND	3.0	05/18/11 15:55	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	05/18/11 15:55	
1,1-Dichloroethane	ug/kg	ND	3.0	05/18/11 15:55	
1,1-Dichloroethene	ug/kg	ND	3.0	05/18/11 15:55	
1,1-Dichloropropene	ug/kg	ND	3.0	05/18/11 15:55	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	05/18/11 15:55	
1,2,3-Trichloropropane	ug/kg	ND	3.0	05/18/11 15:55	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	05/18/11 15:55	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	05/18/11 15:55	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/18/11 15:55	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	05/18/11 15:55	
1,2-Dichlorobenzene	ug/kg	ND	3.0	05/18/11 15:55	
1,2-Dichloroethane	ug/kg	ND	3.0	05/18/11 15:55	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	05/18/11 15:55	
1,2-Dichloropropane	ug/kg	ND	3.0	05/18/11 15:55	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	05/18/11 15:55	
1,3-Dichlorobenzene	ug/kg	ND	3.0	05/18/11 15:55	
1,3-Dichloropropane	ug/kg	ND	3.0	05/18/11 15:55	
1,4-Dichlorobenzene	ug/kg	ND	3.0	05/18/11 15:55	
2,2-Dichloropropane	ug/kg	ND	3.0	05/18/11 15:55	
2-Butanone (MEK)	ug/kg	ND	10.0	05/18/11 15:55	
2-Chlorotoluene	ug/kg	ND	3.0	05/18/11 15:55	
2-Hexanone	ug/kg	ND	10.0	05/18/11 15:55	
4-Chlorotoluene	ug/kg	ND	3.0	05/18/11 15:55	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	05/18/11 15:55	
Acetone	ug/kg	ND	10.0	05/18/11 15:55	
Benzene	ug/kg	ND	3.0	05/18/11 15:55	
Bromobenzene	ug/kg	ND	3.0	05/18/11 15:55	
Bromochloromethane	ug/kg	ND	3.0	05/18/11 15:55	
Bromodichloromethane	ug/kg	ND	3.0	05/18/11 15:55	
Bromoform	ug/kg	ND	3.0	05/18/11 15:55	
Bromomethane	ug/kg	ND	3.0	05/18/11 15:55	
Carbon disulfide	ug/kg	ND	3.0	05/18/11 15:55	
Carbon tetrachloride	ug/kg	ND	3.0	05/18/11 15:55	
Chlorobenzene	ug/kg	ND	3.0	05/18/11 15:55	
Chloroethane	ug/kg	ND	3.0	05/18/11 15:55	
Chloroform	ug/kg	ND	3.0	05/18/11 15:55	
Chloromethane	ug/kg	ND	3.0	05/18/11 15:55	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	05/18/11 15:55	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	05/18/11 15:55	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 162 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

METHOD BLANK: 70584

Matrix: Solid

Associated Lab Samples: 257591002, 257591007, 257591008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	05/18/11 15:55	
Dibromomethane	ug/kg	ND	3.0	05/18/11 15:55	
Dichlorodifluoromethane	ug/kg	ND	3.0	05/18/11 15:55	
Ethylbenzene	ug/kg	ND	3.0	05/18/11 15:55	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	05/18/11 15:55	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	05/18/11 15:55	
m&p-Xylene	ug/kg	ND	6.0	05/18/11 15:55	
Methyl-tert-butyl ether	ug/kg	ND	3.0	05/18/11 15:55	
Methylene chloride	ug/kg	ND	10.0	05/18/11 15:55	
n-Butylbenzene	ug/kg	ND	3.0	05/18/11 15:55	
n-Propylbenzene	ug/kg	ND	3.0	05/18/11 15:55	
Naphthalene	ug/kg	ND	3.0	05/18/11 15:55	
o-Xylene	ug/kg	ND	3.0	05/18/11 15:55	
p-Isopropyltoluene	ug/kg	ND	3.0	05/18/11 15:55	
sec-Butylbenzene	ug/kg	ND	3.0	05/18/11 15:55	
Styrene	ug/kg	ND	3.0	05/18/11 15:55	
tert-Amylmethyl ether	ug/kg	ND	3.0	05/18/11 15:55	
tert-Butylbenzene	ug/kg	ND	3.0	05/18/11 15:55	
Tetrachloroethene	ug/kg	ND	3.0	05/18/11 15:55	
Toluene	ug/kg	ND	3.0	05/18/11 15:55	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	05/18/11 15:55	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	05/18/11 15:55	
Trichloroethene	ug/kg	ND	3.0	05/18/11 15:55	
Trichlorofluoromethane	ug/kg	ND	3.0	05/18/11 15:55	
Vinyl chloride	ug/kg	ND	3.0	05/18/11 15:55	
Xylene (Total)	ug/kg	ND	9.0	05/18/11 15:55	
1,2-Dichloroethane-d4 (S)	%	100	80-143	05/18/11 15:55	
4-Bromofluorobenzene (S)	%	102	72-122	05/18/11 15:55	
Dibromofluoromethane (S)	%	98	80-136	05/18/11 15:55	
Toluene-d8 (S)	%	100	80-120	05/18/11 15:55	

LABORATORY CONTROL SAMPLE: 70585

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	53.4	107	49-136	
1,1,1-Trichloroethane	ug/kg	50	54.2	108	56-147	
1,1,2,2-Tetrachloroethane	ug/kg	50	49.4	99	62-143	
1,1,2-Trichloroethane	ug/kg	50	51.1	102	66-127	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	56.2	112	60-140	
1,1-Dichloroethane	ug/kg	50	52.2	104	54-146	
1,1-Dichloroethene	ug/kg	50	57.2	114	58-152	
1,1-Dichloropropene	ug/kg	50	51.0	102	74-132	
1,2,3-Trichlorobenzene	ug/kg	50	47.8	96	54-146	
1,2,3-Trichloropropane	ug/kg	50	51.0	102	49-150	
1,2,4-Trichlorobenzene	ug/kg	50	47.5	95	48-153	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 163 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 70585

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	48.9	98	66-133	
1,2-Dibromo-3-chloropropane	ug/kg	50	50.0	100	41-156	
1,2-Dibromoethane (EDB)	ug/kg	50	52.1	104	71-123	
1,2-Dichlorobenzene	ug/kg	50	48.8	98	71-127	
1,2-Dichloroethane	ug/kg	50	52.2	104	70-124	
1,2-Dichloroethene (Total)	ug/kg	100	109	109	69-138	
1,2-Dichloropropane	ug/kg	50	54.4	109	71-125	
1,3,5-Trimethylbenzene	ug/kg	50	50.7	101	69-130	
1,3-Dichlorobenzene	ug/kg	50	48.9	98	73-126	
1,3-Dichloropropane	ug/kg	50	52.3	105	65-128	
1,4-Dichlorobenzene	ug/kg	50	49.1	98	73-125	
2,2-Dichloropropane	ug/kg	50	53.9	108	36-164	
2-Butanone (MEK)	ug/kg	50	51.2	102	70-171	
2-Chlorotoluene	ug/kg	50	50.0	100	66-134	
2-Hexanone	ug/kg	50	46.8	94	51-180	
4-Chlorotoluene	ug/kg	50	50.0	100	64-137	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	47.9	96	50-162	
Acetone	ug/kg	50	47.1	94	47-166	
Benzene	ug/kg	50	50.6	101	75-133	
Bromobenzene	ug/kg	50	49.4	99	71-124	
Bromochloromethane	ug/kg	50	51.0	102	54-140	
Bromodichloromethane	ug/kg	50	52.8	106	73-120	
Bromoform	ug/kg	50	48.6	97	43-138	
Bromomethane	ug/kg	50	73.3	147	54-149	
Carbon disulfide	ug/kg	50	60.5	121	44-152	
Carbon tetrachloride	ug/kg	50	57.1	114	46-154	
Chlorobenzene	ug/kg	50	51.9	104	72-124	
Chloroethane	ug/kg	50	50.0	100	58-152	
Chloroform	ug/kg	50	52.3	105	72-131	
Chloromethane	ug/kg	50	51.1	102	50-156	
cis-1,2-Dichloroethene	ug/kg	50	52.8	106	76-132	
cis-1,3-Dichloropropene	ug/kg	50	41.9	84	69-120	
Dibromochloromethane	ug/kg	50	52.1	104	66-120	
Dibromomethane	ug/kg	50	52.2	104	75-122	
Dichlorodifluoromethane	ug/kg	50	56.8	114	49-157	
Ethylbenzene	ug/kg	50	49.9	100	68-131	
Hexachloro-1,3-butadiene	ug/kg	50	50.1	100	66-128	
Isopropylbenzene (Cumene)	ug/kg	50	54.2	108	57-142	
m&p-Xylene	ug/kg	100	93.4	93	67-132	
Methyl-tert-butyl ether	ug/kg	50	53.3	107	52-143	
Methylene chloride	ug/kg	50	52.6	105	45-146	
n-Butylbenzene	ug/kg	50	51.2	102	67-139	
n-Propylbenzene	ug/kg	50	50.5	101	68-133	
Naphthalene	ug/kg	50	51.1	102	52-147	
o-Xylene	ug/kg	50	49.3	99	68-129	
p-Isopropyltoluene	ug/kg	50	50.2	100	73-129	
sec-Butylbenzene	ug/kg	50	50.6	101	72-132	
Styrene	ug/kg	50	52.4	105	62-125	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 70585

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amylmethyl ether	ug/kg	50	55.9	112	62-138	
tert-Butylbenzene	ug/kg	50	58.1	116	70-125	
Tetrachloroethene	ug/kg	50	61.0	122	62-130	
Toluene	ug/kg	50	51.7	103	73-124	
trans-1,2-Dichloroethene	ug/kg	50	55.8	112	64-144	
trans-1,3-Dichloropropene	ug/kg	50	60.1	120	50-128	
Trichloroethene	ug/kg	50	53.6	107	74-128	
Trichlorofluoromethane	ug/kg	50	52.9	106	57-163	
Vinyl chloride	ug/kg	50	52.3	105	59-155	
Xylene (Total)	ug/kg	150	143	95	68-130	
1,2-Dichloroethane-d4 (S)	%			101	80-143	
4-Bromofluorobenzene (S)	%			99	72-122	
Dibromofluoromethane (S)	%			100	80-136	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70714

70715

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		257553011 Result	Spike Conc.	Spike Conc.	Result								
1,1,1,2-Tetrachloroethane	ug/kg	ND	42.2	46.2	42.0	47.9	99	104	71-116	13	30		
1,1,1-Trichloroethane	ug/kg	ND	42.2	46.2	41.2	54.2	98	118	68-122	27	30		
1,1,2,2-Tetrachloroethane	ug/kg	ND	42.2	46.2	72.1	52.3	171	113	67-130	32	30	D6,M1	
1,1,2-Trichloroethane	ug/kg	ND	42.2	46.2	63.5	54.9	150	119	70-117	14	30	M1	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	42.2	46.2	44.3	52.8	105	115	60-140	17	30		
1,1-Dichloroethane	ug/kg	ND	42.2	46.2	41.1	52.2	97	113	71-123	24	30		
1,1-Dichloroethene	ug/kg	ND	42.2	46.2	48.9	57.6	116	125	69-130	16	30		
1,1-Dichloropropene	ug/kg	ND	42.2	46.2	43.3	51.7	102	112	71-129	18	30		
1,2,3-Trichlorobenzene	ug/kg	ND	42.2	46.2	28.1	28.3	67	61	59-128	.7	30		
1,2,3-Trichloropropane	ug/kg	ND	42.2	46.2	50.3	46.3	119	100	68-123	8	30		
1,2,4-Trichlorobenzene	ug/kg	ND	42.2	46.2	29.0	31.0	69	67	60-135	7	30		
1,2,4-Trimethylbenzene	ug/kg	3300	42.2	46.2	5760	2790	5830	-1120	62-131	70	30	D6,E, M1	
1,2-Dibromo-3-chloropropane	ug/kg	ND	42.2	46.2	143	113	338	245	52-135	23	30	M1	
1,2-Dibromoethane (EDB)	ug/kg	ND	42.2	46.2	42.7	46.4	101	101	71-123	8	30		
1,2-Dichlorobenzene	ug/kg	ND	42.2	46.2	40.8	41.7	97	90	69-116	2	30		
1,2-Dichloroethane	ug/kg	ND	42.2	46.2	41.8	50.7	99	110	71-124	19	30		
1,2-Dichloroethene (Total)	ug/kg	ND	84.5	92.2	85.1	108	101	117	64-112	24	30	M1	
1,2-Dichloropropane	ug/kg	ND	42.2	46.2	43.9	53.2	104	115	68-116	19	30		
1,3,5-Trimethylbenzene	ug/kg	1530	42.2	46.2	2090	1170	1330	-794	62-128	57	30	D6,E, M1	
1,3-Dichlorobenzene	ug/kg	ND	42.2	46.2	41.8	42.4	99	92	68-115	2	30		
1,3-Dichloropropane	ug/kg	ND	42.2	46.2	43.9	46.5	104	101	67-121	6	30		
1,4-Dichlorobenzene	ug/kg	ND	42.2	46.2	41.2	42.3	98	92	68-116	2	30		
2,2-Dichloropropane	ug/kg	ND	42.2	46.2	42.0	56.9	100	123	72-117	30	30	M1	
2-Butanone (MEK)	ug/kg	ND	84.5	92.2	79.0	91.8	94	100	58-152	15	30		
2-Chlorotoluene	ug/kg	ND	42.2	46.2	42.5	42.4	101	92	61-120	.4	30		
2-Hexanone	ug/kg	ND	84.5	92.2	64.4	83.9	76	91	55-150	26	30		

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 165 of 207

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

Parameter	Units	70714		70715		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		257553011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
4-Chlorotoluene	ug/kg	ND	42.2	46.2	48.2	47.2	114	102	64-122	2	30		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	84.5	92.2	82.1	102	97	110	63-147	21	30		
Acetone	ug/kg	34.4	84.5	92.2	138	137	123	111	52-160	1	30		
Benzene	ug/kg	60.6	42.2	46.2	90.1	92.4	70	69	68-124	2	30		
Bromobenzene	ug/kg	ND	42.2	46.2	45.8	46.3	108	100	68-120	1	30		
Bromochloromethane	ug/kg	ND	42.2	46.2	37.3	48.1	88	104	78-114	25	30		
Bromodichloromethane	ug/kg	ND	42.2	46.2	43.3	53.9	103	117	77-112	22	30	M1	
Bromoform	ug/kg	ND	42.2	46.2	34.4	38.7	82	84	72-122	12	30		
Bromomethane	ug/kg	ND	42.2	46.2	50.4	62.2	119	135	61-131	21	30	M1	
Carbon disulfide	ug/kg	ND	42.2	46.2	46.8	60.1	111	130	10-160	25	30		
Carbon tetrachloride	ug/kg	ND	42.2	46.2	39.4	53.3	93	116	74-115	30	30	M1	
Chlorobenzene	ug/kg	ND	42.2	46.2	45.0	47.3	107	103	67-130	5	30		
Chloroethane	ug/kg	ND	42.2	46.2	52.0	57.0	123	124	68-126	9	30		
Chloroform	ug/kg	ND	42.2	46.2	41.5	52.0	98	113	72-113	22	30		
Chloromethane	ug/kg	ND	42.2	46.2	40.8	52.7	97	114	33-126	26	30		
cis-1,2-Dichloroethene	ug/kg	ND	42.2	46.2	41.6	52.8	99	114	73-122	24	30		
cis-1,3-Dichloropropene	ug/kg	ND	42.2	46.2	31.5	45.3	75	98	75-125	36	30	D6	
Dibromochloromethane	ug/kg	ND	42.2	46.2	39.0	44.0	92	95	69-121	12	30		
Dibromomethane	ug/kg	ND	42.2	46.2	37.7	47.9	89	104	78-115	24	30		
Dichlorodifluoromethane	ug/kg	ND	42.2	46.2	53.0	62.9	126	136	10-127	17	30	M1	
Ethylbenzene	ug/kg	1500	42.2	46.2	1710	974	504	-1140	63-131	55	30	D6,E, M1	
Hexachloro-1,3-butadiene	ug/kg	ND	42.2	46.2	18.8	18.8	45	41	62-127	.03	30	M1	
Isopropylbenzene (Cumene)	ug/kg	215	42.2	46.2	285	179	166	-76	66-127	45	30	D6,M1	
m&p-Xylene	ug/kg	4820	84.5	92.2	6790	3410	2340	-1520	69-128	66	30	D6,E, M1	
Methyl-tert-butyl ether	ug/kg	ND	42.2	46.2	33.4	56.9	79	123	68-139	52	30	D6	
Methylene chloride	ug/kg	ND	42.2	46.2	31.9	41.2	70	84	46-150	25	30		
n-Butylbenzene	ug/kg	413	42.2	46.2	566	363	365	-107	62-126	44	30	D6,E, M1	
n-Propylbenzene	ug/kg	817	42.2	46.2	1110	614	695	-439	59-129	58	30	D6,E, M1	
Naphthalene	ug/kg	1630	42.2	46.2	1200	1090	-1020	-1170	45-147	10	30	E,M1	
o-Xylene	ug/kg	2800	42.2	46.2	3110	1870	725	-2020	63-129	50	30	D6,E, M1	
p-Isopropyltoluene	ug/kg	75.5	42.2	46.2	149	104	174	63	65-134	35	30	D6,M1	
sec-Butylbenzene	ug/kg	80.7	42.2	46.2	150	102	165	47	62-131	38	30	D6,M1	
Styrene	ug/kg	ND	42.2	46.2	141	107	333	231	68-129	28	30	M1	
tert-Amylmethyl ether	ug/kg	ND	42.2	46.2	19.7	63.7	47	138	74-125	106	30	D6,M1	
tert-Butylbenzene	ug/kg	ND	42.2	46.2	44.2	43.6	105	95	56-131	1	30		
Tetrachloroethene	ug/kg	ND	42.2	46.2	47.0	47.6	111	103	66-121	1	30		
Toluene	ug/kg	1570	42.2	46.2	1500	932	-156	-1380	61-126	47	30	D6,E, M1	
trans-1,2-Dichloroethene	ug/kg	ND	42.2	46.2	43.4	55.2	103	120	72-118	24	30	M1	
trans-1,3-Dichloropropene	ug/kg	ND	42.2	46.2	36.8	47.1	87	102	64-113	25	30		
Trichloroethene	ug/kg	ND	42.2	46.2	42.0	50.4	99	109	72-115	18	30		
Trichlorofluoromethane	ug/kg	ND	42.2	46.2	45.2	55.0	107	119	66-127	20	30		
Vinyl chloride	ug/kg	ND	42.2	46.2	48.3	55.6	115	121	49-122	14	30		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		70714		70715									
Parameter	Units	257553011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Xylene (Total)	ug/kg	7620	127	138	9900	5280	1800	-1690	68-129	61	30	D6,E, M1	
1,2-Dichloroethane-d4 (S)	%						91	106	80-143				
4-Bromofluorobenzene (S)	%						109	102	72-122				
Dibromofluoromethane (S)	%						88	104	80-136			IS	
Toluene-d8 (S)	%						113	100	80-120				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: MSV/4501

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 257591009, 257591015, 257591016, 257591017, 257591018, 257591019, 257591020, 257591021, 257591022, 257591023, 257591024, 257591025, 257591026, 257591027, 257591028, 257591029, 257591030, 257591031, 257591032, 257591033

METHOD BLANK: 71306

Matrix: Solid

Associated Lab Samples: 257591009, 257591015, 257591016, 257591017, 257591018, 257591019, 257591020, 257591021, 257591022, 257591023, 257591024, 257591025, 257591026, 257591027, 257591028, 257591029, 257591030, 257591031, 257591032, 257591033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	05/23/11 08:17	
1,1,1-Trichloroethane	ug/kg	ND	3.0	05/23/11 08:17	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	05/23/11 08:17	
1,1,2-Trichloroethane	ug/kg	ND	3.0	05/23/11 08:17	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	05/23/11 08:17	
1,1-Dichloroethane	ug/kg	ND	3.0	05/23/11 08:17	
1,1-Dichloroethene	ug/kg	ND	3.0	05/23/11 08:17	
1,1-Dichloropropene	ug/kg	ND	3.0	05/23/11 08:17	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	05/23/11 08:17	
1,2,3-Trichloropropane	ug/kg	ND	3.0	05/23/11 08:17	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	05/23/11 08:17	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	05/23/11 08:17	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/23/11 08:17	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	05/23/11 08:17	
1,2-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 08:17	
1,2-Dichloroethane	ug/kg	ND	3.0	05/23/11 08:17	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	05/23/11 08:17	
1,2-Dichloropropane	ug/kg	ND	3.0	05/23/11 08:17	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	05/23/11 08:17	
1,3-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 08:17	
1,3-Dichloropropane	ug/kg	ND	3.0	05/23/11 08:17	
1,4-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 08:17	
2,2-Dichloropropane	ug/kg	ND	3.0	05/23/11 08:17	
2-Butanone (MEK)	ug/kg	ND	10.0	05/23/11 08:17	
2-Chlorotoluene	ug/kg	ND	3.0	05/23/11 08:17	
2-Hexanone	ug/kg	ND	10.0	05/23/11 08:17	
4-Chlorotoluene	ug/kg	ND	3.0	05/23/11 08:17	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	05/23/11 08:17	
Acetone	ug/kg	ND	10.0	05/23/11 08:17	
Benzene	ug/kg	ND	3.0	05/23/11 08:17	
Bromobenzene	ug/kg	ND	3.0	05/23/11 08:17	
Bromochloromethane	ug/kg	ND	3.0	05/23/11 08:17	
Bromodichloromethane	ug/kg	ND	3.0	05/23/11 08:17	
Bromoform	ug/kg	ND	3.0	05/23/11 08:17	
Bromomethane	ug/kg	ND	3.0	05/23/11 08:17	
Carbon disulfide	ug/kg	ND	3.0	05/23/11 08:17	
Carbon tetrachloride	ug/kg	ND	3.0	05/23/11 08:17	
Chlorobenzene	ug/kg	ND	3.0	05/23/11 08:17	
Chloroethane	ug/kg	ND	3.0	05/23/11 08:17	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

METHOD BLANK: 71306

Matrix: Solid

Associated Lab Samples: 257591009, 257591015, 257591016, 257591017, 257591018, 257591019, 257591020, 257591021, 257591022, 257591023, 257591024, 257591025, 257591026, 257591027, 257591028, 257591029, 257591030, 257591031, 257591032, 257591033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/kg	ND	3.0	05/23/11 08:17	
Chloromethane	ug/kg	ND	3.0	05/23/11 08:17	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	05/23/11 08:17	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	05/23/11 08:17	
Dibromochloromethane	ug/kg	ND	3.0	05/23/11 08:17	
Dibromomethane	ug/kg	ND	3.0	05/23/11 08:17	
Dichlorodifluoromethane	ug/kg	ND	3.0	05/23/11 08:17	
Ethylbenzene	ug/kg	ND	3.0	05/23/11 08:17	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	05/23/11 08:17	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	05/23/11 08:17	
m&p-Xylene	ug/kg	ND	6.0	05/23/11 08:17	
Methyl-tert-butyl ether	ug/kg	ND	3.0	05/23/11 08:17	
Methylene chloride	ug/kg	ND	10.0	05/23/11 08:17	
n-Butylbenzene	ug/kg	ND	3.0	05/23/11 08:17	
n-Propylbenzene	ug/kg	ND	3.0	05/23/11 08:17	
Naphthalene	ug/kg	ND	3.0	05/23/11 08:17	
o-Xylene	ug/kg	ND	3.0	05/23/11 08:17	
p-Isopropyltoluene	ug/kg	ND	3.0	05/23/11 08:17	
sec-Butylbenzene	ug/kg	ND	3.0	05/23/11 08:17	
Styrene	ug/kg	ND	3.0	05/23/11 08:17	
tert-Amylmethyl ether	ug/kg	ND	3.0	05/23/11 08:17	
tert-Butylbenzene	ug/kg	ND	3.0	05/23/11 08:17	
Tetrachloroethene	ug/kg	ND	3.0	05/23/11 08:17	
Toluene	ug/kg	ND	3.0	05/23/11 08:17	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	05/23/11 08:17	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	05/23/11 08:17	
Trichloroethene	ug/kg	ND	3.0	05/23/11 08:17	
Trichlorofluoromethane	ug/kg	ND	3.0	05/23/11 08:17	
Vinyl chloride	ug/kg	ND	3.0	05/23/11 08:17	
Xylene (Total)	ug/kg	ND	9.0	05/23/11 08:17	
1,2-Dichloroethane-d4 (S)	%	99	80-143	05/23/11 08:17	
4-Bromofluorobenzene (S)	%	101	72-122	05/23/11 08:17	
Dibromofluoromethane (S)	%	101	80-136	05/23/11 08:17	
Toluene-d8 (S)	%	99	80-120	05/23/11 08:17	

LABORATORY CONTROL SAMPLE: 71307

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	49.2	98	49-136	
1,1,1-Trichloroethane	ug/kg	50	49.0	98	56-147	
1,1,2,2-Tetrachloroethane	ug/kg	50	45.1	90	62-143	
1,1,2-Trichloroethane	ug/kg	50	45.4	91	66-127	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	50.3	101	60-140	
1,1-Dichloroethane	ug/kg	50	46.9	94	54-146	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 169 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 71307

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	50	51.3	103	58-152	
1,1-Dichloropropene	ug/kg	50	44.7	89	74-132	
1,2,3-Trichlorobenzene	ug/kg	50	45.2	90	54-146	
1,2,3-Trichloropropane	ug/kg	50	45.9	92	49-150	
1,2,4-Trichlorobenzene	ug/kg	50	45.5	91	48-153	
1,2,4-Trimethylbenzene	ug/kg	50	43.4	87	66-133	
1,2-Dibromo-3-chloropropane	ug/kg	50	45.1	90	41-156	
1,2-Dibromoethane (EDB)	ug/kg	50	47.6	95	71-123	
1,2-Dichlorobenzene	ug/kg	50	46.1	92	71-127	
1,2-Dichloroethane	ug/kg	50	45.5	91	70-124	
1,2-Dichloroethene (Total)	ug/kg	100	99.9	100	69-138	
1,2-Dichloropropane	ug/kg	50	48.0	96	71-125	
1,3,5-Trimethylbenzene	ug/kg	50	46.8	94	69-130	
1,3-Dichlorobenzene	ug/kg	50	46.8	94	73-126	
1,3-Dichloropropane	ug/kg	50	46.2	92	65-128	
1,4-Dichlorobenzene	ug/kg	50	46.3	93	73-125	
2,2-Dichloropropane	ug/kg	50	50.1	100	36-164	
2-Butanone (MEK)	ug/kg	50	44.7	89	70-171	
2-Chlorotoluene	ug/kg	50	46.7	93	66-134	
2-Hexanone	ug/kg	50	44.1	88	51-180	
4-Chlorotoluene	ug/kg	50	47.0	94	64-137	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	43.3	87	50-162	
Acetone	ug/kg	50	36.5	73	47-166	
Benzene	ug/kg	50	46.0	92	75-133	
Bromobenzene	ug/kg	50	47.1	94	71-124	
Bromochloromethane	ug/kg	50	47.1	94	54-140	
Bromodichloromethane	ug/kg	50	47.6	95	73-120	
Bromoform	ug/kg	50	46.1	92	43-138	
Bromomethane	ug/kg	50	62.9	126	54-149	
Carbon disulfide	ug/kg	50	51.2	102	44-152	
Carbon tetrachloride	ug/kg	50	51.1	102	46-154	
Chlorobenzene	ug/kg	50	47.8	96	72-124	
Chloroethane	ug/kg	50	47.1	94	58-152	
Chloroform	ug/kg	50	47.5	95	72-131	
Chloromethane	ug/kg	50	44.8	90	50-156	
cis-1,2-Dichloroethene	ug/kg	50	48.4	97	76-132	
cis-1,3-Dichloropropene	ug/kg	50	37.7	75	69-120	
Dibromochloromethane	ug/kg	50	48.3	97	66-120	
Dibromomethane	ug/kg	50	45.5	91	75-122	
Dichlorodifluoromethane	ug/kg	50	49.6	99	49-157	
Ethylbenzene	ug/kg	50	45.2	90	68-131	
Hexachloro-1,3-butadiene	ug/kg	50	47.1	94	66-128	
Isopropylbenzene (Cumene)	ug/kg	50	48.9	98	57-142	
m&p-Xylene	ug/kg	100	85.0	85	67-132	
Methyl-tert-butyl ether	ug/kg	50	48.7	97	52-143	
Methylene chloride	ug/kg	50	51.5	103	45-146	
n-Butylbenzene	ug/kg	50	46.4	93	67-139	
n-Propylbenzene	ug/kg	50	46.5	93	68-133	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 170 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 71307

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	50	44.3	89	52-147	
o-Xylene	ug/kg	50	44.6	89	68-129	
p-Isopropyltoluene	ug/kg	50	46.4	93	73-129	
sec-Butylbenzene	ug/kg	50	46.8	94	72-132	
Styrene	ug/kg	50	47.7	95	62-125	
tert-Amylmethyl ether	ug/kg	50	47.0	94	62-138	
tert-Butylbenzene	ug/kg	50	54.8	110	70-125	
Tetrachloroethene	ug/kg	50	54.7	109	62-130	
Toluene	ug/kg	50	48.2	96	73-124	
trans-1,2-Dichloroethene	ug/kg	50	51.5	103	64-144	
trans-1,3-Dichloropropene	ug/kg	50	55.7	111	50-128	
Trichloroethene	ug/kg	50	47.4	95	74-128	
Trichlorofluoromethane	ug/kg	50	46.7	93	57-163	
Vinyl chloride	ug/kg	50	44.6	89	59-155	
Xylene (Total)	ug/kg	150	130	86	68-130	
1,2-Dichloroethane-d4 (S)	%			95	80-143	
4-Bromofluorobenzene (S)	%			101	72-122	
Dibromofluoromethane (S)	%			99	80-136	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71507

71508

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		257591015 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/kg	ND	100	97.3	85.4	80.6	85	83	71-116	6	30	
1,1,1-Trichloroethane	ug/kg	ND	100	97.3	101	90.9	100	93	68-122	10	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	100	97.3	79.2	86.0	79	88	67-130	8	30	
1,1,2-Trichloroethane	ug/kg	ND	100	97.3	83.9	85.9	84	88	70-117	2	30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	100	97.3	95.3	87.7	95	90	60-140	8	30	
1,1-Dichloroethane	ug/kg	ND	100	97.3	99.0	92.3	99	95	71-123	7	30	
1,1-Dichloroethene	ug/kg	ND	100	97.3	105	96.7	105	99	69-130	8	30	
1,1-Dichloropropene	ug/kg	ND	100	97.3	84.1	78.5	84	81	71-129	7	30	
1,2,3-Trichlorobenzene	ug/kg	ND	100	97.3	41.0	39.2	41	40	59-128	4	30	M1
1,2,3-Trichloropropane	ug/kg	ND	100	97.3	83.5	90.3	83	93	68-123	8	30	
1,2,4-Trichlorobenzene	ug/kg	ND	100	97.3	42.5	39.6	42	41	60-135	7	30	M1
1,2,4-Trimethylbenzene	ug/kg	ND	100	97.3	60.6	54.6	58	54	62-131	11	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	100	97.3	76.8	84.9	77	87	52-135	10	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	100	97.3	84.5	88.1	84	90	71-123	4	30	
1,2-Dichlorobenzene	ug/kg	ND	100	97.3	59.2	55.8	59	57	69-116	6	30	M1
1,2-Dichloroethane	ug/kg	ND	100	97.3	91.6	93.4	91	96	71-124	2	30	
1,2-Dichloroethene (Total)	ug/kg	ND	201	194	207	195	102	99	64-112	6	30	
1,2-Dichloropropane	ug/kg	ND	100	97.3	96.2	92.7	96	95	68-116	4	30	
1,3,5-Trimethylbenzene	ug/kg	ND	100	97.3	65.1	58.0	64	59	62-128	12	30	M1
1,3-Dichlorobenzene	ug/kg	ND	100	97.3	59.4	54.8	59	56	68-115	8	30	M1
1,3-Dichloropropane	ug/kg	ND	100	97.3	84.6	86.2	84	89	67-121	2	30	
1,4-Dichlorobenzene	ug/kg	ND	100	97.3	59.7	55.5	60	57	68-116	7	30	M1
2,2-Dichloropropane	ug/kg	ND	100	97.3	109	96.6	109	99	72-117	12	30	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 171 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			71507		71508						
Parameter	Units	257591015 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
2-Butanone (MEK)	ug/kg	34.4	100	97.3	109	126	75	94	58-152	14	30
2-Chlorotoluene	ug/kg	ND	100	97.3	65.8	59.3	66	61	61-120	10	30
2-Hexanone	ug/kg	ND	100	97.3	85.9	93.9	86	96	55-150	9	30
4-Chlorotoluene	ug/kg	ND	100	97.3	65.2	58.7	65	60	64-122	11	30 M1
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	100	97.3	91.1	99.7	91	102	63-147	9	30
Acetone	ug/kg	129	100	97.3	145	181	16	53	52-160	22	30 M1
Benzene	ug/kg	ND	100	97.3	92.7	86.4	92	88	68-124	7	30
Bromobenzene	ug/kg	ND	100	97.3	70.4	66.7	70	68	68-120	5	30
Bromochloromethane	ug/kg	ND	100	97.3	94.0	93.8	94	96	78-114	.2	30
Bromodichloromethane	ug/kg	ND	100	97.3	92.3	90.7	92	93	77-112	2	30
Bromoform	ug/kg	ND	100	97.3	77.3	80.0	77	82	72-122	3	30
Bromomethane	ug/kg	ND	100	97.3	126	117	126	120	61-131	8	30
Carbon disulfide	ug/kg	ND	100	97.3	97.4	89.1	96	90	10-160	9	30
Carbon tetrachloride	ug/kg	ND	100	97.3	99.2	89.3	99	92	74-115	11	30
Chlorobenzene	ug/kg	ND	100	97.3	76.1	70.8	76	73	67-130	7	30
Chloroethane	ug/kg	ND	100	97.3	98.6	91.6	98	94	68-126	7	30
Chloroform	ug/kg	ND	100	97.3	96.9	91.8	97	94	72-113	5	30
Chloromethane	ug/kg	ND	100	97.3	93.1	86.8	93	89	33-126	7	30
cis-1,2-Dichloroethene	ug/kg	ND	100	97.3	104	98.2	101	98	73-122	5	30
cis-1,3-Dichloropropene	ug/kg	ND	100	97.3	71.7	70.9	72	73	75-125	1	30 M1
Dibromochloromethane	ug/kg	ND	100	97.3	85.0	84.4	85	87	69-121	.7	30
Dibromomethane	ug/kg	ND	100	97.3	89.9	93.6	90	96	78-115	4	30
Dichlorodifluoromethane	ug/kg	ND	100	97.3	108	93.9	108	96	10-127	14	30
Ethylbenzene	ug/kg	ND	100	97.3	72.0	65.3	71	66	63-131	10	30
Hexachloro-1,3-butadiene	ug/kg	ND	100	97.3	37.8	33.8	38	35	62-127	11	30 M1
Isopropylbenzene (Cumene)	ug/kg	ND	100	97.3	72.3	63.9	72	66	66-127	12	30
m&p-Xylene	ug/kg	ND	201	194	132	120	64	59	69-128	10	30 M1
Methyl-tert-butyl ether	ug/kg	ND	100	97.3	110	112	109	115	68-139	2	30
Methylene chloride	ug/kg	ND	100	97.3	89.4	73.8	86	73	46-150	19	30
n-Butylbenzene	ug/kg	ND	100	97.3	51.8	45.6	52	47	62-126	13	30 M1
n-Propylbenzene	ug/kg	ND	100	97.3	64.8	58.1	64	59	59-129	11	30
Naphthalene	ug/kg	ND	100	97.3	51.5	52.4	48	50	45-147	2	30
o-Xylene	ug/kg	ND	100	97.3	70.8	64.7	70	65	63-129	9	30
p-Isopropyltoluene	ug/kg	ND	100	97.3	58.7	53.6	55	51	65-134	9	30 M1
sec-Butylbenzene	ug/kg	ND	100	97.3	58.4	51.1	58	52	62-131	13	30 M1
Styrene	ug/kg	ND	100	97.3	72.9	67.6	73	69	68-129	8	30
tert-Amylmethyl ether	ug/kg	ND	100	97.3	109	112	109	115	74-125	3	30
tert-Butylbenzene	ug/kg	ND	100	97.3	76.5	68.7	76	71	56-131	11	30
Tetrachloroethene	ug/kg	ND	100	97.3	83.8	74.5	84	76	66-121	12	30
Toluene	ug/kg	ND	100	97.3	83.4	76.6	83	79	61-126	9	30
trans-1,2-Dichloroethene	ug/kg	ND	100	97.3	104	97.0	103	100	72-118	7	30
trans-1,3-Dichloropropene	ug/kg	ND	100	97.3	97.7	98.5	97	101	64-113	.8	30
Trichloroethene	ug/kg	ND	100	97.3	91.2	85.0	91	87	72-115	7	30
Trichlorofluoromethane	ug/kg	ND	100	97.3	93.9	85.6	94	88	66-127	9	30
Vinyl chloride	ug/kg	ND	100	97.3	92.7	85.7	92	88	49-122	8	30
Xylene (Total)	ug/kg	ND	301	293	203	184	66	61	68-129	10	30 M1
1,2-Dichloroethane-d4 (S)	%						108	115	80-143		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71507		71508		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		257591015 Result	MS Spike Conc.	MSD Spike Conc.									
4-Bromofluorobenzene (S)	%							101	103	72-122			
Dibromofluoromethane (S)	%							105	109	80-136			
Toluene-d8 (S)	%							96	97	80-120			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: MSV/4503

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 257591034, 257591035, 257591036, 257591037, 257591038, 257591039, 257591040, 257591041, 257591042, 257591044

METHOD BLANK: 71314

Matrix: Solid

Associated Lab Samples: 257591034, 257591035, 257591036, 257591037, 257591038, 257591039, 257591040, 257591041, 257591042, 257591044

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	05/23/11 09:25	
1,1,1-Trichloroethane	ug/kg	ND	3.0	05/23/11 09:25	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	05/23/11 09:25	
1,1,2-Trichloroethane	ug/kg	ND	3.0	05/23/11 09:25	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	05/23/11 09:25	
1,1-Dichloroethane	ug/kg	ND	3.0	05/23/11 09:25	
1,1-Dichloroethene	ug/kg	ND	3.0	05/23/11 09:25	
1,1-Dichloropropene	ug/kg	ND	3.0	05/23/11 09:25	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	05/23/11 09:25	
1,2,3-Trichloropropane	ug/kg	ND	3.0	05/23/11 09:25	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	05/23/11 09:25	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	05/23/11 09:25	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/23/11 09:25	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	05/23/11 09:25	
1,2-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 09:25	
1,2-Dichloroethane	ug/kg	ND	3.0	05/23/11 09:25	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	05/23/11 09:25	
1,2-Dichloropropane	ug/kg	ND	3.0	05/23/11 09:25	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	05/23/11 09:25	
1,3-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 09:25	
1,3-Dichloropropane	ug/kg	ND	3.0	05/23/11 09:25	
1,4-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 09:25	
2,2-Dichloropropane	ug/kg	ND	3.0	05/23/11 09:25	
2-Butanone (MEK)	ug/kg	ND	10.0	05/23/11 09:25	
2-Chlorotoluene	ug/kg	ND	3.0	05/23/11 09:25	
2-Hexanone	ug/kg	ND	10.0	05/23/11 09:25	
4-Chlorotoluene	ug/kg	ND	3.0	05/23/11 09:25	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	05/23/11 09:25	
Acetone	ug/kg	ND	10.0	05/23/11 09:25	
Benzene	ug/kg	ND	3.0	05/23/11 09:25	
Bromobenzene	ug/kg	ND	3.0	05/23/11 09:25	
Bromochloromethane	ug/kg	ND	3.0	05/23/11 09:25	
Bromodichloromethane	ug/kg	ND	3.0	05/23/11 09:25	
Bromoform	ug/kg	ND	3.0	05/23/11 09:25	
Bromomethane	ug/kg	ND	3.0	05/23/11 09:25	
Carbon disulfide	ug/kg	ND	3.0	05/23/11 09:25	
Carbon tetrachloride	ug/kg	ND	3.0	05/23/11 09:25	
Chlorobenzene	ug/kg	ND	3.0	05/23/11 09:25	
Chloroethane	ug/kg	ND	3.0	05/23/11 09:25	
Chloroform	ug/kg	ND	3.0	05/23/11 09:25	
Chloromethane	ug/kg	ND	3.0	05/23/11 09:25	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 174 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

METHOD BLANK: 71314

Matrix: Solid

Associated Lab Samples: 257591034, 257591035, 257591036, 257591037, 257591038, 257591039, 257591040, 257591041, 257591042, 257591044

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	05/23/11 09:25	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	05/23/11 09:25	
Dibromochloromethane	ug/kg	ND	3.0	05/23/11 09:25	
Dibromomethane	ug/kg	ND	3.0	05/23/11 09:25	
Dichlorodifluoromethane	ug/kg	ND	3.0	05/23/11 09:25	
Ethylbenzene	ug/kg	ND	3.0	05/23/11 09:25	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	05/23/11 09:25	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	05/23/11 09:25	
m&p-Xylene	ug/kg	ND	6.0	05/23/11 09:25	
Methyl-tert-butyl ether	ug/kg	ND	3.0	05/23/11 09:25	
Methylene chloride	ug/kg	ND	10.0	05/23/11 09:25	
n-Butylbenzene	ug/kg	ND	3.0	05/23/11 09:25	
n-Propylbenzene	ug/kg	ND	3.0	05/23/11 09:25	
Naphthalene	ug/kg	ND	3.0	05/23/11 09:25	
o-Xylene	ug/kg	ND	3.0	05/23/11 09:25	
p-Isopropyltoluene	ug/kg	ND	3.0	05/23/11 09:25	
sec-Butylbenzene	ug/kg	ND	3.0	05/23/11 09:25	
Styrene	ug/kg	ND	3.0	05/23/11 09:25	
tert-Amylmethyl ether	ug/kg	ND	3.0	05/23/11 09:25	
tert-Butylbenzene	ug/kg	ND	3.0	05/23/11 09:25	
Tetrachloroethene	ug/kg	ND	3.0	05/23/11 09:25	
Toluene	ug/kg	ND	3.0	05/23/11 09:25	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	05/23/11 09:25	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	05/23/11 09:25	
Trichloroethene	ug/kg	ND	3.0	05/23/11 09:25	
Trichlorofluoromethane	ug/kg	ND	3.0	05/23/11 09:25	
Vinyl chloride	ug/kg	ND	3.0	05/23/11 09:25	
Xylene (Total)	ug/kg	ND	9.0	05/23/11 09:25	
1,2-Dichloroethane-d4 (S)	%	98	80-143	05/23/11 09:25	
4-Bromofluorobenzene (S)	%	100	72-122	05/23/11 09:25	
Dibromofluoromethane (S)	%	99	80-136	05/23/11 09:25	
Toluene-d8 (S)	%	99	80-120	05/23/11 09:25	

LABORATORY CONTROL SAMPLE: 71315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	51.2	102	49-136	
1,1,1-Trichloroethane	ug/kg	50	49.6	99	56-147	
1,1,2,2-Tetrachloroethane	ug/kg	50	47.5	95	62-143	
1,1,2-Trichloroethane	ug/kg	50	47.5	95	66-127	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	51.5	103	60-140	
1,1-Dichloroethane	ug/kg	50	48.4	97	54-146	
1,1-Dichloroethene	ug/kg	50	52.6	105	58-152	
1,1-Dichloropropene	ug/kg	50	45.3	91	74-132	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 71315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	46.6	93	54-146	
1,2,3-Trichloropropane	ug/kg	50	48.7	97	49-150	
1,2,4-Trichlorobenzene	ug/kg	50	46.3	93	48-153	
1,2,4-Trimethylbenzene	ug/kg	50	44.7	89	66-133	
1,2-Dibromo-3-chloropropane	ug/kg	50	47.7	95	41-156	
1,2-Dibromoethane (EDB)	ug/kg	50	49.5	99	71-123	
1,2-Dichlorobenzene	ug/kg	50	47.8	96	71-127	
1,2-Dichloroethane	ug/kg	50	47.8	96	70-124	
1,2-Dichloroethene (Total)	ug/kg	100	101	101	69-138	
1,2-Dichloropropane	ug/kg	50	49.7	99	71-125	
1,3,5-Trimethylbenzene	ug/kg	50	47.9	96	69-130	
1,3-Dichlorobenzene	ug/kg	50	47.5	95	73-126	
1,3-Dichloropropane	ug/kg	50	47.9	96	65-128	
1,4-Dichlorobenzene	ug/kg	50	47.7	95	73-125	
2,2-Dichloropropane	ug/kg	50	50.0	100	36-164	
2-Butanone (MEK)	ug/kg	50	47.5	95	70-171	
2-Chlorotoluene	ug/kg	50	47.7	95	66-134	
2-Hexanone	ug/kg	50	46.0	92	51-180	
4-Chlorotoluene	ug/kg	50	48.4	97	64-137	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	45.5	91	50-162	
Acetone	ug/kg	50	38.9	78	47-166	
Benzene	ug/kg	50	47.1	94	75-133	
Bromobenzene	ug/kg	50	48.9	98	71-124	
Bromochloromethane	ug/kg	50	48.4	97	54-140	
Bromodichloromethane	ug/kg	50	49.1	98	73-120	
Bromoform	ug/kg	50	47.5	95	43-138	
Bromomethane	ug/kg	50	61.6	123	54-149	
Carbon disulfide	ug/kg	50	52.1	104	44-152	
Carbon tetrachloride	ug/kg	50	51.9	104	46-154	
Chlorobenzene	ug/kg	50	49.0	98	72-124	
Chloroethane	ug/kg	50	47.6	95	58-152	
Chloroform	ug/kg	50	48.5	97	72-131	
Chloromethane	ug/kg	50	44.7	89	50-156	
cis-1,2-Dichloroethene	ug/kg	50	49.5	99	76-132	
cis-1,3-Dichloropropene	ug/kg	50	38.8	78	69-120	
Dibromochloromethane	ug/kg	50	50.1	100	66-120	
Dibromomethane	ug/kg	50	48.2	96	75-122	
Dichlorodifluoromethane	ug/kg	50	51.1	102	49-157	
Ethylbenzene	ug/kg	50	45.7	91	68-131	
Hexachloro-1,3-butadiene	ug/kg	50	47.0	94	66-128	
Isopropylbenzene (Cumene)	ug/kg	50	49.7	99	57-142	
m&p-Xylene	ug/kg	100	86.2	86	67-132	
Methyl-tert-butyl ether	ug/kg	50	50.6	101	52-143	
Methylene chloride	ug/kg	50	52.5	105	45-146	
n-Butylbenzene	ug/kg	50	46.9	94	67-139	
n-Propylbenzene	ug/kg	50	47.8	96	68-133	
Naphthalene	ug/kg	50	45.1	90	52-147	
o-Xylene	ug/kg	50	45.8	92	68-129	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 71315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	50	47.1	94	73-129	
sec-Butylbenzene	ug/kg	50	47.7	95	72-132	
Styrene	ug/kg	50	49.0	98	62-125	
tert-Amylmethyl ether	ug/kg	50	49.1	98	62-138	
tert-Butylbenzene	ug/kg	50	56.5	113	70-125	
Tetrachloroethene	ug/kg	50	54.2	108	62-130	
Toluene	ug/kg	50	48.7	97	73-124	
trans-1,2-Dichloroethene	ug/kg	50	51.8	104	64-144	
trans-1,3-Dichloropropene	ug/kg	50	57.4	115	50-128	
Trichloroethene	ug/kg	50	49.0	98	74-128	
Trichlorofluoromethane	ug/kg	50	48.0	96	57-163	
Vinyl chloride	ug/kg	50	44.7	89	59-155	
Xylene (Total)	ug/kg	150	132	88	68-130	
1,2-Dichloroethane-d4 (S)	%			95	80-143	
4-Bromofluorobenzene (S)	%			101	72-122	
Dibromofluoromethane (S)	%			100	80-136	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71505 71506

Parameter	Units	71505		71506		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		257591044 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/kg	ND	55.1	57.8	48.4	54.1	88	94	71-116	11	30	
1,1,1-Trichloroethane	ug/kg	ND	55.1	57.8	42.0	47.9	76	83	68-122	13	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	55.1	57.8	48.9	55.5	89	96	67-130	13	30	
1,1,2-Trichloroethane	ug/kg	ND	55.1	57.8	49.4	55.6	90	96	70-117	12	30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	55.1	57.8	40.5	45.8	74	79	60-140	12	30	
1,1-Dichloroethane	ug/kg	ND	55.1	57.8	47.4	52.3	86	90	71-123	10	30	
1,1-Dichloroethene	ug/kg	ND	55.1	57.8	45.6	50.2	83	87	69-130	10	30	
1,1-Dichloropropene	ug/kg	ND	55.1	57.8	36.7	41.8	67	72	71-129	13	30	M1
1,2,3-Trichlorobenzene	ug/kg	ND	55.1	57.8	32.2	37.1	59	64	59-128	14	30	
1,2,3-Trichloropropane	ug/kg	ND	55.1	57.8	51.4	57.2	93	99	68-123	11	30	
1,2,4-Trichlorobenzene	ug/kg	ND	55.1	57.8	30.1	33.8	55	58	60-135	12	30	M1
1,2,4-Trimethylbenzene	ug/kg	ND	55.1	57.8	33.6	38.3	60	65	62-131	13	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	55.1	57.8	48.2	53.6	88	93	52-135	11	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	55.1	57.8	50.4	56.5	92	98	71-123	12	30	
1,2-Dichlorobenzene	ug/kg	ND	55.1	57.8	40.2	45.2	73	78	69-116	12	30	
1,2-Dichloroethane	ug/kg	ND	55.1	57.8	52.3	57.6	95	100	71-124	10	30	
1,2-Dichloroethene (Total)	ug/kg	ND	110	115	96.3	106	87	92	64-112	9	30	
1,2-Dichloropropane	ug/kg	ND	55.1	57.8	51.5	57.2	94	99	68-116	11	30	
1,3,5-Trimethylbenzene	ug/kg	ND	55.1	57.8	36.3	41.1	66	71	62-128	12	30	
1,3-Dichlorobenzene	ug/kg	ND	55.1	57.8	37.6	41.8	68	72	68-115	11	30	
1,3-Dichloropropane	ug/kg	ND	55.1	57.8	49.6	55.7	90	96	67-121	11	30	
1,4-Dichlorobenzene	ug/kg	ND	55.1	57.8	38.0	42.4	69	73	68-116	11	30	
2,2-Dichloropropane	ug/kg	ND	55.1	57.8	30.9	33.3	56	58	72-117	8	30	M1
2-Butanone (MEK)	ug/kg	ND	55.1	57.8	52.6	58.8	88	95	58-152	11	30	
2-Chlorotoluene	ug/kg	ND	55.1	57.8	38.4	43.5	70	75	61-120	13	30	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 177 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71505		71506		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		257591044 Result	MS Spike Conc.	MSD Spike Conc.									
2-Hexanone	ug/kg	ND	55.1	57.8	46.4	52.3	84	90	55-150	12	30		
4-Chlorotoluene	ug/kg	ND	55.1	57.8	37.5	42.4	68	73	64-122	12	30		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	55.1	57.8	51.4	57.4	93	99	63-147	11	30		
Acetone	ug/kg	32.8	55.1	57.8	59.9	66.4	49	58	52-160	10	30	M1	
Benzene	ug/kg	ND	55.1	57.8	45.8	50.5	83	87	68-124	10	30		
Bromobenzene	ug/kg	ND	55.1	57.8	42.9	47.9	78	83	68-120	11	30		
Bromochloromethane	ug/kg	ND	55.1	57.8	52.4	57.3	95	99	78-114	9	30		
Bromodichloromethane	ug/kg	ND	55.1	57.8	52.0	57.4	95	99	77-112	10	30		
Bromoform	ug/kg	ND	55.1	57.8	48.6	54.8	88	95	72-122	12	30		
Bromomethane	ug/kg	ND	55.1	57.8	56.8	61.1	103	106	61-131	7	30		
Carbon disulfide	ug/kg	ND	55.1	57.8	50.3	57.9	91	99	10-160	14	30		
Carbon tetrachloride	ug/kg	ND	55.1	57.8	43.4	49.1	79	85	74-115	12	30		
Chlorobenzene	ug/kg	ND	55.1	57.8	43.0	48.3	78	84	67-130	12	30		
Chloroethane	ug/kg	ND	55.1	57.8	42.2	45.0	77	78	68-126	7	30		
Chloroform	ug/kg	ND	55.1	57.8	50.2	55.7	91	96	72-113	10	30		
Chloromethane	ug/kg	ND	55.1	57.8	42.5	46.5	77	80	33-126	9	30		
cis-1,2-Dichloroethene	ug/kg	ND	55.1	57.8	50.0	54.5	91	94	73-122	9	30		
cis-1,3-Dichloropropene	ug/kg	ND	55.1	57.8	37.2	40.9	68	71	75-125	9	30	M1	
Dibromochloromethane	ug/kg	ND	55.1	57.8	49.8	56.4	91	98	69-121	12	30		
Dibromomethane	ug/kg	ND	55.1	57.8	52.9	59.1	96	102	78-115	11	30		
Dichlorodifluoromethane	ug/kg	ND	55.1	57.8	42.3	41.4	77	72	10-127	2	30		
Ethylbenzene	ug/kg	ND	55.1	57.8	37.3	41.7	67	71	63-131	11	30		
Hexachloro-1,3-butadiene	ug/kg	ND	55.1	57.8	27.2	30.8	49	53	62-127	12	30	M1	
Isopropylbenzene (Cumene)	ug/kg	ND	55.1	57.8	38.9	44.0	71	76	66-127	12	30		
m&p-Xylene	ug/kg	ND	110	115	68.2	76.7	61	65	69-128	12	30	M1	
Methyl-tert-butyl ether	ug/kg	ND	55.1	57.8	58.0	64.7	105	112	68-139	11	30		
Methylene chloride	ug/kg	ND	55.1	57.8	44.3	49.3	75	80	46-150	11	30		
n-Butylbenzene	ug/kg	ND	55.1	57.8	30.1	34.2	55	59	62-126	13	30	M1	
n-Propylbenzene	ug/kg	ND	55.1	57.8	34.4	39.2	63	68	59-129	13	30		
Naphthalene	ug/kg	ND	55.1	57.8	36.6	42.6	66	73	45-147	15	30		
o-Xylene	ug/kg	ND	55.1	57.8	39.0	43.7	70	75	63-129	11	30		
p-Isopropyltoluene	ug/kg	ND	55.1	57.8	33.9	39.4	62	68	65-134	15	30	M1	
sec-Butylbenzene	ug/kg	ND	55.1	57.8	33.5	38.5	61	67	62-131	14	30	M1	
Styrene	ug/kg	ND	55.1	57.8	38.0	42.0	69	73	68-129	10	30		
tert-Amylmethyl ether	ug/kg	ND	55.1	57.8	59.5	67.2	108	116	74-125	12	30		
tert-Butylbenzene	ug/kg	ND	55.1	57.8	42.9	49.4	78	85	56-131	14	30		
Tetrachloroethene	ug/kg	ND	55.1	57.8	44.2	49.4	80	85	66-121	11	30		
Toluene	ug/kg	ND	55.1	57.8	40.3	45.1	73	78	61-126	11	30		
trans-1,2-Dichloroethene	ug/kg	ND	55.1	57.8	46.3	51.3	84	89	72-118	10	30		
trans-1,3-Dichloropropene	ug/kg	ND	55.1	57.8	50.4	56.5	92	98	64-113	11	30		
Trichloroethene	ug/kg	ND	55.1	57.8	43.1	48.4	78	84	72-115	12	30		
Trichlorofluoromethane	ug/kg	ND	55.1	57.8	38.8	43.3	70	75	66-127	11	30		
Vinyl chloride	ug/kg	ND	55.1	57.8	39.5	43.7	72	76	49-122	10	30		
Xylene (Total)	ug/kg	ND	166	174	107	120	64	68	68-129	12	30	M1	
1,2-Dichloroethane-d4 (S)	%						105	106	80-143				
4-Bromofluorobenzene (S)	%						99	101	72-122				
Dibromofluoromethane (S)	%						105	105	80-136				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		71505		71506									
Parameter	Units	257591044 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Toluene-d8 (S)	%						96	97	80-120				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: MSV/4504

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 257591043, 257591045, 257591046, 257591048, 257591050, 257591051, 257591052, 257591054, 257591055, 257591056, 257591058, 257591059, 257591060

METHOD BLANK: 71331

Matrix: Solid

Associated Lab Samples: 257591043, 257591045, 257591046, 257591048, 257591050, 257591051, 257591052, 257591054, 257591055, 257591056, 257591058, 257591059, 257591060

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1,1-Trichloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1,2-Trichloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1-Dichloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1-Dichloroethene	ug/kg	ND	3.0	05/23/11 09:37	
1,1-Dichloropropene	ug/kg	ND	3.0	05/23/11 09:37	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,2,3-Trichloropropane	ug/kg	ND	3.0	05/23/11 09:37	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/23/11 09:37	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	05/23/11 09:37	
1,2-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,2-Dichloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	05/23/11 09:37	
1,2-Dichloropropane	ug/kg	ND	3.0	05/23/11 09:37	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,3-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,3-Dichloropropane	ug/kg	ND	3.0	05/23/11 09:37	
1,4-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
2,2-Dichloropropane	ug/kg	ND	3.0	05/23/11 09:37	
2-Butanone (MEK)	ug/kg	ND	10.0	05/23/11 09:37	
2-Chlorotoluene	ug/kg	ND	3.0	05/23/11 09:37	
2-Hexanone	ug/kg	ND	10.0	05/23/11 09:37	
4-Chlorotoluene	ug/kg	ND	3.0	05/23/11 09:37	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	05/23/11 09:37	
Acetone	ug/kg	ND	10.0	05/23/11 09:37	
Benzene	ug/kg	ND	3.0	05/23/11 09:37	
Bromobenzene	ug/kg	ND	3.0	05/23/11 09:37	
Bromochloromethane	ug/kg	ND	3.0	05/23/11 09:37	
Bromodichloromethane	ug/kg	ND	3.0	05/23/11 09:37	
Bromoform	ug/kg	ND	3.0	05/23/11 09:37	
Bromomethane	ug/kg	ND	3.0	05/23/11 09:37	
Carbon disulfide	ug/kg	ND	3.0	05/23/11 09:37	
Carbon tetrachloride	ug/kg	ND	3.0	05/23/11 09:37	
Chlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
Chloroethane	ug/kg	ND	3.0	05/23/11 09:37	
Chloroform	ug/kg	ND	3.0	05/23/11 09:37	
Chloromethane	ug/kg	ND	3.0	05/23/11 09:37	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

METHOD BLANK: 71331

Matrix: Solid

Associated Lab Samples: 257591043, 257591045, 257591046, 257591048, 257591050, 257591051, 257591052, 257591054, 257591055, 257591056, 257591058, 257591059, 257591060

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	05/23/11 09:37	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	05/23/11 09:37	
Dibromochloromethane	ug/kg	ND	3.0	05/23/11 09:37	
Dibromomethane	ug/kg	ND	3.0	05/23/11 09:37	
Dichlorodifluoromethane	ug/kg	ND	3.0	05/23/11 09:37	
Ethylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	05/23/11 09:37	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	05/23/11 09:37	
m&p-Xylene	ug/kg	ND	6.0	05/23/11 09:37	
Methyl-tert-butyl ether	ug/kg	ND	3.0	05/23/11 09:37	
Methylene chloride	ug/kg	ND	10.0	05/23/11 09:37	
n-Butylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
n-Propylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
Naphthalene	ug/kg	ND	3.0	05/23/11 09:37	
o-Xylene	ug/kg	ND	3.0	05/23/11 09:37	
p-Isopropyltoluene	ug/kg	ND	3.0	05/23/11 09:37	
sec-Butylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
Styrene	ug/kg	ND	3.0	05/23/11 09:37	
tert-Amylmethyl ether	ug/kg	ND	3.0	05/23/11 09:37	
tert-Butylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
Tetrachloroethene	ug/kg	ND	3.0	05/23/11 09:37	
Toluene	ug/kg	ND	3.0	05/23/11 09:37	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	05/23/11 09:37	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	05/23/11 09:37	
Trichloroethene	ug/kg	ND	3.0	05/23/11 09:37	
Trichlorofluoromethane	ug/kg	ND	3.0	05/23/11 09:37	
Vinyl chloride	ug/kg	ND	3.0	05/23/11 09:37	
Xylene (Total)	ug/kg	ND	9.0	05/23/11 09:37	
1,2-Dichloroethane-d4 (S)	%	105	80-143	05/23/11 09:37	
4-Bromofluorobenzene (S)	%	102	72-122	05/23/11 09:37	
Dibromofluoromethane (S)	%	104	80-136	05/23/11 09:37	
Toluene-d8 (S)	%	99	80-120	05/23/11 09:37	

LABORATORY CONTROL SAMPLE: 71332

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.7	105	49-136	
1,1,1-Trichloroethane	ug/kg	50	54.0	108	56-147	
1,1,2,2-Tetrachloroethane	ug/kg	50	43.5	87	62-143	
1,1,2-Trichloroethane	ug/kg	50	44.8	90	66-127	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	53.9	108	60-140	
1,1-Dichloroethane	ug/kg	50	46.5	93	54-146	
1,1-Dichloroethene	ug/kg	50	52.0	104	58-152	
1,1-Dichloropropene	ug/kg	50	45.1	90	74-132	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 71332

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	49.4	99	54-146	
1,2,3-Trichloropropane	ug/kg	50	47.6	95	49-150	
1,2,4-Trichlorobenzene	ug/kg	50	49.2	98	48-153	
1,2,4-Trimethylbenzene	ug/kg	50	47.5	95	66-133	
1,2-Dibromo-3-chloropropane	ug/kg	50	49.7	99	41-156	
1,2-Dibromoethane (EDB)	ug/kg	50	48.6	97	71-123	
1,2-Dichlorobenzene	ug/kg	50	47.4	95	71-127	
1,2-Dichloroethane	ug/kg	50	50.7	101	70-124	
1,2-Dichloroethene (Total)	ug/kg	100	99.4	99	69-138	
1,2-Dichloropropane	ug/kg	50	43.9	88	71-125	
1,3,5-Trimethylbenzene	ug/kg	50	49.5	99	69-130	
1,3-Dichlorobenzene	ug/kg	50	47.1	94	73-126	
1,3-Dichloropropane	ug/kg	50	46.7	93	65-128	
1,4-Dichlorobenzene	ug/kg	50	47.8	96	73-125	
2,2-Dichloropropane	ug/kg	50	46.9	94	36-164	
2-Butanone (MEK)	ug/kg	50	48.9	98	70-171	
2-Chlorotoluene	ug/kg	50	48.8	98	66-134	
2-Hexanone	ug/kg	50	46.5	93	51-180	
4-Chlorotoluene	ug/kg	50	50.3	101	64-137	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	44.8	90	50-162	
Acetone	ug/kg	50	47.7	95	47-166	
Benzene	ug/kg	50	45.8	92	75-133	
Bromobenzene	ug/kg	50	47.9	96	71-124	
Bromochloromethane	ug/kg	50	47.6	95	54-140	
Bromodichloromethane	ug/kg	50	49.6	99	73-120	
Bromoform	ug/kg	50	52.6	105	43-138	
Bromomethane	ug/kg	50	52.0	104	54-149	
Carbon disulfide	ug/kg	50	43.8	88	44-152	
Carbon tetrachloride	ug/kg	50	57.8	116	46-154	
Chlorobenzene	ug/kg	50	47.2	94	72-124	
Chloroethane	ug/kg	50	54.9	110	58-152	
Chloroform	ug/kg	50	50.1	100	72-131	
Chloromethane	ug/kg	50	45.8	92	50-156	
cis-1,2-Dichloroethene	ug/kg	50	48.7	97	76-132	
cis-1,3-Dichloropropene	ug/kg	50	40.7	81	69-120	
Dibromochloromethane	ug/kg	50	52.8	106	66-120	
Dibromomethane	ug/kg	50	47.7	95	75-122	
Dichlorodifluoromethane	ug/kg	50	56.4	113	49-157	
Ethylbenzene	ug/kg	50	49.9	100	68-131	
Hexachloro-1,3-butadiene	ug/kg	50	54.5	109	66-128	
Isopropylbenzene (Cumene)	ug/kg	50	52.1	104	57-142	
m&p-Xylene	ug/kg	100	98.8	99	67-132	
Methyl-tert-butyl ether	ug/kg	50	48.2	96	52-143	
Methylene chloride	ug/kg	50	44.5	89	45-146	
n-Butylbenzene	ug/kg	50	48.0	96	67-139	
n-Propylbenzene	ug/kg	50	49.1	98	68-133	
Naphthalene	ug/kg	50	44.7	89	52-147	
o-Xylene	ug/kg	50	48.0	96	68-129	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 182 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 71332

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	50	49.6	99	73-129	
sec-Butylbenzene	ug/kg	50	49.5	99	72-132	
Styrene	ug/kg	50	47.9	96	62-125	
tert-Amylmethyl ether	ug/kg	50	47.9	96	62-138	
tert-Butylbenzene	ug/kg	50	55.7	111	70-125	
Tetrachloroethene	ug/kg	50	54.7	109	62-130	
Toluene	ug/kg	50	48.0	96	73-124	
trans-1,2-Dichloroethene	ug/kg	50	50.7	101	64-144	
trans-1,3-Dichloropropene	ug/kg	50	52.7	105	50-128	
Trichloroethene	ug/kg	50	48.9	98	74-128	
Trichlorofluoromethane	ug/kg	50	61.9	124	57-163	
Vinyl chloride	ug/kg	50	50.6	101	59-155	
Xylene (Total)	ug/kg	150	147	98	68-130	
1,2-Dichloroethane-d4 (S)	%			105	80-143	
4-Bromofluorobenzene (S)	%			105	72-122	
Dibromofluoromethane (S)	%			107	80-136	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71631 71632

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		257591059 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1,2-Tetrachloroethane	ug/kg	ND	55.7	55.7	38.2	36.8	69	66	71-116	4	30 M1
1,1,1-Trichloroethane	ug/kg	ND	55.7	55.7	39.9	35.9	72	64	68-122	11	30 M1
1,1,2,2-Tetrachloroethane	ug/kg	ND	55.7	55.7	37.2	37.0	67	66	67-130	.6	30 M1
1,1,2-Trichloroethane	ug/kg	ND	55.7	55.7	37.5	33.5	67	60	70-117	11	30 M1
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	55.7	55.7	33.7	28.5	60	51	60-140	17	30 M1
1,1-Dichloroethane	ug/kg	ND	55.7	55.7	33.4	29.4	60	53	71-123	13	30 M1
1,1-Dichloroethene	ug/kg	ND	55.7	55.7	32.4	28.2	58	51	69-130	14	30 M1
1,1-Dichloropropene	ug/kg	ND	55.7	55.7	29.4	25.6	53	46	71-129	14	30 M1
1,2,3-Trichlorobenzene	ug/kg	ND	55.7	55.7	32.7	35.0	59	63	59-128	7	30
1,2,3-Trichloropropane	ug/kg	ND	55.7	55.7	46.7	44.0	84	79	68-123	6	30
1,2,4-Trichlorobenzene	ug/kg	ND	55.7	55.7	30.2	32.3	54	58	60-135	7	30 M1
1,2,4-Trimethylbenzene	ug/kg	ND	55.7	55.7	28.1	29.3	51	52	62-131	4	30 M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	55.7	55.7	51.1	47.7	92	85	52-135	7	30
1,2-Dibromoethane (EDB)	ug/kg	ND	55.7	55.7	41.4	39.2	74	70	71-123	5	30 M1
1,2-Dichlorobenzene	ug/kg	ND	55.7	55.7	33.1	34.0	59	61	69-116	3	30 M1
1,2-Dichloroethane	ug/kg	ND	55.7	55.7	44.3	39.7	80	71	71-124	11	30
1,2-Dichloroethene (Total)	ug/kg	ND	111	112	69.4	59.7	62	53	64-112	15	30 M1
1,2-Dichloropropane	ug/kg	ND	55.7	55.7	32.2	30.0	58	54	68-116	7	30 M1
1,3,5-Trimethylbenzene	ug/kg	ND	55.7	55.7	30.4	30.7	55	55	62-128	.9	30 M1
1,3-Dichlorobenzene	ug/kg	ND	55.7	55.7	30.6	31.5	55	56	68-115	3	30 M1
1,3-Dichloropropane	ug/kg	ND	55.7	55.7	37.8	36.6	68	66	67-121	3	30 M1
1,4-Dichlorobenzene	ug/kg	ND	55.7	55.7	31.4	32.0	56	57	68-116	2	30 M1
2,2-Dichloropropane	ug/kg	ND	55.7	55.7	34.5	29.8	62	53	72-117	14	30 M1
2-Butanone (MEK)	ug/kg	ND	55.7	55.7	46.2	35.5	83	64	58-152	26	30
2-Chlorotoluene	ug/kg	ND	55.7	55.7	30.2	29.5	54	53	61-120	2	30 M1

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 183 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		71631		71632									
Parameter	Units	257591059 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max			
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual	
2-Hexanone	ug/kg	ND	55.7	55.7	46.1	41.9	83	75	55-150	10	30		
4-Chlorotoluene	ug/kg	ND	55.7	55.7	30.7	31.3	55	56	64-122	2	30	M1	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	55.7	55.7	46.9	40.6	84	73	63-147	15	30		
Acetone	ug/kg	12.9	55.7	55.7	49.9	34.2	67	38	52-160	38	30	D6,M1	
Benzene	ug/kg	ND	55.7	55.7	30.7	27.4	55	49	68-124	11	30	M1	
Bromobenzene	ug/kg	ND	55.7	55.7	33.4	34.2	60	61	68-120	2	30	M1	
Bromochloromethane	ug/kg	ND	55.7	55.7	39.7	35.5	71	64	78-114	11	30	M1	
Bromodichloromethane	ug/kg	ND	55.7	55.7	38.0	35.7	68	64	77-112	6	30	M1	
Bromoform	ug/kg	ND	55.7	55.7	46.7	43.4	84	78	72-122	7	30		
Bromomethane	ug/kg	ND	55.7	55.7	32.1	29.0	58	52	61-131	10	30	M1	
Carbon disulfide	ug/kg	ND	55.7	55.7	31.0	28.5	55	51	10-160	8	30		
Carbon tetrachloride	ug/kg	ND	55.7	55.7	40.7	38.0	73	68	74-115	7	30	M1	
Chlorobenzene	ug/kg	ND	55.7	55.7	32.8	31.3	59	56	67-130	5	30	M1	
Chloroethane	ug/kg	ND	55.7	55.7	32.3	28.4	58	51	68-126	13	30	M1	
Chloroform	ug/kg	ND	55.7	55.7	37.7	34.7	68	62	72-113	8	30	M1	
Chloromethane	ug/kg	ND	55.7	55.7	27.0	23.5	48	42	33-126	14	30		
cis-1,2-Dichloroethene	ug/kg	ND	55.7	55.7	34.7	30.3	62	54	73-122	14	30	M1	
cis-1,3-Dichloropropene	ug/kg	ND	55.7	55.7	31.0	28.6	56	51	75-125	8	30	M1	
Dibromochloromethane	ug/kg	ND	55.7	55.7	42.9	39.5	77	71	69-121	8	30		
Dibromomethane	ug/kg	ND	55.7	55.7	42.6	37.6	76	67	78-115	12	30	M1	
Dichlorodifluoromethane	ug/kg	ND	55.7	55.7	39.4	33.6	71	60	10-127	16	30		
Ethylbenzene	ug/kg	ND	55.7	55.7	31.6	30.0	57	54	63-131	5	30	M1	
Hexachloro-1,3-butadiene	ug/kg	ND	55.7	55.7	31.7	32.7	57	59	62-127	3	30	M1	
Isopropylbenzene (Cumene)	ug/kg	ND	55.7	55.7	33.0	31.2	59	56	66-127	6	30	M1	
m&p-Xylene	ug/kg	ND	111	112	60.7	57.6	55	52	69-128	5	30	M1	
Methyl-tert-butyl ether	ug/kg	ND	55.7	55.7	45.6	39.6	82	71	68-139	14	30		
Methylene chloride	ug/kg	ND	55.7	55.7	30.8	26.6	55	48	46-150	15	30		
n-Butylbenzene	ug/kg	ND	55.7	55.7	25.6	26.6	46	48	62-126	4	30	M1	
n-Propylbenzene	ug/kg	ND	55.7	55.7	28.6	28.3	51	51	59-129	.8	30	M1	
Naphthalene	ug/kg	ND	55.7	55.7	33.5	34.7	60	62	45-147	4	30		
o-Xylene	ug/kg	ND	55.7	55.7	29.8	29.1	54	52	63-129	2	30	M1	
p-Isopropyltoluene	ug/kg	ND	55.7	55.7	29.6	30.3	53	54	65-134	2	30	M1	
sec-Butylbenzene	ug/kg	ND	55.7	55.7	28.8	29.0	52	52	62-131	.8	30	M1	
Styrene	ug/kg	ND	55.7	55.7	31.3	29.6	56	53	68-129	6	30	M1	
tert-Amylmethyl ether	ug/kg	ND	55.7	55.7	41.5	37.1	75	66	74-125	11	30	M1	
tert-Butylbenzene	ug/kg	ND	55.7	55.7	38.2	38.9	69	70	56-131	2	30		
Tetrachloroethene	ug/kg	ND	55.7	55.7	34.0	32.4	61	58	66-121	5	30	M1	
Toluene	ug/kg	ND	55.7	55.7	30.4	28.9	54	51	61-126	5	30	M1	
trans-1,2-Dichloroethene	ug/kg	ND	55.7	55.7	34.6	29.4	62	53	72-118	16	30	M1	
trans-1,3-Dichloropropene	ug/kg	ND	55.7	55.7	43.4	41.7	78	75	64-113	4	30		
Trichloroethene	ug/kg	ND	55.7	55.7	32.8	28.8	59	52	72-115	13	30	M1	
Trichlorofluoromethane	ug/kg	ND	55.7	55.7	40.6	35.4	73	63	66-127	14	30	M1	
Vinyl chloride	ug/kg	ND	55.7	55.7	27.2	22.9	49	41	49-122	17	30	M1	
Xylene (Total)	ug/kg	ND	167	167	90.6	86.7	54	52	68-129	4	30	M1	
1,2-Dichloroethane-d4 (S)	%						135	129	80-143				
4-Bromofluorobenzene (S)	%						105	103	72-122				
Dibromofluoromethane (S)	%						116	112	80-136				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		71631		71632									
Parameter	Units	257591059 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Toluene-d8 (S)	%						94	101	80-120				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: MSV/4533

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 257591049, 257591053, 257591057

METHOD BLANK: 71877

Matrix: Solid

Associated Lab Samples: 257591049, 257591053, 257591057

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	05/24/11 10:31	
1,1,1-Trichloroethane	ug/kg	ND	3.0	05/24/11 10:31	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	05/24/11 10:31	
1,1,2-Trichloroethane	ug/kg	ND	3.0	05/24/11 10:31	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	05/24/11 10:31	
1,1-Dichloroethane	ug/kg	ND	3.0	05/24/11 10:31	
1,1-Dichloroethene	ug/kg	ND	3.0	05/24/11 10:31	
1,1-Dichloropropene	ug/kg	ND	3.0	05/24/11 10:31	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	05/24/11 10:31	
1,2,3-Trichloropropane	ug/kg	ND	3.0	05/24/11 10:31	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	05/24/11 10:31	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	05/24/11 10:31	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/24/11 10:31	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	05/24/11 10:31	
1,2-Dichlorobenzene	ug/kg	ND	3.0	05/24/11 10:31	
1,2-Dichloroethane	ug/kg	ND	3.0	05/24/11 10:31	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	05/24/11 10:31	
1,2-Dichloropropane	ug/kg	ND	3.0	05/24/11 10:31	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	05/24/11 10:31	
1,3-Dichlorobenzene	ug/kg	ND	3.0	05/24/11 10:31	
1,3-Dichloropropane	ug/kg	ND	3.0	05/24/11 10:31	
1,4-Dichlorobenzene	ug/kg	ND	3.0	05/24/11 10:31	
2,2-Dichloropropane	ug/kg	ND	3.0	05/24/11 10:31	
2-Butanone (MEK)	ug/kg	ND	10.0	05/24/11 10:31	
2-Chlorotoluene	ug/kg	ND	3.0	05/24/11 10:31	
2-Hexanone	ug/kg	ND	10.0	05/24/11 10:31	
4-Chlorotoluene	ug/kg	ND	3.0	05/24/11 10:31	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	05/24/11 10:31	
Acetone	ug/kg	ND	10.0	05/24/11 10:31	
Benzene	ug/kg	ND	3.0	05/24/11 10:31	
Bromobenzene	ug/kg	ND	3.0	05/24/11 10:31	
Bromochloromethane	ug/kg	ND	3.0	05/24/11 10:31	
Bromodichloromethane	ug/kg	ND	3.0	05/24/11 10:31	
Bromoform	ug/kg	ND	3.0	05/24/11 10:31	
Bromomethane	ug/kg	ND	3.0	05/24/11 10:31	
Carbon disulfide	ug/kg	ND	3.0	05/24/11 10:31	
Carbon tetrachloride	ug/kg	ND	3.0	05/24/11 10:31	
Chlorobenzene	ug/kg	ND	3.0	05/24/11 10:31	
Chloroethane	ug/kg	ND	3.0	05/24/11 10:31	
Chloroform	ug/kg	ND	3.0	05/24/11 10:31	
Chloromethane	ug/kg	ND	3.0	05/24/11 10:31	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	05/24/11 10:31	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	05/24/11 10:31	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 186 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

METHOD BLANK: 71877

Matrix: Solid

Associated Lab Samples: 257591049, 257591053, 257591057

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	05/24/11 10:31	
Dibromomethane	ug/kg	ND	3.0	05/24/11 10:31	
Dichlorodifluoromethane	ug/kg	ND	3.0	05/24/11 10:31	
Ethylbenzene	ug/kg	ND	3.0	05/24/11 10:31	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	05/24/11 10:31	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	05/24/11 10:31	
m&p-Xylene	ug/kg	ND	6.0	05/24/11 10:31	
Methyl-tert-butyl ether	ug/kg	ND	3.0	05/24/11 10:31	
Methylene chloride	ug/kg	ND	10.0	05/24/11 10:31	
n-Butylbenzene	ug/kg	ND	3.0	05/24/11 10:31	
n-Propylbenzene	ug/kg	ND	3.0	05/24/11 10:31	
Naphthalene	ug/kg	ND	3.0	05/24/11 10:31	
o-Xylene	ug/kg	ND	3.0	05/24/11 10:31	
p-Isopropyltoluene	ug/kg	ND	3.0	05/24/11 10:31	
sec-Butylbenzene	ug/kg	ND	3.0	05/24/11 10:31	
Styrene	ug/kg	ND	3.0	05/24/11 10:31	
tert-Amylmethyl ether	ug/kg	ND	3.0	05/24/11 10:31	
tert-Butylbenzene	ug/kg	ND	3.0	05/24/11 10:31	
Tetrachloroethene	ug/kg	ND	3.0	05/24/11 10:31	
Toluene	ug/kg	ND	3.0	05/24/11 10:31	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	05/24/11 10:31	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	05/24/11 10:31	
Trichloroethene	ug/kg	ND	3.0	05/24/11 10:31	
Trichlorofluoromethane	ug/kg	ND	3.0	05/24/11 10:31	
Vinyl chloride	ug/kg	ND	3.0	05/24/11 10:31	
Xylene (Total)	ug/kg	ND	9.0	05/24/11 10:31	
1,2-Dichloroethane-d4 (S)	%	117	80-143	05/24/11 10:31	
4-Bromofluorobenzene (S)	%	103	72-122	05/24/11 10:31	
Dibromofluoromethane (S)	%	109	80-136	05/24/11 10:31	
Toluene-d8 (S)	%	96	80-120	05/24/11 10:31	

LABORATORY CONTROL SAMPLE: 71878

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	51.7	103	49-136	
1,1,1-Trichloroethane	ug/kg	50	55.2	110	56-147	
1,1,2,2-Tetrachloroethane	ug/kg	50	39.9	80	62-143	
1,1,2-Trichloroethane	ug/kg	50	41.6	83	66-127	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	51.2	102	60-140	
1,1-Dichloroethane	ug/kg	50	44.1	88	54-146	
1,1-Dichloroethene	ug/kg	50	46.6	93	58-152	
1,1-Dichloropropene	ug/kg	50	41.6	83	74-132	
1,2,3-Trichlorobenzene	ug/kg	50	46.5	93	54-146	
1,2,3-Trichloropropane	ug/kg	50	47.0	94	49-150	
1,2,4-Trichlorobenzene	ug/kg	50	49.2	98	48-153	

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 187 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 71878

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	44.5	89	66-133	
1,2-Dibromo-3-chloropropane	ug/kg	50	51.9	104	41-156	
1,2-Dibromoethane (EDB)	ug/kg	50	47.9	96	71-123	
1,2-Dichlorobenzene	ug/kg	50	44.7	89	71-127	
1,2-Dichloroethane	ug/kg	50	55.5	111	70-124	
1,2-Dichloroethene (Total)	ug/kg	100	89.5	89	69-138	
1,2-Dichloropropane	ug/kg	50	41.6	83	71-125	
1,3,5-Trimethylbenzene	ug/kg	50	45.6	91	69-130	
1,3-Dichlorobenzene	ug/kg	50	44.0	88	73-126	
1,3-Dichloropropane	ug/kg	50	45.3	91	65-128	
1,4-Dichlorobenzene	ug/kg	50	45.3	91	73-125	
2,2-Dichloropropane	ug/kg	50	54.2	108	36-164	
2-Butanone (MEK)	ug/kg	50	46.7	93	70-171	
2-Chlorotoluene	ug/kg	50	44.6	89	66-134	
2-Hexanone	ug/kg	50	42.3	85	51-180	
4-Chlorotoluene	ug/kg	50	44.1	88	64-137	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	42.6	85	50-162	
Acetone	ug/kg	50	42.7	85	47-166	
Benzene	ug/kg	50	40.3	81	75-133	
Bromobenzene	ug/kg	50	45.1	90	71-124	
Bromochloromethane	ug/kg	50	48.3	97	54-140	
Bromodichloromethane	ug/kg	50	51.6	103	73-120	
Bromoform	ug/kg	50	57.1	114	43-138	
Bromomethane	ug/kg	50	53.0	106	54-149	
Carbon disulfide	ug/kg	50	38.4	77	44-152	
Carbon tetrachloride	ug/kg	50	63.0	126	46-154	
Chlorobenzene	ug/kg	50	44.8	90	72-124	
Chloroethane	ug/kg	50	54.5	109	58-152	
Chloroform	ug/kg	50	49.3	99	72-131	
Chloromethane	ug/kg	50	40.4	81	50-156	
cis-1,2-Dichloroethene	ug/kg	50	44.5	89	76-132	
cis-1,3-Dichloropropene	ug/kg	50	40.7	81	69-120	
Dibromochloromethane	ug/kg	50	54.1	108	66-120	
Dibromomethane	ug/kg	50	50.2	100	75-122	
Dichlorodifluoromethane	ug/kg	50	50.6	101	49-157	
Ethylbenzene	ug/kg	50	45.8	92	68-131	
Hexachloro-1,3-butadiene	ug/kg	50	53.4	107	66-128	
Isopropylbenzene (Cumene)	ug/kg	50	49.4	99	57-142	
m&p-Xylene	ug/kg	100	89.8	90	67-132	
Methyl-tert-butyl ether	ug/kg	50	50.4	101	52-143	
Methylene chloride	ug/kg	50	48.8	98	45-146	
n-Butylbenzene	ug/kg	50	43.8	88	67-139	
n-Propylbenzene	ug/kg	50	42.8	86	68-133	
Naphthalene	ug/kg	50	42.5	85	52-147	
o-Xylene	ug/kg	50	42.5	85	68-129	
p-Isopropyltoluene	ug/kg	50	46.0	92	73-129	
sec-Butylbenzene	ug/kg	50	43.9	88	72-132	
Styrene	ug/kg	50	44.2	88	62-125	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

LABORATORY CONTROL SAMPLE: 71878

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amylmethyl ether	ug/kg	50	47.8	96	62-138	
tert-Butylbenzene	ug/kg	50	50.1	100	70-125	
Tetrachloroethene	ug/kg	50	51.5	103	62-130	
Toluene	ug/kg	50	42.5	85	73-124	
trans-1,2-Dichloroethene	ug/kg	50	45.0	90	64-144	
trans-1,3-Dichloropropene	ug/kg	50	54.2	108	50-128	
Trichloroethene	ug/kg	50	47.3	95	74-128	
Trichlorofluoromethane	ug/kg	50	66.1	132	57-163	
Vinyl chloride	ug/kg	50	42.3	85	59-155	
Xylene (Total)	ug/kg	150	132	88	68-130	
1,2-Dichloroethane-d4 (S)	%			118	80-143	
4-Bromofluorobenzene (S)	%			103	72-122	
Dibromofluoromethane (S)	%			110	80-136	
Toluene-d8 (S)	%			98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71932

71933

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		257837001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/kg	ND	19.2	17.8	17.7	15.1	93	85	71-116	16	30	
1,1,1-Trichloroethane	ug/kg	ND	19.2	17.8	22.3	19.0	116	107	68-122	16	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	19.2	17.8	12.5	9.3	65	52	67-130	30	30	M1
1,1,2-Trichloroethane	ug/kg	ND	19.2	17.8	13.3	11.5	69	65	70-117	14	30	M1
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	19.2	17.8	20.9	17.7	109	100	60-140	17	30	
1,1-Dichloroethane	ug/kg	ND	19.2	17.8	18.2	15.6	95	88	71-123	15	30	
1,1-Dichloroethene	ug/kg	ND	19.2	17.8	19.6	17.3	102	98	69-130	12	30	
1,1-Dichloropropene	ug/kg	ND	19.2	17.8	17.2	13.6	90	76	71-129	24	30	
1,2,3-Trichlorobenzene	ug/kg	ND	19.2	17.8	11.2	7.7	59	43	59-128	38	30	D6,M1
1,2,3-Trichloropropane	ug/kg	ND	19.2	17.8	14.0	10.2	73	57	68-123	32	30	D6,M1
1,2,4-Trichlorobenzene	ug/kg	ND	19.2	17.8	12.1	8.6	63	48	60-135	35	30	D6,M1
1,2,4-Trimethylbenzene	ug/kg	65.3	19.2	17.8	19.7	12.7	-238	-296	62-131	44	30	D6,M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	19.2	17.8	11.6	9.1	60	51	52-135	23	30	M1
1,2-Dibromoethane (EDB)	ug/kg	ND	19.2	17.8	13.4	12.3	70	69	71-123	9	30	M1
1,2-Dichlorobenzene	ug/kg	ND	19.2	17.8	16.3	11.8	85	66	69-116	32	30	D6,M1
1,2-Dichloroethane	ug/kg	ND	19.2	17.8	16.3	13.8	85	78	71-124	16	30	
1,2-Dichloroethene (Total)	ug/kg	ND	38.3	35.5	38.4	33.3	100	94	64-112	14	30	
1,2-Dichloropropane	ug/kg	ND	19.2	17.8	15.7	12.6	82	71	68-116	22	30	
1,3,5-Trimethylbenzene	ug/kg	13.9	19.2	17.8	19.9	13.1	31	-5	62-128	41	30	D6,M1
1,3-Dichlorobenzene	ug/kg	ND	19.2	17.8	17.7	12.4	92	70	68-115	35	30	D6
1,3-Dichloropropane	ug/kg	ND	19.2	17.8	14.5	12.6	76	71	67-121	14	30	
1,4-Dichlorobenzene	ug/kg	ND	19.2	17.8	17.6	12.8	92	72	68-116	31	30	D6
2,2-Dichloropropane	ug/kg	ND	19.2	17.8	21.0	17.8	110	100	72-117	17	30	
2-Butanone (MEK)	ug/kg	ND	19.2	17.8	10.4	10.5	54	59	58-152	2	30	M1
2-Chlorotoluene	ug/kg	ND	19.2	17.8	19.1	13.6	100	77	61-120	34	30	D6
2-Hexanone	ug/kg	ND	19.2	17.8	9.9	9.1	52	51	55-150	8	30	M1
4-Chlorotoluene	ug/kg	ND	19.2	17.8	19.6	13.7	102	77	64-122	35	30	D6
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	19.2	17.8	11.1	9.1	58	51	63-147	20	30	M1

Date: 04/19/2012 08:11 AM

REPORT OF LABORATORY ANALYSIS

Page 189 of 207

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		71932		71933									
Parameter	Units	257837001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Acetone	ug/kg	ND	19.2	17.8	7.8J	8.5J	41	48	52-160		30	M1	
Benzene	ug/kg	6.1	19.2	17.8	17.8	15.1	61	51	68-124	16	30	M1	
Bromobenzene	ug/kg	ND	19.2	17.8	19.0	14.5	99	81	68-120	27	30		
Bromochloromethane	ug/kg	ND	19.2	17.8	15.5	14.0	81	79	78-114	10	30		
Bromodichloromethane	ug/kg	ND	19.2	17.8	16.2	13.9	85	78	77-112	16	30		
Bromoform	ug/kg	ND	19.2	17.8	12.4	11.2	65	63	72-122	11	30	M1	
Bromomethane	ug/kg	ND	19.2	17.8	19.7	16.8	103	95	61-131	16	30		
Carbon disulfide	ug/kg	ND	19.2	17.8	15.8	14.3	82	80	10-160	10	30		
Carbon tetrachloride	ug/kg	ND	19.2	17.8	22.4	19.4	117	109	74-115	14	30	M1	
Chlorobenzene	ug/kg	ND	19.2	17.8	18.5	15.1	96	85	67-130	20	30		
Chloroethane	ug/kg	ND	19.2	17.8	20.8	19.5	109	110	68-126	6	30		
Chloroform	ug/kg	ND	19.2	17.8	18.9	16.0	98	90	72-113	16	30		
Chloromethane	ug/kg	ND	19.2	17.8	17.1	14.2	89	80	33-126	19	30		
cis-1,2-Dichloroethene	ug/kg	ND	19.2	17.8	18.1	16.3	94	92	73-122	11	30		
cis-1,3-Dichloropropene	ug/kg	ND	19.2	17.8	13.3	11.7	69	66	75-125	13	30	M1	
Dibromochloromethane	ug/kg	ND	19.2	17.8	14.4	13.5	75	76	69-121	6	30		
Dibromomethane	ug/kg	ND	19.2	17.8	14.8	12.9	77	73	78-115	14	30	M1	
Dichlorodifluoromethane	ug/kg	ND	19.2	17.8	15.5	14.2	81	80	10-127	9	30		
Ethylbenzene	ug/kg	17.2	19.2	17.8	19.9	15.9	14	-7	63-131	23	30	M1	
Hexachloro-1,3-butadiene	ug/kg	ND	19.2	17.8	11.8	5.9	62	33	62-127	67	30	D6,M1	
Isopropylbenzene (Cumene)	ug/kg	ND	19.2	17.8	19.5	15.5	96	81	66-127	23	30		
m&p-Xylene	ug/kg	54.7	38.3	35.5	37.8	30.0	-44	-70	69-128	23	30	M1	
Methyl-tert-butyl ether	ug/kg	ND	19.2	17.8	14.7	13.3	77	75	68-139	10	30		
Methylene chloride	ug/kg	20.1	19.2	17.8	30.6	25.8	55	32	46-150	17	30	M1	
n-Butylbenzene	ug/kg	ND	19.2	17.8	16.4	9.6	86	54	62-126	52	30	D6,M1	
n-Propylbenzene	ug/kg	8.0	19.2	17.8	20.2	13.5	64	31	59-129	40	30	D6,M1	
Naphthalene	ug/kg	78.2	19.2	17.8	10.7	8.3	-352	-393	45-147	25	30	M1	
o-Xylene	ug/kg	20.9	19.2	17.8	17.2	14.3	-19	-37	63-129	19	30	M1	
p-Isopropyltoluene	ug/kg	ND	19.2	17.8	18.9	11.4	98	64	65-134	49	30	D6,M1	
sec-Butylbenzene	ug/kg	ND	19.2	17.8	18.8	11.3	98	64	62-131	50	30	D6	
Styrene	ug/kg	ND	19.2	17.8	16.8	14.5	88	82	68-129	14	30		
tert-Amylmethyl ether	ug/kg	ND	19.2	17.8	15.6	13.9	81	78	74-125	11	30		
tert-Butylbenzene	ug/kg	ND	19.2	17.8	22.1	14.0	115	79	56-131	45	30	D6	
Tetrachloroethene	ug/kg	ND	19.2	17.8	21.4	17.4	112	98	66-121	21	30		
Toluene	ug/kg	18.3	19.2	17.8	18.6	16.1	1	-13	61-126	14	30	M1	
trans-1,2-Dichloroethene	ug/kg	ND	19.2	17.8	20.3	17.1	106	96	72-118	17	30		
trans-1,3-Dichloropropene	ug/kg	ND	19.2	17.8	17.3	15.9	90	90	64-113	8	30		
Trichloroethene	ug/kg	ND	19.2	17.8	18.4	16.0	96	90	72-115	14	30		
Trichlorofluoromethane	ug/kg	ND	19.2	17.8	23.1	20.2	121	114	66-127	13	30		
Vinyl chloride	ug/kg	ND	19.2	17.8	17.2	14.6	90	82	49-122	16	30		
Xylene (Total)	ug/kg	75.5	57.5	53.3	55.0	44.2	-36	-59	68-129	22	30	M1	
1,2-Dichloroethane-d4 (S)	%						89	87	80-143				
4-Bromofluorobenzene (S)	%						107	101	72-122				
Dibromofluoromethane (S)	%						95	96	80-136				
Toluene-d8 (S)	%						105	102	80-120				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: OEXT/3710 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 257591001, 257591002, 257591003, 257591004, 257591007, 257591008, 257591009, 257591010, 257591011, 257591012, 257591013, 257591014, 257591015, 257591016, 257591017, 257591018, 257591019, 257591020, 257591021

METHOD BLANK: 70249 Matrix: Solid

Associated Lab Samples: 257591001, 257591002, 257591003, 257591004, 257591007, 257591008, 257591009, 257591010, 257591011, 257591012, 257591013, 257591014, 257591015, 257591016, 257591017, 257591018, 257591019, 257591020, 257591021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	05/17/11 18:27	
2,4,6-Tribromophenol (S)	%	49	26-135	05/17/11 18:27	

LABORATORY CONTROL SAMPLE: 70250

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	466	35	20-89	
2,4,6-Tribromophenol (S)	%			74	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70251 70252

Parameter	Units	257591004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Pentachlorophenol	ug/kg	ND	1620	1570	1180	1140	73	73	10-143	3	28	
2,4,6-Tribromophenol (S)	%						91	90	26-135			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch: OEXT/3711 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 257591022, 257591024, 257591025, 257591026, 257591027, 257591028, 257591029, 257591030, 257591031, 257591033, 257591034, 257591035, 257591036, 257591037, 257591038, 257591039, 257591040, 257591041, 257591042, 257591043

METHOD BLANK: 70285 Matrix: Solid
Associated Lab Samples: 257591022, 257591024, 257591025, 257591026, 257591027, 257591028, 257591029, 257591030, 257591031, 257591033, 257591034, 257591035, 257591036, 257591037, 257591038, 257591039, 257591040, 257591041, 257591042, 257591043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	05/19/11 15:31	
2,4,6-Tribromophenol (S)	%	50	26-135	05/19/11 15:31	

LABORATORY CONTROL SAMPLE: 70286

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	498	37	20-89	
2,4,6-Tribromophenol (S)	%			72	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70287 70288

Parameter	Units	257591022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1620	1630	1150	1160	71	71	10-143	.8	28
2,4,6-Tribromophenol (S)	%						88	87	26-135		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch: OEXT/3719 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 257591005, 257591044, 257591045, 257591047, 257591048, 257591049, 257591050, 257591051, 257591052, 257591053, 257591054, 257591055, 257591056, 257591057, 257591058, 257591059

METHOD BLANK: 70513 Matrix: Solid
Associated Lab Samples: 257591005, 257591044, 257591045, 257591047, 257591048, 257591049, 257591050, 257591051, 257591052, 257591053, 257591054, 257591055, 257591056, 257591057, 257591058, 257591059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	05/20/11 12:09	
2,4,6-Tribromophenol (S)	%	53	26-135	05/20/11 12:09	

LABORATORY CONTROL SAMPLE: 70514

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	523	39	20-89	
2,4,6-Tribromophenol (S)	%			83	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70515 70516

Parameter	Units	257591050 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1560	1550	1020	1110	65	72	10-143	8	28	
2,4,6-Tribromophenol (S)	%						88	95	26-135			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: OEXT/3693

Analysis Method: EPA 8270

QC Batch Method: EPA 3510

Analysis Description: 8270 Water MSSV

Associated Lab Samples: 257591061, 257591062

METHOD BLANK: 69782

Matrix: Water

Associated Lab Samples: 257591061, 257591062

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	5.0	05/12/11 17:33	
2,4,6-Tribromophenol (S)	%	93	39-123	05/12/11 17:33	
2-Fluorobiphenyl (S)	%	81	34-109	05/12/11 17:33	
2-Fluorophenol (S)	%	54	11-105	05/12/11 17:33	
Nitrobenzene-d5 (S)	%	82	37-141	05/12/11 17:33	
Phenol-d6 (S)	%	33	10-105	05/12/11 17:33	
Terphenyl-d14 (S)	%	106	45-130	05/12/11 17:33	

LABORATORY CONTROL SAMPLE: 69783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	40	33.4	84	44-119	
2,4,6-Tribromophenol (S)	%			92	39-123	
2-Fluorobiphenyl (S)	%			78	34-109	
2-Fluorophenol (S)	%			49	11-105	
Nitrobenzene-d5 (S)	%			76	37-141	
Phenol-d6 (S)	%			31	10-105	
Terphenyl-d14 (S)	%			98	45-130	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: OEXT/3714 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
 Associated Lab Samples: 257591048, 257591049, 257591050, 257591051, 257591052, 257591053, 257591054, 257591055, 257591056, 257591057, 257591058, 257591059

METHOD BLANK: 70371 Matrix: Solid
 Associated Lab Samples: 257591048, 257591049, 257591050, 257591051, 257591052, 257591053, 257591054, 257591055, 257591056, 257591057, 257591058, 257591059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	20.0	05/18/11 01:10	
Motor Oil Range SG	mg/kg	ND	80.0	05/18/11 01:10	
n-Octacosane (S) SG	%	104	50-150	05/18/11 01:10	
o-Terphenyl (S) SG	%	99	50-150	05/18/11 01:10	

LABORATORY CONTROL SAMPLE: 70372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	500	479	96	56-124	
Motor Oil Range SG	mg/kg	500	506	101	50-150	
n-Octacosane (S) SG	%			106	50-150	
o-Terphenyl (S) SG	%			100	50-150	

SAMPLE DUPLICATE: 70373

Parameter	Units	257579001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND		50	
Motor Oil Range SG	mg/kg	ND	ND		50	
n-Octacosane (S) SG	%	105	105	1		
o-Terphenyl (S) SG	%	101	101	1		

SAMPLE DUPLICATE: 70374

Parameter	Units	257591059 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND		50	
Motor Oil Range SG	mg/kg	ND	ND		50	
n-Octacosane (S) SG	%	105	106	5		
o-Terphenyl (S) SG	%	101	103	5		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: PMST/1674

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 257591001, 257591002, 257591003, 257591004, 257591005

SAMPLE DUPLICATE: 69667

Parameter	Units	257565032 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.1	22.0	.09	30	

SAMPLE DUPLICATE: 69668

Parameter	Units	257591004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.8	16.9	5	30	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257591

QC Batch: PMST/1677 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 257591007, 257591008, 257591009, 257591010, 257591011, 257591012, 257591013, 257591014, 257591015

SAMPLE DUPLICATE: 70127

Parameter	Units	257652001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.5	24.0	14	30	

SAMPLE DUPLICATE: 70128

Parameter	Units	257633009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.5	26.2	1	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch:	PMST/1678	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	257591016, 257591017, 257591018, 257591019, 257591020, 257591021, 257591022, 257591024, 257591025, 257591026, 257591027, 257591028, 257591029, 257591030, 257591031, 257591033, 257591034, 257591035, 257591036, 257591037		

SAMPLE DUPLICATE: 70129

Parameter	Units	257591016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	31.7	32.3	2	30	

SAMPLE DUPLICATE: 70130

Parameter	Units	257591037 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	36.0	37.0	3	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: PMST/1679

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 257591038, 257591039, 257591040, 257591041, 257591042, 257591043, 257591044, 257591045, 257591047, 257591048, 257591049, 257591050, 257591051, 257591052, 257591053, 257591054, 257591055, 257591056, 257591057

SAMPLE DUPLICATE: 70213

Parameter	Units	257591038 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	29.1	30.9	6	30	

SAMPLE DUPLICATE: 70214

Parameter	Units	257591057 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.6	23.3	1	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257591

QC Batch: PMST/1680

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 257591058, 257591059

SAMPLE DUPLICATE: 70215

Parameter	Units	257603001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.7	12.7	9	30	

SAMPLE DUPLICATE: 70216

Parameter	Units	257614001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	47.0	46.5	1	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 257591

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSSV/1619

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1n Result may be due to carryover. There was no sample left for reanalysis.

2n Sample weight exceeded method recommendations.

3n Serial dilution difference was greater than 10%.

4n Serial dilution result was greater than 10% difference.

B Analyte was detected in the associated method blank.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

E Analyte concentration exceeded the calibration range. The reported result is estimated.

ES The reported result is estimated because one or more of the constituent results are qualified as such.

IS The internal standard response is below criteria. Results may be biased high.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

P8 Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.

R1 RPD value was outside control limits.

Z3 Methylene chloride is a common laboratory contaminant. Results for this analyte should be considered estimated unless the amount found in the sample is 3 to 5 times higher than that found in the method blank.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 257591

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257591048	SUP_SL_26 9-10	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591049	SUP_SL_26 10-12	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591050	SUP_SL_26 12-14	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591051	SUP_SL_26 14-16	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591052	SUP_SL_27 3-4	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591053	SUP_SL_27 4-5	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591054	SUP_SL_27 5-6	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591055	SUP_SL_27 6-8	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591056	SUP_SL_27 8-10	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591057	SUP_SL_27 10-12	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591058	SUP_SL_27 12-14	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591059	SUP_SL_27 14-16	EPA 3546	OEXT/3714	NWTPH-Dx	GCSV/2504
257591048	SUP_SL_26 9-10	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591049	SUP_SL_26 10-12	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591050	SUP_SL_26 12-14	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591051	SUP_SL_26 14-16	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591052	SUP_SL_27 3-4	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591053	SUP_SL_27 4-5	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591054	SUP_SL_27 5-6	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591055	SUP_SL_27 6-8	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591056	SUP_SL_27 8-10	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591057	SUP_SL_27 10-12	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591058	SUP_SL_27 12-14	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591059	SUP_SL_27 14-16	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591060	Trip Blank 5	NWTPH-Gx	GCV/2288	NWTPH-Gx	GCV/2289
257591001	SUP_SL_10 6-8	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591002	SUP_SL_10 8-10	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591003	SUP_SL_10 10-12	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591004	SUP_SL_10 12-14	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591005	SUP_SL_10 14-16	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591007	SUP_SL_11 4-5	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591008	SUP_SL_11 5-6	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591009	SUP_SL_11 6-8	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591010	SUP_SL_11 8-10	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591011	SUP_SL_11 10-12	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591012	SUP_SL_11 12-14	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591013	SUP_SL_11 14-16	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591014	SUP_SL_11 Dup	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591015	SUP_SL_12 3-4	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591016	SUP_SL_12 4-5	EPA 3050	MPRP/2209	EPA 6010	ICP/2121
257591017	SUP_SL_12 5-6	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591018	SUP_SL_12 6-8	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591019	SUP_SL_12 8-10	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591020	SUP_SL_12 10-12	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591021	SUP_SL_12 12-14	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591022	SUP_SL_12 14-16	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591024	SUP_SL_13 3-4	EPA 3050	MPRP/2215	EPA 6010	ICP/2122

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257591025	SUP_SL_13 4-5	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591026	SUP_SL_13 5-6	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591027	SUP_SL_13 6-8	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591028	SUP_SL_13 8-10	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591029	SUP_SL_13 10-12	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591030	SUP_SL_13 12-14	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591031	SUP_SL_13 14-16	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591033	SUP_SL_16 3-4	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591034	SUP_SL_16 4-5	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591035	SUP_SL_16 5-6	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591036	SUP_SL_16 6-8	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591037	SUP_SL_16 8-10	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591038	SUP_SL_16 10-12	EPA 3050	MPRP/2215	EPA 6010	ICP/2122
257591039	SUP_SL_16 12-14	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591040	SUP_SL_16 14-16	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591041	SUP_SL_17 8-10	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591042	SUP_SL_17 10-12	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591043	SUP_SL_17 12-14	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591044	SUP_SL_17 14-16	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591045	SUP_SL_17_Dup	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591047	SUP_SL_26 5-9	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591048	SUP_SL_26 9-10	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591049	SUP_SL_26 10-12	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591050	SUP_SL_26 12-14	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591051	SUP_SL_26 14-16	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591052	SUP_SL_27 3-4	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591053	SUP_SL_27 4-5	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591054	SUP_SL_27 5-6	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591055	SUP_SL_27 6-8	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591056	SUP_SL_27 8-10	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591057	SUP_SL_27 10-12	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591058	SUP_SL_27 12-14	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591059	SUP_SL_27 14-16	EPA 3050	MPRP/2216	EPA 6010	ICP/2123
257591061	SUP_GW_3	EPA 3010	MPRP/2229	EPA 6010	ICP/2137
257591062	SUP_GW_6	EPA 3010	MPRP/2229	EPA 6010	ICP/2137
257591061	SUP_GW_3	EPA 3010	MPRP/2227	EPA 6010	ICP/2133
257591062	SUP_GW_6	EPA 3010	MPRP/2231	EPA 6010	ICP/2135
257591041	SUP_SL_17 8-10	EPA 7471	MERP/1431	EPA 7471	MERC/1448
257591042	SUP_SL_17 10-12	EPA 7471	MERP/1431	EPA 7471	MERC/1448
257591043	SUP_SL_17 12-14	EPA 7471	MERP/1431	EPA 7471	MERC/1448
257591044	SUP_SL_17 14-16	EPA 7471	MERP/1431	EPA 7471	MERC/1448
257591045	SUP_SL_17_Dup	EPA 7471	MERP/1431	EPA 7471	MERC/1448
257591048	SUP_SL_26 9-10	EPA 7471	MERP/1431	EPA 7471	MERC/1448
257591049	SUP_SL_26 10-12	EPA 7471	MERP/1431	EPA 7471	MERC/1448
257591050	SUP_SL_26 12-14	EPA 7471	MERP/1431	EPA 7471	MERC/1448
257591051	SUP_SL_26 14-16	EPA 7471	MERP/1431	EPA 7471	MERC/1448

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 257591

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257591001	SUP_SL_10 6-8	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591002	SUP_SL_10 8-10	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591003	SUP_SL_10 10-12	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591004	SUP_SL_10 12-14	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591005	SUP_SL_10 14-16	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591007	SUP_SL_11 4-5	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591008	SUP_SL_11 5-6	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591009	SUP_SL_11 6-8	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591010	SUP_SL_11 8-10	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591011	SUP_SL_11 10-12	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591012	SUP_SL_11 12-14	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591013	SUP_SL_11 14-16	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591014	SUP_SL_11 Dup	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591015	SUP_SL_12 3-4	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591016	SUP_SL_12 4-5	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591017	SUP_SL_12 5-6	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591018	SUP_SL_12 6-8	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591019	SUP_SL_12 8-10	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591020	SUP_SL_12 10-12	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591021	SUP_SL_12 12-14	EPA 3546	OEXT/3710	EPA 8270	MSSV/1628
257591022	SUP_SL_12 14-16	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591024	SUP_SL_13 3-4	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591025	SUP_SL_13 4-5	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591026	SUP_SL_13 5-6	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591027	SUP_SL_13 6-8	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591028	SUP_SL_13 8-10	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591029	SUP_SL_13 10-12	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591030	SUP_SL_13 12-14	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591031	SUP_SL_13 14-16	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591033	SUP_SL_16 3-4	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591034	SUP_SL_16 4-5	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591035	SUP_SL_16 5-6	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591036	SUP_SL_16 6-8	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591037	SUP_SL_16 8-10	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591038	SUP_SL_16 10-12	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591039	SUP_SL_16 12-14	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591040	SUP_SL_16 14-16	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591041	SUP_SL_17 8-10	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591042	SUP_SL_17 10-12	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591043	SUP_SL_17 12-14	EPA 3546	OEXT/3711	EPA 8270	MSSV/1630
257591044	SUP_SL_17 14-16	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591045	SUP_SL_17 Dup	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591047	SUP_SL_26 5-9	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591048	SUP_SL_26 9-10	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591049	SUP_SL_26 10-12	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591050	SUP_SL_26 12-14	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591051	SUP_SL_26 14-16	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 257591

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257591052	SUP_SL_27 3-4	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591053	SUP_SL_27 4-5	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591054	SUP_SL_27 5-6	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591055	SUP_SL_27 6-8	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591056	SUP_SL_27 8-10	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591057	SUP_SL_27 10-12	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591058	SUP_SL_27 12-14	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591059	SUP_SL_27 14-16	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257591061	SUP_GW_3	EPA 3510	OEXT/3693	EPA 8270	MSSV/1619
257591062	SUP_GW_6	EPA 3510	OEXT/3693	EPA 8270	MSSV/1619
257591061	SUP_GW_3	EPA 5030B/8260	MSV/4406		
257591062	SUP_GW_6	EPA 5030B/8260	MSV/4406		
257591063	Trip Blank Water	EPA 5030B/8260	MSV/4406		
257591001	SUP_SL_10 6-8	EPA 8260	MSV/4410		
257591002	SUP_SL_10 8-10	EPA 8260	MSV/4460		
257591003	SUP_SL_10 10-12	EPA 8260	MSV/4410		
257591004	SUP_SL_10 12-14	EPA 8260	MSV/4410		
257591005	SUP_SL_10 14-16	EPA 8260	MSV/4410		
257591006	Trip Blank 1	EPA 8260	MSV/4410		
257591007	SUP_SL_11 4-5	EPA 8260	MSV/4460		
257591008	SUP_SL_11 5-6	EPA 8260	MSV/4460		
257591009	SUP_SL_11 6-8	EPA 8260	MSV/4501		
257591010	SUP_SL_11 8-10	EPA 8260	MSV/4410		
257591011	SUP_SL_11 10-12	EPA 8260	MSV/4410		
257591012	SUP_SL_11 12-14	EPA 8260	MSV/4410		
257591013	SUP_SL_11 14-16	EPA 8260	MSV/4410		
257591014	SUP_SL_11 Dup	EPA 8260	MSV/4410		
257591015	SUP_SL_12 3-4	EPA 8260	MSV/4501		
257591016	SUP_SL_12 4-5	EPA 8260	MSV/4501		
257591017	SUP_SL_12 5-6	EPA 8260	MSV/4501		
257591018	SUP_SL_12 6-8	EPA 8260	MSV/4501		
257591019	SUP_SL_12 8-10	EPA 8260	MSV/4501		
257591020	SUP_SL_12 10-12	EPA 8260	MSV/4501		
257591021	SUP_SL_12 12-14	EPA 8260	MSV/4501		
257591022	SUP_SL_12 14-16	EPA 8260	MSV/4501		
257591023	Trip Blank 2	EPA 8260	MSV/4501		
257591024	SUP_SL_13 3-4	EPA 8260	MSV/4501		
257591025	SUP_SL_13 4-5	EPA 8260	MSV/4501		
257591026	SUP_SL_13 5-6	EPA 8260	MSV/4501		
257591027	SUP_SL_13 6-8	EPA 8260	MSV/4501		
257591028	SUP_SL_13 8-10	EPA 8260	MSV/4501		
257591029	SUP_SL_13 10-12	EPA 8260	MSV/4501		
257591030	SUP_SL_13 12-14	EPA 8260	MSV/4501		
257591031	SUP_SL_13 14-16	EPA 8260	MSV/4501		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257591032	Trip Blank 3	EPA 8260	MSV/4501		
257591033	SUP_SL_16 3-4	EPA 8260	MSV/4501		
257591034	SUP_SL_16 4-5	EPA 8260	MSV/4503		
257591035	SUP_SL_16 5-6	EPA 8260	MSV/4503		
257591036	SUP_SL_16 6-8	EPA 8260	MSV/4503		
257591037	SUP_SL_16 8-10	EPA 8260	MSV/4503		
257591038	SUP_SL_16 10-12	EPA 8260	MSV/4503		
257591039	SUP_SL_16 12-14	EPA 8260	MSV/4503		
257591040	SUP_SL_16 14-16	EPA 8260	MSV/4503		
257591041	SUP_SL_17 8-10	EPA 8260	MSV/4503		
257591042	SUP_SL_17 10-12	EPA 8260	MSV/4503		
257591043	SUP_SL_17 12-14	EPA 8260	MSV/4504		
257591044	SUP_SL_17 14-16	EPA 8260	MSV/4503		
257591045	SUP_SL_17_Dup	EPA 8260	MSV/4504		
257591046	Trip Blank 4	EPA 8260	MSV/4504		
257591048	SUP_SL_26 9-10	EPA 8260	MSV/4504		
257591049	SUP_SL_26 10-12	EPA 8260	MSV/4533		
257591050	SUP_SL_26 12-14	EPA 8260	MSV/4504		
257591051	SUP_SL_26 14-16	EPA 8260	MSV/4504		
257591052	SUP_SL_27 3-4	EPA 8260	MSV/4504		
257591053	SUP_SL_27 4-5	EPA 8260	MSV/4533		
257591054	SUP_SL_27 5-6	EPA 8260	MSV/4504		
257591055	SUP_SL_27 6-8	EPA 8260	MSV/4504		
257591056	SUP_SL_27 8-10	EPA 8260	MSV/4504		
257591057	SUP_SL_27 10-12	EPA 8260	MSV/4533		
257591058	SUP_SL_27 12-14	EPA 8260	MSV/4504		
257591059	SUP_SL_27 14-16	EPA 8260	MSV/4504		
257591060	Trip Blank 5	EPA 8260	MSV/4504		
257591001	SUP_SL_10 6-8	ASTM D2974-87	PMST/1674		
257591002	SUP_SL_10 8-10	ASTM D2974-87	PMST/1674		
257591003	SUP_SL_10 10-12	ASTM D2974-87	PMST/1674		
257591004	SUP_SL_10 12-14	ASTM D2974-87	PMST/1674		
257591005	SUP_SL_10 14-16	ASTM D2974-87	PMST/1674		
257591007	SUP_SL_11 4-5	ASTM D2974-87	PMST/1677		
257591008	SUP_SL_11 5-6	ASTM D2974-87	PMST/1677		
257591009	SUP_SL_11 6-8	ASTM D2974-87	PMST/1677		
257591010	SUP_SL_11 8-10	ASTM D2974-87	PMST/1677		
257591011	SUP_SL_11 10-12	ASTM D2974-87	PMST/1677		
257591012	SUP_SL_11 12-14	ASTM D2974-87	PMST/1677		
257591013	SUP_SL_11 14-16	ASTM D2974-87	PMST/1677		
257591014	SUP_SL_11 Dup	ASTM D2974-87	PMST/1677		
257591015	SUP_SL_12 3-4	ASTM D2974-87	PMST/1677		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 257591

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257591016	SUP_SL_12 4-5	ASTM D2974-87	PMST/1678		
257591017	SUP_SL_12 5-6	ASTM D2974-87	PMST/1678		
257591018	SUP_SL_12 6-8	ASTM D2974-87	PMST/1678		
257591019	SUP_SL_12 8-10	ASTM D2974-87	PMST/1678		
257591020	SUP_SL_12 10-12	ASTM D2974-87	PMST/1678		
257591021	SUP_SL_12 12-14	ASTM D2974-87	PMST/1678		
257591022	SUP_SL_12 14-16	ASTM D2974-87	PMST/1678		
257591024	SUP_SL_13 3-4	ASTM D2974-87	PMST/1678		
257591025	SUP_SL_13 4-5	ASTM D2974-87	PMST/1678		
257591026	SUP_SL_13 5-6	ASTM D2974-87	PMST/1678		
257591027	SUP_SL_13 6-8	ASTM D2974-87	PMST/1678		
257591028	SUP_SL_13 8-10	ASTM D2974-87	PMST/1678		
257591029	SUP_SL_13 10-12	ASTM D2974-87	PMST/1678		
257591030	SUP_SL_13 12-14	ASTM D2974-87	PMST/1678		
257591031	SUP_SL_13 14-16	ASTM D2974-87	PMST/1678		
257591033	SUP_SL_16 3-4	ASTM D2974-87	PMST/1678		
257591034	SUP_SL_16 4-5	ASTM D2974-87	PMST/1678		
257591035	SUP_SL_16 5-6	ASTM D2974-87	PMST/1678		
257591036	SUP_SL_16 6-8	ASTM D2974-87	PMST/1678		
257591037	SUP_SL_16 8-10	ASTM D2974-87	PMST/1678		
257591038	SUP_SL_16 10-12	ASTM D2974-87	PMST/1679		
257591039	SUP_SL_16 12-14	ASTM D2974-87	PMST/1679		
257591040	SUP_SL_16 14-16	ASTM D2974-87	PMST/1679		
257591041	SUP_SL_17 8-10	ASTM D2974-87	PMST/1679		
257591042	SUP_SL_17 10-12	ASTM D2974-87	PMST/1679		
257591043	SUP_SL_17 12-14	ASTM D2974-87	PMST/1679		
257591044	SUP_SL_17 14-16	ASTM D2974-87	PMST/1679		
257591045	SUP_SL_17_Dup	ASTM D2974-87	PMST/1679		
257591047	SUP_SL_26 5-9	ASTM D2974-87	PMST/1679		
257591048	SUP_SL_26 9-10	ASTM D2974-87	PMST/1679		
257591049	SUP_SL_26 10-12	ASTM D2974-87	PMST/1679		
257591050	SUP_SL_26 12-14	ASTM D2974-87	PMST/1679		
257591051	SUP_SL_26 14-16	ASTM D2974-87	PMST/1679		
257591052	SUP_SL_27 3-4	ASTM D2974-87	PMST/1679		
257591053	SUP_SL_27 4-5	ASTM D2974-87	PMST/1679		
257591054	SUP_SL_27 5-6	ASTM D2974-87	PMST/1679		
257591055	SUP_SL_27 6-8	ASTM D2974-87	PMST/1679		
257591056	SUP_SL_27 8-10	ASTM D2974-87	PMST/1679		
257591057	SUP_SL_27 10-12	ASTM D2974-87	PMST/1679		
257591058	SUP_SL_27 12-14	ASTM D2974-87	PMST/1680		
257591059	SUP_SL_27 14-16	ASTM D2974-87	PMST/1680		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 257614
Sample Date(s): May 11, 2011

This review summarizes the data quality of analytical results generated in support of the May 11, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 257614.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257614



Delivery Group Summary

Forty soil samples, one groundwater sample, one soil field duplicate, three soil trip blanks, and one groundwater trip blank were collected by Pacific Environmental Redevelopment Corporation on May 11, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), total and dissolved metals (mercury), semivolatile organic compounds (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 7471, 7470, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 have 18.8% of the results qualified.
- Total and dissolved mercury results by method 7471 and 7470 are of acceptable quality. None of the results were qualified.
- Pentachlorophenol results by method 8270 have 54.8% of the results qualified.
- VOC results by method 8260 have 4.4% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 40 Samples (1 Duplicate)	Groundwater= 1 Samples	Trip Blank (Soil)= 3 Samples	Trip Blank (Groundwater)= 1 Sample
6010 Metals (As, Pb, Cd) 7471 Mercury 8270 Pentachlorophenol Only 8260 VOCs	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury 8270 Pentachlorophenol Only 8260 VOCs	8260 VOCs	8260 VOCs

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.
Action: No action was taken based on the evaluation of holding times.

Representativeness



Accuracy

Surrogates:

All surrogate recoveries were within the control limits.

Action: No action was taken based on the evaluation of surrogate recoveries.

Representativeness

Blanks:

As specified in the SAP & QAPP, method and trip blanks were prepared and analyzed at the required frequency. Multiple coolers were used to transport the samples but some of them did not contain trip blanks. There is also no documentation on which trip blanks and samples went with which cooler, therefore trip blank detects are listed below but were not used to qualify sample results. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
257614009	Trip Blank			1,2,4-Trichlorobenzene	0.24 J	ug/kg
				1,2,4-Trimethylbenzene	0.84 J	ug/kg
				Acetone	3.7 J	ug/kg
				Benzene	0.54 J	ug/kg
				Ethylbenzene	0.57 J	ug/kg
				Methylene chloride	2.6 J	ug/kg
				Naphthalene	0.82 J	ug/kg
				Xylene (Total)	2.6 J	ug/kg
				m&p-Xylene	2.0 J	ug/kg
				o-Xylene	0.59 J	ug/kg
257614016	Trip Blank			Acetone	6.6 J	ug/kg
				Methylene chloride	10.5	ug/kg
257614024	Trip Blank			1,2,4-Trimethylbenzene	0.070 J	ug/kg
				Benzene	0.40 J	ug/kg
				Ethylbenzene	0.48 J	ug/kg
				Methylene chloride	3.2 J	ug/kg
				Xylene (Total)	2.2 J	ug/kg
				m&p-Xylene	1.7 J	ug/kg
				o-Xylene	0.45 J	ug/kg
257614046	Trip Blank			1,2,4-Trimethylbenzene	0.26 J	ug/L
				Naphthalene	0.14 J	ug/L
				Toluene	0.24 J	ug/L
				Xylene (Total)	0.53 J	ug/L
				m&p-Xylene	0.42 J	ug/L
70498	Method Blank	SUP_SL_24 5-6	257614017	Cadmium	0.024 J	mg/kg
		SUP_SL_24 6-8	257614018			
		SUP_SL_24 8-10	257614019			
		SUP_SL_24 10-12	257614020			
		SUP_SL_24 12-14	257614021			
		SUP_SL_24 14-16	257614022			
		SUP_SL_24 DUP	257614023			
		SUP_SL_25 4-5	257614025			
		SUP_SL_25 5-6	257614026			
		SUP_SL_25 6-8	257614027			
		SUP_SL_25 8-10	257614028			
		SUP_SL_25 10-12	257614029			
		SUP_SL_25 12-14	257614030			
		SUP_SL_25 14-16	257614031			



70669	Method Blank	SUP_GW_7	257614045	Arsenic, Dissolved	0.060	mg/L
70014	Method Blank	SUP_GW_7	257614045	1,2,4-Trimethylbenzene	0.30 J	ug/L
				Benzene	0.14 J	ug/L
				m&p-Xylene	0.49 J	ug/L
				n-Butylbenzene	0.10 J	ug/L
				Naphthalene	0.19 J	ug/L
				Toluene	0.30 J	ug/L
				Xylene (Total)	0.62 J	ug/L
71331	Method Blank	SUP_SL_18 3-4	257614001	Toluene	0.94 J	ug/kg
		SUP_SL_18 4-5	257614002			
71512	Method Blank	SUP_SL_18 5-6	257614003	1,2,4-Trichlorobenzene	0.27 J	ug/kg
		SUP_SL_18 8-10	257614005	1,2,4-Trimethylbenzene	0.63 J	ug/kg
		SUP_SL_18 10-12	257614006	Benzene	0.61 J	ug/kg
		SUP_SL_18 14-16	257614008	Ethylbenzene	0.50 J	ug/kg
		SUP_SL_19 5-6	257614010	m&p-Xylene	1.3 J	ug/kg
		SUP_SL_19 6-8	257614011	Methylene chloride	13.6	ug/kg
		SUP_SL_19 10-12	257614013	Naphthalene	0.79 J	ug/kg
		SUP_SL_19 12-14	257614014	o-Xylene	0.38 J	ug/kg
		SUP_SL_24 6-8	257614018	Styrene	2.3 J	ug/kg
		SUP_SL_24 8-10	257614019	Xylene (Total)	1.7 J	ug/kg
		SUP_SL_24 10-12	257614020			
		SUP_SL_24 12-14	257614021			
		SUP_SL_25 6-8	257614027			
71884	Method Blank	SUP_SL_25 8-10	257614028	Toluene	3.0 J	ug/kg

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	1,2,4-Trimethylbenzene		
SUP_SL_18 5-6	257614003	71512	Method Blank. Qualified based on criteria 4.
SUP_SL_18 8-10	257614005		
SUP_SL_18 10-12	257614006		
SUP_SL_18 14-16	257614008		
SUP_SL_19 5-6	257614010		



SUP_SL_19 6-8	257614011		
SUP_SL_19 10-12	257614013		
SUP_SL_19 12-14	257614014		
SUP_SL_24 6-8	257614018		
SUP_SL_24 8-10	257614019		
SUP_SL_24 10-12	257614020		
SUP_SL_24 12-14	257614021		
SUP_SL_25 6-8	257614027		
SUP_GW_7	257614045	70014	Method Blank. Qualified based on criteria 4.
Analyte:	Arsenic, Dissolved		
SUP_GW_7	257614045	70669	Method Blank. Qualified based on criteria 6.
Analyte:	Benzene		
SUP_SL_18 5-6	257614003	71512	Method Blank. Qualified based on criteria 4.
SUP_SL_18 8-10	257614005		
SUP_SL_18 10-12	257614006		
SUP_SL_18 14-16	257614008		
SUP_SL_19 5-6	257614010		
SUP_SL_19 6-8	257614011		
SUP_SL_19 10-12	257614013		
SUP_SL_19 12-14	257614014		
SUP_SL_24 6-8	257614018		
SUP_SL_24 8-10	257614019		
SUP_SL_24 10-12	257614020		
SUP_SL_24 12-14	257614021		
SUP_SL_25 6-8	257614027		
SUP_GW_7	257614045	70014	Method Blank. Qualified based on criteria 4.
Analyte:	Cadmium		
SUP_SL_24 5-6	257614017	70498	Method Blank. Qualified based on criteria 6.
SUP_SL_24 6-8	257614018		
SUP_SL_24 8-10	257614019		
SUP_SL_24 10-12	257614020		
SUP_SL_24 12-14	257614021		
SUP_SL_24 DUP	257614023		
SUP_SL_25 4-5	257614025		
SUP_SL_25 5-6	257614026		
SUP_SL_25 6-8	257614027		
SUP_SL_25 8-10	257614028		
SUP_SL_25 10-12	257614029		
SUP_SL_25 12-14	257614030		
SUP_SL_25 14-16	257614031		
Analyte:	Ethylbenzene		
SUP_SL_18 5-6	257614003	71512	Method Blank. Qualified based on criteria 4.
SUP_SL_18 8-10	257614005		
SUP_SL_18 10-12	257614006		
SUP_SL_18 14-16	257614008		
SUP_SL_24 10-12	257614020		
Analyte:	m&p-Xylene		
SUP_SL_18 5-6	257614003	71512	Method Blank. Qualified based on criteria 4.
SUP_SL_18 8-10	257614005		
SUP_SL_18 10-12	257614006		
SUP_SL_18 14-16	257614008		



SUP_SL_19 5-6	257614010		
SUP_SL_19 6-8	257614011		
SUP_SL_19 10-12	257614013		
SUP_SL_19 12-14	257614014		
SUP_SL_24 6-8	257614018		
SUP_SL_24 8-10	257614019		
SUP_SL_24 10-12	257614020		
SUP_SL_24 12-14	257614021		
SUP_SL_25 6-8	257614027		
SUP_GW_7	257614045	70014	Method Blank. Qualified based on criteria 4.
Analyte:	Methylene chloride		
SUP_SL_18 8-10	257614005	71512	Method Blank. Qualified based on criteria 4.
SUP_SL_18 10-12	257614006		
SUP_SL_18 14-16	257614008		
SUP_SL_19 5-6	257614010		
SUP_SL_19 6-8	257614011		
SUP_SL_19 10-12	257614013		
SUP_SL_19 12-14	257614014		
SUP_SL_24 6-8	257614018		
SUP_SL_24 8-10	257614019		
SUP_SL_24 10-12	257614020		
SUP_SL_24 12-14	257614021		
SUP_SL_25 6-8	257614027		
Analyte:	Naphthalene		
SUP_SL_18 5-6	257614003	71512	Method Blank. Qualified based on criteria 4.
SUP_SL_19 5-6	257614010		
SUP_SL_19 6-8	257614011		
SUP_SL_24 10-12	257614020		
SUP_GW_7	257614045	70014	Method Blank. Qualified based on criteria 4.
Analyte:	o-Xylene		
SUP_SL_18 8-10	257614005	71512	Method Blank. Qualified based on criteria 4.
SUP_SL_18 10-12	257614006		
SUP_SL_18 14-16	257614008		
SUP_SL_19 10-12	257614013		
SUP_SL_19 12-14	257614014		
SUP_SL_24 10-12	257614020		
Analyte:	Toluene		
SUP_SL_18 3-4	257614001	71331	Method Blank. Qualified based on criteria 4.
SUP_SL_18 4-5	257614002		
SUP_GW_7	257614045	70014	Method Blank. Qualified based on criteria 4.
SUP_SL_25 8-10	257614028	71884	Method Blank. Qualified based on criteria 6.
Analyte:	Xylene (Total)		
SUP_SL_18 5-6	257614003	71512	Method Blank. Qualified based on criteria 4.
SUP_SL_18 8-10	257614005		
SUP_SL_18 10-12	257614006		
SUP_SL_18 14-16	257614008		
SUP_SL_19 5-6	257614010		
SUP_SL_19 6-8	257614011		
SUP_SL_19 10-12	257614013		
SUP_SL_19 12-14	257614014		
SUP_SL_24 6-8	257614018		



SUP_SL_24 8-10	257614019		
SUP_SL_24 10-12	257614020		
SUP_SL_24 12-14	257614021		
SUP_SL_25 6-8	257614027		
SUP_GW_7	257614045	70014	Method Blank. Qualified based on criteria 4.

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one per 10 samples for method 8270 (solid and water). Method 8270 (water) did not have a MS/MSD prepared and analyzed. All other methods (6010, 7470/7471, and 8260) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD. No action was taken based on the evaluation of MS/MSDs.

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_18 3-4	257614001	70496	Arsenic	9070/-348	75-125	10	20	High/Low	Results not qualified based on criteria 2a.
SUP_SL_18 4-5	257614002								
SUP_SL_18 5-6	257614003								
SUP_SL_18 6-8	257614004								
SUP_SL_18 8-10	257614005		Cadmium	375/398	75-125	0.5	20	High	Results not qualified based on criteria 2a.
SUP_SL_18 10-12	257614006								
SUP_SL_18 12-14	257614007								
SUP_SL_18 14-16	257614008								
SUP_SL_19 5-6	257614010								
SUP_SL_19 6-8	257614011								
SUP_SL_19 8-10	257614012		Lead	18000/9810	75-125	41	20	High	Results not qualified based on criteria 2a.
SUP_SL_19 10-12	257614013								
SUP_SL_19 12-14	257614014								
SUP_SL_19 14-16	257614015								
SUP_GW_7	257614045	70683	Arsenic	2370/445	75-125	7	20	High	Results not qualified based on



									criteria 2a.
			Cadmium	75/35	75-125	4	20	Low	Results not qualified based on criteria 2a.
			Lead	4910/3080	75-125	4	20	High	Results not qualified based on criteria 2a.
SUP_GW_7	257614045	70671	Arsenic, Dissolved	128/196	75-125	2	20	High	Results not qualified based on criteria 2a.
SUP_SL_18 3-4 SUP_SL_18 4-5 SUP_SL_18 5-6 SUP_SL_18 6-8 SUP_SL_18 8-10 SUP_SL_18 10-12 SUP_SL_18 12-14 SUP_SL_18 14-16 SUP_SL_19 5-6 SUP_SL_19 6-8 SUP_SL_19 8-10 SUP_SL_19 10-12 SUP_SL_19 12-14 SUP_SL_19 14-16	257614001 257614002 257614003 257614004 257614005 257614006 257614007 257614008 257614010 257614011 257614012 257614013 257614014 257614015	70227	Mercury	-67/286	75-125	61	20	High /Low	Results not qualified based on criteria 2a.
SUP_GW_7	257614045	70016	Chloroform	125/124	75-124	0.2	30	High	Results not qualified based on 1a.
			Methylene chloride	65/64	69-124	2	30	Low	Results not qualified based on 1a.
			Tetrachloroethene	67/68	80-112	1	30	Low	Results not qualified based on 1a.
			Vinyl chloride	75/82	80-112	8	30	Low	Results not qualified based on 1a.
SUP_SL_18 3-4	257614001	71631	1,1,1,2-	69/66	71-	4	30	Low	Results



SUP_SL_18 4-5	257614002	Tetrachloroethane		116				not qualified based on 1a.
		1,1,1-Trichloroethane	72/64	68-122	11	30	Low	Results not qualified based on 1a.
		1,1,2,2-Tetrachloroethane	67/66	67-130	0.6	30	Low	Results not qualified based on 1a.
		1,1,2 Trichloroethane	67/60	70-117	11	30	Low	Results not qualified based on 1a.
		1,1,2-Trichlorotrifluoroethane	60/51	60-140	17	30	Low	Results not qualified based on 1a.
		1,1-Dichloroethane	60/53	71-123	13	30	Low	Results not qualified based on 1a.
		1,1-Dichloroethene	58/51	69-130	14	30	Low	Results not qualified based on 1a.
		1,1-Dichloropropene	53/46	71-129	14	30	Low	Results not qualified based on 1a.
		1,2,4-Trichlorobenzene	54/58	60-135	7	30	Low	Results not qualified based on 1a.
		1,2,4-Trimethylbenzene	51/52	62-131	4	30	Low	Results not qualified based on 1a.
1,2-Dibromoethane (EDB)	74/70	71-123	5	30	Low	Results not		



							qualified based on 1a.	
		1,2-Dichlorobenzene	59/61	69-116	3	30	Low	Results not qualified based on 1a.
		1,2-Dichloroethene (Total)	62/53	64-112	15	30	Low	Results not qualified based on 1a.
		1,2-Dichloropropane	58/54	68-116	7	30	Low	Results not qualified based on 1a.
		1,3,5-Trimethylbenzene	55/55	62-128	0.9	30	Low	Results not qualified based on 1a.
		1,3-Dichlorobenzene	55/56	68-115	3	30	Low	Results not qualified based on 1a.
		1,3-Dichloropropane	68/66	67-121	3	30	Low	Results not qualified based on 1a.
		1,4-Dichlorobenzene	56/57	68-116	2	30	Low	Results not qualified based on 1a.
		2,2-Dichloropropane	62/53	72-117	14	30	Low	Results not qualified based on 1a.
		2-Chlorotoluene	54/53	61-120	2	30	Low	Results not qualified based on 1a.
		4-Chlorotoluene	55/56	64-122	2	30	Low	Results not qualified



							based on 1a.
	Acetone	67/38	52-160	38	30	High /Low	Results not qualified based on 1a.
	Benzene	55/49	68-124	11	30	Low	Results not qualified based on 1a.
	Bromobenzene	60/61	68-120	2	30	Low	Results not qualified based on 1a.
	Bromochloromethane	71/64	78-114	11	30	Low	Results not qualified based on 1a.
	Bromodichloromethane	68/64	77-112	6	30	Low	Results not qualified based on 1a.
	Bromomethane	58/52	61-131	10	30	Low	Results not qualified based on 1a.
	Carbon tetrachloride	73/68	74-115	7	30	Low	Results not qualified based on 1a.
	Chlorobenzene	59/56	67-130	5	30	Low	Results not qualified based on 1a.
	Chloroethane	58/51	68-126	13	30	Low	Results not qualified based on 1a.
	Chloroform	68/62	72-113	8	30	Low	Results not qualified based on



							1a.	
		cis-1,2-Dichloroethene	62/54	70-120	14	30	Low	Results not qualified based on 1a.
		cis-1,3-Dichloropropene	56/51	75-125	8	30	Low	Results not qualified based on 1a.
		Dibromomethane	76/67	78-115	12	30	Low	Results not qualified based on 1a.
		Ethylbenzene	57/54	63-131	5	30	Low	Results not qualified based on 1a.
		Hexachloro-1,3-butadiene	57/59	62-127	3	30	Low	Results not qualified based on 1a.
		Isopropylbenzene (Cumene)	59/56	66-127	6	30	Low	Results not qualified based on 1a.
		m&p-Xylene	55/52	69-128	5	30	Low	Results not qualified based on 1a.
		n-Butylbenzene	46/48	62-126	4	30	Low	Results not qualified based on 1a.
		n-Propylbenzene	51/51	59-129	0.8	30	Low	Results not qualified based on 1a.
		o-Xylene	54/52	63-129	2	30	Low	Results not qualified based on 1a.



			p-Isopropyltoluene	53/54	65-134	2	30	Low	Results not qualified based on 1a.
			sec-Butylbenzene	52/52	62-131	0.8	30	Low	Results not qualified based on 1a.
			Styrene	56/53	68-129	6	30	Low	Results not qualified based on 1a.
			tert-Amylmethyl ether	75/66	74-125	11	30	Low	Results not qualified based on 1a.
			Tetrachloroethene	61/58	80-112	5	30	Low	Results not qualified based on 1a.
			Toluene	54/51	61-126	5	30	Low	Results not qualified based on 1a.
			trans-1,2-Dichloroethene	62/53	72-118	16	30	Low	Results not qualified based on 1a.
			Trichloroethene	59/52	80-112	13	30	Low	Results not qualified based on 1a.
			Trichlorofluoromethane	73/63	66-127	14	30	Low	Results not qualified based on 1a.
			Vinyl chloride	49/41	80-120	17	30	Low	Results not qualified based on 1a.
			Xylene (Total)	54/52	68-	4	30	Low	Results



					129				not qualified based on 1a.
SUP_SL_18 5-6	257614003	71775	1,1,1-Trichloroethane	124/117	68-122	5	30	High	Results not qualified based on 1a.
SUP_SL_18 8-10	257614005								
SUP_SL_18 10-12	257614006								
SUP_SL_18 14-16	257614008								
SUP_SL_19 5-6	257614010								
SUP_SL_19 6-8	257614011								
SUP_SL_19 10-12	257614013								
SUP_SL_19 12-14	257614014								
SUP_SL_24 6-8	257614018								
SUP_SL_24 8-10	257614019								
SUP_SL_24 10-12	257614020								
SUP_SL_24 12-14	257614021								
SUP_SL_25 6-8	257614027								
			1,2,3-Trichlorobenzene	58/48	59-128	19	30	Low	Results not qualified based on 1a.
			1,2,4-Trichlorobenzene	64/52	60-135	20	30	Low	Results not qualified based on 1a.
			1,2-Dichloroethene (Total)	120/117	64-112	2	30	High	Results not qualified based on 1a.
			2,2-Dichloropropane	129/122	72-117	5	30	High	Results not qualified based on 1a.
			Acetone	-53/-46	52-160	9	30	Low	Results not qualified based on 1a.
			Bromomethane	144/134	61-131	6	60	High	Results not qualified based on 1a.
			Carbon tetrachloride	126/117	74-115	6	30	High	Results not qualified based on 1a.
			Hexachloro-1,3-butadiene	63/48	62-127	26	30	Low	Results not qualified based on 1a.
			Tetrachloroethene	121/108	80-112	11	30	High	Results not



									qualified based on 1a.
			trans-1,2-Dichloroethene	126/121	72-118	4	30	High	Results not qualified based on 1a.
			Trichloroethene	115/110	80-112	4	30	High	Results not qualified based on 1a.
			Vinyl chloride	114/108	80-112	5	30	High	Results not qualified based on 1a.
SUP_SL_18 6-8 SUP_SL_18 12-14 SUP_SL_19 8-10 SUP_SL_19 14-16 SUP_SL_24 5-6 SUP_SL_24 14-16 SUP_SL_24 DUP SUP_SL_25 4-5 SUP_SL_25 5-6 SUP_SL_25 8-10 SUP_SL_25 10-12 SUP_SL_25 12-14 SUP_SL_25 14-16	257614004 257614007 257614012 257614015 257614017 257614022 257614023 257614025 257614026 257614028 257614029 257614030 257614031	71832	1,1,1-Trichloroethane	59/58	68-122	0.6	30	Low	Results not qualified based on 1a.
			1,1,2-Trichloroethane	74/66	70-117	10	30	Low	Results not qualified based on 1a.
			1,1,2-Trichlorotrifluoroethane	43/42	60-140	1	30	Low	Results not qualified based on 1a.
			1,1-Dichloroethane	58/54	71-123	4	30	Low	Results not qualified based on 1a.
			1,1,-Dichloroethene	46/45	69-130	1	30	Low	Results not qualified based on 1a.
			1,1-Dichloropropene	48/43	71-129	10	30	Low	Results not qualified based on 1a.
			1,2,4-Trimethylbenzene	67/59	62-131	10	30	Low	Results not qualified



							based on 1a.
		1,2-Dichloroethene (Total)	59/55	64-112	5	30	Low Results not qualified based on 1a.
		1,2-Dichloropropane	63/58	68-116	6	30	Low Results not qualified based on 1a.
		1,3-Dichlorobenzene	71/66	68-115	5	30	Low Results not qualified based on 1a.
		2,2-Dichloropropane	55/55	72-117	2	30	Low Results not qualified based on 1a.
		Benzene	56/53	68-124	4	30	Low Results not qualified based on 1a.
		Bromochloromethane	71/67	78-114	3	30	Low Results not qualified based on 1a.
		Bromodichloromethane	73/69	77-112	3	30	Low Results not qualified based on 1a.
		Bromomethane	46/50	61-131	10	30	Low Results not qualified based on 1a.
		Carbon tetrachloride	62/59	74-115	2	30	Low Results not qualified based on 1a.
		Chlorobenzene	70/64	67-130	6	30	Low Results not qualified based on



							1a.	
		Chloroethane	45/47	68-126	7	30	Low	Results not qualified based on 1a.
		Chloroform	69/64	72-113	5	30	Low	Results not qualified based on 1a.
		cis-1,2-Dichloroethene	62/58	70-120	4	30	Low	Results not qualified based on 1a.
		cis-1,3-Dichloropropene	59/55	72-125	6	30	Low	Results not qualified based on 1a.
		Dibromomethane	75/68	78-115	8	30	Low	Results not qualified based on 1a.
		Ethylbenzene	64/56	63-131	10	30	Low	Results not qualified based on 1a.
		Hexachloro-1,3-butadiene	60/59	62-127	0.3	30	Low	Results not qualified based on 1a.
		Isopropylbenzene (Cumene)	63/59	66-127	5	30	Low	Results not qualified based on 1a.
		m&p-Xylene	62/55	69-128	9	30	Low	Results not qualified based on 1a.
		Methylene chloride	48/45	46-150	4	30	Low	Results not qualified based on 1a.



			n-Butylbenzene	57/52	62-126	6	30	Low	Results not qualified based on 1a.
			n-Propylbenzene	64/57	59-129	10	30	Low	Results not qualified based on 1a.
			o-Xylene	63/57	63-129	8	30	Low	Results not qualified based on 1a.
			p-Isopropyltoluene	64/57	65-134	9	30	Low	Results not qualified based on 1a.
			sec-Butylbenzene	60/54	62-131	8	30	Low	Results not qualified based on 1a.
			Styrene	70/65	68-129	5	30	Low	Results not qualified based on 1a.
			tert-Amylmethyl ether	71/70	74-125	2	30	Low	Results not qualified based on 1a.
			Tetrachloroethene	63/56	80-112	9	30	Low	Results not qualified based on 1a.
			Toluene	61/52	61-126	13	30	Low	Results not qualified based on 1a.
			trans-1,2-Dichloroethene	56/51	72-118	6	30	Low	Results not qualified based on 1a.
			Trichloroethene	57/53	80-	5	30	Low	Results



					112				not qualified based on 1a.
			Trichlorofluoromethane	48/50	66-127	5	30	Low	Results not qualified based on 1a.
			Vinyl chloride	32/32	80-112	5	30	Low	Results not qualified based on 1a.
			Xylene (Total)	62/56	68-129	8	30	Low	Results not qualified based on 1a.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 6010, 8260, and one per 10 samples for method 8270. LCS/LCSDs were not required for method 7470.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).



iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_18 3-4 SUP_SL_18 4-5 SUP_SL_18 6-8	257614001 257614002 257614004	70514	Pentachlorophenol	39	40-119			Low	Qualified based on criteria 1c.
SUP_SL_18 8-10 SUP_SL_18 10-12 SUP_SL_18 12-14 SUP_SL_18 14-16 SUP_SL_19 5-6 SUP_SL_19 6-8 SUP_SL_19 8-10 SUP_SL_19 10-12 SUP_SL_19 12-14 SUP_SL_19 14-16 SUP_SL_24 5-6 SUP_SL_24 6-8 SUP_SL_24 8-10 SUP_SL_24 10-12 SUP_SL_24 12-14 SUP_SL_24 14-16 SUP_SL_24 DUP SUP_SL_25 4-5 SUP_SL_25 5-6 SUP_SL_25 6-8	257614005 257614006 257614007 257614008 257614010 257614011 257614012 257614013 257614014 257614015 257614017 257614018 257614019 257614020 257614021 257614022 257614023 257614025 257614026 257614027	70697	Pentachlorophenol	36	40-119			Low	Qualified based on criteria 1c.
SUP_GW_7	257614045	70015	Tetrachloroethene	59	80-112			Low	Based on the criteria above, results were not qualified.
SUP_SL_18 6-8 SUP_SL_18 12-14 SUP_SL_19 8-10 SUP_SL_19 14-16 SUP_SL_24 5-6 SUP_SL_24 14-16 SUP_SL_24 DUP SUP_SL_25 4-5 SUP_SL_25 5-6 SUP_SL_25 8-10 SUP_SL_25 10-12 SUP_SL_25 12-14 SUP_SL_25 14-16	257614004 257614007 257614012 257614015 257614017 257614022 257614023 257614025 257614026 257614028 257614029 257614030 257614031	71831	Tetrachloroethene	118	80-112			High	Based on the criteria above, results were not qualified

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 6010, 8260, 7470, 7471, and one every 10 samples for method 8270. Sample SUP_SL_24 DUP (257614023) was collected as a field duplicate and is associated with sample SUP_SL_24 6-8 (257614018).



Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_SL_24 DUP (Lab ID -257614023)	SUP_SL_24 6-8 (Lab ID – 257614018)		
Arsenic	144	177	mg/kg	21
Cadmium	3.2 J	4.3 J	mg/kg	29
Lead	89.1	82.1	mg/kg	8
Mercury	0.069 J	0.11 J	mg/kg	46
1,2,4-Trimethylbenzene	<1.1	0.95 J	ug/kg	15
2-Butanone (MEK)	<3.1	13.0 J	ug/kg	123
Acetone	<2.3	55.1	ug/kg	184
Benzene	<3.1	0.65 J	ug/kg	131
Methylene chloride	<5.4	12.6 J	ug/kg	80
Xylene (Total)	<1.5	2.3 J	ug/kg	42
m&p-Xylene	<1.5	1.8 J	ug/kg	18

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

On the chain-of-custody sample SUP_SL_29 12-14 (257614043) was listed as SUP_SL_29 20-14, the lab corrected the typo to SUP_SL_29 12-14. SUP_GW_7 (257614045) did not have a date and time on the chain-of-custody. Through email correspondence with the sampler a date of May 11, 2011 at 10:11 was given to the sample. Sample SUP_SL_29 2-4 (257614038) had conflicting time stamps between the chain-of-custody and the label on the sample. A time of 8:51 was given to the sample after correspondence with the sampler. The trip blanks were not listed on the chain-of-custody. They were correctly run for VOCs using method 8260, as required by the SAP & QAPP. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were used. The temperature of the delivery coolers were recorded at 7.9, 9.0, and 5.4 °C, the first two coolers exceeded the required temperature range. Since the samples were delivered on ice the same day of collection no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

The lab reported that the arsenic, cadmium, and lead results for sample SUP_SL_18 3-4 (257614001) had a serial dilution difference that was greater than 10%. Therefore, matrix interference is suspected for these results. An estimated qualifier (J) was assigned to these sample results.

The lab reported that the pentachlorophenol results for samples SUP_SL_29 2-4 (257614038) and SUP_SL_29 4-6 (257614039) could not be concentrated to the routine final volume, resulting in elevated reporting limits. No action was taken.



Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- One hundred twenty-eight (128) sample results were qualified (see Attachment 1).
- Three detected sample results were qualified as estimated (J) due to a laboratory noted qualifier.
- Twenty-three nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits.
- Fifteen detected sample results were qualified (B) and 23 detected sample results were qualified as nondetected (UB) due to method blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257614

Laboratory Results										Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification	
SUP_SL_18 3-4	257614001	EPA 6010	Soil	Arsenic	43.6	38100	mg/kg		J	Laboratory Noted Qualifier	
SUP_SL_18 3-4	257614001	EPA 6010	Soil	Cadmium	0.081	1190	mg/kg		J	Laboratory Noted Qualifier	
SUP_SL_18 3-4	257614001	EPA 6010	Soil	Lead	0.46	2980	mg/kg		J	Laboratory Noted Qualifier	
SUP_SL_18 3-4	257614001	EPA 8260	Soil	Toluene	0.58	0.66	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 3-4	257614001	EPA 8270	Soil	Pentachlorophenol	196	196	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_18 4-5	257614002	EPA 8260	Soil	Toluene	0.48	0.66	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 4-5	257614002	EPA 8270	Soil	Pentachlorophenol	180	180	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_18 5-6	257614003	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.2	2.1	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 5-6	257614003	EPA 8260	Soil	Benzene	0.35	1.2	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 5-6	257614003	EPA 8260	Soil	Ethylbenzene	0.90	0.93	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 5-6	257614003	EPA 8260	Soil	Naphthalene	1.3	1.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 5-6	257614003	EPA 8260	Soil	Xylene (Total)	1.8	3.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 5-6	257614003	EPA 8260	Soil	m&p-Xylene	1.8	3.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 6-8	257614004	EPA 8270	Soil	Pentachlorophenol	206	206	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_18 8-10	257614005	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.82	1.0	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 8-10	257614005	EPA 8260	Soil	Benzene	0.24	0.71	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 8-10	257614005	EPA 8260	Soil	Ethylbenzene	0.60	0.71	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 8-10	257614005	EPA 8260	Soil	Methylene chloride	4.2	10.4	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 8-10	257614005	EPA 8260	Soil	Xylene (Total)	1.2	3.2	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 8-10	257614005	EPA 8260	Soil	m&p-Xylene	1.2	2.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 8-10	257614005	EPA 8260	Soil	o-Xylene	0.51	0.67	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 8-10	257614005	EPA 8270	Soil	Pentachlorophenol	160	160	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_18 10-12	257614006	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.55	0.59	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 10-12	257614006	EPA 8260	Soil	Benzene	0.16	0.40	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 10-12	257614006	EPA 8260	Soil	Ethylbenzene	0.40	0.40	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 10-12	257614006	EPA 8260	Soil	Methylene chloride	2.8	8.2	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 10-12	257614006	EPA 8260	Soil	Xylene (Total)	0.79	1.9	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 10-12	257614006	EPA 8260	Soil	m&p-Xylene	0.79	1.5	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 10-12	257614006	EPA 8260	Soil	o-Xylene	0.34	0.36	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 10-12	257614006	EPA 8270	Soil	Pentachlorophenol	130	130	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_18 12-14	257614007	EPA 8270	Soil	Pentachlorophenol	129	129	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_18 14-16	257614008	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.61	0.82	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 14-16	257614008	EPA 8260	Soil	Benzene	0.18	0.45	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 14-16	257614008	EPA 8260	Soil	Ethylbenzene	0.44	0.53	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 14-16	257614008	EPA 8260	Soil	Methylene chloride	3.1	11.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 14-16	257614008	EPA 8260	Soil	Xylene (Total)	0.88	2.5	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 14-16	257614008	EPA 8260	Soil	m&p-Xylene	0.88	2.0	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 14-16	257614008	EPA 8260	Soil	o-Xylene	0.38	0.54	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_18 14-16	257614008	EPA 8270	Soil	Pentachlorophenol	121	121	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_19 5-6	257614010	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.3	1.8	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 5-6	257614010	EPA 8260	Soil	Benzene	0.39	1.3	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 5-6	257614010	EPA 8260	Soil	Methylene chloride	6.9	9.1	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 5-6	257614010	EPA 8260	Soil	Naphthalene	1.4	2.4	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 5-6	257614010	EPA 8260	Soil	Xylene (Total)	2.0	4.1	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 5-6	257614010	EPA 8260	Soil	m&p-Xylene	2.0	3.3	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 5-6	257614010	EPA 8270	Soil	Pentachlorophenol	240	240	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_19 6-8	257614011	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.2	1.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 6-8	257614011	EPA 8260	Soil	Benzene	0.34	0.93	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 6-8	257614011	EPA 8260	Soil	Methylene chloride	5.9	7.7	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 6-8	257614011	EPA 8260	Soil	Naphthalene	1.2	1.4	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 6-8	257614011	EPA 8260	Soil	Xylene (Total)	1.7	3.0	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 6-8	257614011	EPA 8260	Soil	m&p-Xylene	1.7	3.0	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 6-8	257614011	EPA 8270	Soil	Pentachlorophenol	190	190	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_19 8-10	257614012	EPA 8270	Soil	Pentachlorophenol	162	162	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_19 10-12	257614013	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.85	0.90	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 10-12	257614013	EPA 8260	Soil	Benzene	0.25	0.53	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 10-12	257614013	EPA 8260	Soil	Methylene chloride	4.3	12.2	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 10-12	257614013	EPA 8260	Soil	Xylene (Total)	1.2	2.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 10-12	257614013	EPA 8260	Soil	m&p-Xylene	1.2	2.0	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 10-12	257614013	EPA 8260	Soil	o-Xylene	0.53	0.55	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 10-12	257614013	EPA 8270	Soil	Pentachlorophenol	126	126	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_19 12-14	257614014	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.58	0.64	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 12-14	257614014	EPA 8260	Soil	Benzene	0.17	0.36	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 12-14	257614014	EPA 8260	Soil	Methylene chloride	3.0	5.2	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 12-14	257614014	EPA 8260	Soil	Xylene (Total)	0.85	1.8	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 12-14	257614014	EPA 8260	Soil	m&p-Xylene	0.85	1.4	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 12-14	257614014	EPA 8260	Soil	o-Xylene	0.37	0.37	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_19 12-14	257614014	EPA 8270	Soil	Pentachlorophenol	129	129	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_19 14-16	257614015	EPA 8270	Soil	Pentachlorophenol	128	128	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_24 5-6	257614017	EPA 6010	Soil	Cadmium	0.068	1.4	mg/kg	J	B	Method Blank Contamination	
SUP_SL_24 5-6	257614017	EPA 8270	Soil	Pentachlorophenol	149	149	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits	
SUP_SL_24 6-8	257614018	EPA 6010	Soil	Cadmium	0.078	4.3	mg/kg	J	B	Method Blank Contamination	
SUP_SL_24 6-8	257614018	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.85	0.95	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_24 6-8	257614018	EPA 8260	Soil	Benzene	0.25	0.65	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_24 6-8	257614018	EPA 8260	Soil	Methylene chloride	4.3	12.6	ug/kg	J	UB	Method Blank Contamination	
SUP_SL_24 6-8	257614018	EPA 8260	Soil	Xylene (Total)	1.2	2.3	ug/kg	J	UB	Method Blank Contamination	



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 257614

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_24_6-8	257614018	EPA 8260	Soil	m&p-Xylene	1.2	1.8	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_6-8	257614018	EPA 8270	Soil	Pentachlorophenol	194	194	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_24_8-10	257614019	EPA 6010	Soil	Cadmium	0.074	10.0	mg/kg		B	Method Blank Contamination
SUP_SL_24_8-10	257614019	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.99	1.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_8-10	257614019	EPA 8260	Soil	Benzene	0.29	0.68	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_8-10	257614019	EPA 8260	Soil	Methylene chloride	5.0	13.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_8-10	257614019	EPA 8260	Soil	Xylene (Total)	1.4	2.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_8-10	257614019	EPA 8260	Soil	m&p-Xylene	1.4	2.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_8-10	257614019	EPA 8270	Soil	Pentachlorophenol	191	191	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_24_10-12	257614020	EPA 6010	Soil	Cadmium	0.017	25.6	mg/kg		B	Method Blank Contamination
SUP_SL_24_10-12	257614020	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.1	1.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_10-12	257614020	EPA 8260	Soil	Benzene	0.30	1.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_10-12	257614020	EPA 8260	Soil	Ethylbenzene	0.77	0.79	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_10-12	257614020	EPA 8260	Soil	Methylene chloride	5.4	16.9	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_10-12	257614020	EPA 8260	Soil	Naphthalene	1.1	1.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_10-12	257614020	EPA 8260	Soil	Xylene (Total)	1.5	3.4	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_10-12	257614020	EPA 8260	Soil	m&p-Xylene	1.5	2.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_10-12	257614020	EPA 8260	Soil	o-Xylene	0.66	0.86	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_10-12	257614020	EPA 8270	Soil	Pentachlorophenol	176	176	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_24_12-14	257614021	EPA 6010	Soil	Cadmium	0.049	0.70	mg/kg	J	B	Method Blank Contamination
SUP_SL_24_12-14	257614021	EPA 8260	Soil	1,2,4-Trimethylbenzene	0.57	0.57	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_12-14	257614021	EPA 8260	Soil	Benzene	0.17	0.31	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_12-14	257614021	EPA 8260	Soil	Methylene chloride	2.9	9.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_12-14	257614021	EPA 8260	Soil	Xylene (Total)	0.83	1.6	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_12-14	257614021	EPA 8260	Soil	m&p-Xylene	0.83	1.2	ug/kg	J	UB	Method Blank Contamination
SUP_SL_24_12-14	257614021	EPA 8270	Soil	Pentachlorophenol	126	126	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_24_14-16	257614022	EPA 8270	Soil	Pentachlorophenol	117	117	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_24 Dup	257614023	EPA 6010	Soil	Cadmium	0.075	3.2	mg/kg	J	B	Method Blank Contamination
SUP_SL_24 Dup	257614023	EPA 8270	Soil	Pentachlorophenol	187	187	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_25 4-5	257614025	EPA 6010	Soil	Cadmium	0.065	78.4	mg/kg		B	Method Blank Contamination
SUP_SL_25 4-5	257614025	EPA 8270	Soil	Pentachlorophenol	165	165	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_25 5-6	257614026	EPA 6010	Soil	Cadmium	0.020	152	mg/kg		B	Method Blank Contamination
SUP_SL_25 5-6	257614026	EPA 8270	Soil	Pentachlorophenol	196	196	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_25 6-8	257614027	EPA 6010	Soil	Cadmium	0.099	102	mg/kg		B	Method Blank Contamination
SUP_SL_25 6-8	257614027	EPA 8260	Soil	1,2,4-Trimethylbenzene	1.0	1.5	ug/kg	J	UB	Method Blank Contamination
SUP_SL_25 6-8	257614027	EPA 8260	Soil	Benzene	0.29	0.90	ug/kg	J	UB	Method Blank Contamination
SUP_SL_25 6-8	257614027	EPA 8260	Soil	Methylene chloride	5.2	19.0	ug/kg	J	UB	Method Blank Contamination
SUP_SL_25 6-8	257614027	EPA 8260	Soil	Xylene (Total)	1.5	2.7	ug/kg	J	UB	Method Blank Contamination
SUP_SL_25 6-8	257614027	EPA 8260	Soil	m&p-Xylene	1.5	2.1	ug/kg	J	UB	Method Blank Contamination
SUP_SL_25 6-8	257614027	EPA 8270	Soil	Pentachlorophenol	196	196	ug/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_25 8-10	257614028	EPA 6010	Soil	Cadmium	0.072	27.4	mg/kg		B	Method Blank Contamination
SUP_SL_25 8-10	257614028	EPA 8260	Soil	Toluene	5.0	1170	ug/kg		B	Method Blank Contamination
SUP_SL_25 10-12	257614029	EPA 6010	Soil	Cadmium	0.055	12.1	mg/kg		B	Method Blank Contamination
SUP_SL_25 12-14	257614030	EPA 6010	Soil	Cadmium	0.012	5.7	mg/kg		B	Method Blank Contamination
SUP_SL_25 14-16	257614031	EPA 6010	Soil	Cadmium	0.047	3.2	mg/kg	J	B	Method Blank Contamination
SUP_GW_7	257614045	EPA 5030B/8260	Water	1,2,4-Trimethylbenzene	0.086	0.34	ug/L	J	UB	Method Blank Contamination
SUP_GW_7	257614045	EPA 5030B/8260	Water	Benzene	0.12	0.14	ug/L	J	UB	Method Blank Contamination
SUP_GW_7	257614045	EPA 5030B/8260	Water	Naphthalene	0.10	0.33	ug/L	J	UB	Method Blank Contamination
SUP_GW_7	257614045	EPA 5030B/8260	Water	Toluene	0.21	0.28	ug/L	J	UB	Method Blank Contamination
SUP_GW_7	257614045	EPA 5030B/8260	Water	Xylene (Total)	0.42	0.62	ug/L	J	UB	Method Blank Contamination
SUP_GW_7	257614045	EPA 5030B/8260	Water	m&p-Xylene	0.27	0.49	ug/L	J	UB	Method Blank Contamination
SUP_GW_7	257614045	EPA 6010	Water	Arsenic, Dissolved	0.0022	14.9	mg/L		B	Method Blank Contamination

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 257614

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on May 11, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the PQL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 257614

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon
Pace Project No.: 257614

Lab ID	Sample ID	Matrix	Date Collected	Date Received
257614001	SUP_SL_18 3-4	Solid	05/11/11 09:42	05/11/11 15:15
257614002	SUP_SL_18 4-5	Solid	05/11/11 09:44	05/11/11 15:15
257614003	SUP_SL_18 5-6	Solid	05/11/11 09:48	05/11/11 15:15
257614004	SUP_SL_18 6-8	Solid	05/11/11 09:52	05/11/11 15:15
257614005	SUP_SL_18 8-10	Solid	05/11/11 09:59	05/11/11 15:15
257614006	SUP_SL_18 10-12	Solid	05/11/11 10:02	05/11/11 15:15
257614007	SUP_SL_18 12-14	Solid	05/11/11 10:05	05/11/11 15:15
257614008	SUP_SL_18 14-16	Solid	05/11/11 10:09	05/11/11 15:15
257614009	Trip Blank 1	Solid	05/11/11 00:00	05/11/11 15:15
257614010	SUP_SL_19 5-6	Solid	05/11/11 11:30	05/11/11 15:15
257614011	SUP_SL_19 6-8	Solid	05/11/11 11:57	05/11/11 15:15
257614012	SUP_SL_19 8-10	Solid	05/11/11 11:42	05/11/11 15:15
257614013	SUP_SL_19 10-12	Solid	05/11/11 11:47	05/11/11 15:15
257614014	SUP_SL_19 12-14	Solid	05/11/11 11:52	05/11/11 15:15
257614015	SUP_SL_19 14-16	Solid	05/11/11 11:57	05/11/11 15:15
257614016	Trip Blank 2	Solid	05/11/11 00:00	05/11/11 15:15
257614017	SUP_SL_24 5-6	Solid	05/11/11 12:02	05/11/11 15:15
257614018	SUP_SL_24 6-8	Solid	05/11/11 12:06	05/11/11 15:15
257614019	SUP_SL_24 8-10	Solid	05/11/11 12:12	05/11/11 15:15
257614020	SUP_SL_24 10-12	Solid	05/11/11 12:18	05/11/11 15:15
257614021	SUP_SL_24 12-14	Solid	05/11/11 12:23	05/11/11 15:15
257614022	SUP_SL_24 14-16	Solid	05/11/11 12:30	05/11/11 15:15
257614023	SUP_SL_24 Dup	Solid	05/11/11 12:33	05/11/11 15:15
257614024	Trip Blank 3	Solid	05/11/11 00:00	05/11/11 15:15
257614025	SUP_SL_25 4-5	Solid	05/11/11 10:30	05/11/11 15:15
257614026	SUP_SL_25 5-6	Solid	05/11/11 10:35	05/11/11 15:15
257614027	SUP_SL_25 6-8	Solid	05/11/11 10:43	05/11/11 15:15
257614028	SUP_SL_25 8-10	Solid	05/11/11 10:45	05/11/11 15:15
257614029	SUP_SL_25 10-12	Solid	05/11/11 10:47	05/11/11 15:15
257614030	SUP_SL_25 12-14	Solid	05/11/11 10:50	05/11/11 15:15
257614031	SUP_SL_25 14-16	Solid	05/11/11 10:53	05/11/11 15:15
257614032	SUP_SL_28 4-6	Solid	05/11/11 08:29	05/11/11 15:15
257614033	SUP_SL_28 6-8	Solid	05/11/11 08:31	05/11/11 15:15
257614034	SUP_SL_28 8-10	Solid	05/11/11 08:33	05/11/11 15:15
257614035	SUP_SL_28 10-12	Solid	05/11/11 08:35	05/11/11 15:15
257614036	SUP_SL_28 12-14	Solid	05/11/11 08:36	05/11/11 15:15
257614037	SUP_SL_28 14-16	Solid	05/11/11 08:39	05/11/11 15:15

REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 257614

Lab ID	Sample ID	Matrix	Date Collected	Date Received
257614038	SUP_SL_29 2-4	Solid	05/11/11 08:51	05/11/11 15:15
257614039	SUP_SL_29 4-6	Solid	05/11/11 08:54	05/11/11 15:15
257614040	SUP_SL_29 6-8	Solid	05/11/11 08:56	05/11/11 15:15
257614041	SUP_SL_29 8-10	Solid	05/11/11 08:58	05/11/11 15:15
257614042	SUP_SL_29 10-12	Solid	05/11/11 09:06	05/11/11 15:15
257614043	SUP_SL_29 12-14	Solid	05/11/11 09:07	05/11/11 15:15
257614044	SUP_SL_29 14-16	Solid	05/11/11 09:11	05/11/11 15:15
257614045	SUP_GW_7	Water	05/11/11 10:11	05/11/11 15:15
257614046	Trip Blank - Water	Water	05/11/11 00:00	05/11/11 15:15
257614047	Level IV Package - 20%	Solid	05/11/11 00:00	05/11/11 15:15

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257614

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257614001	SUP_SL_18 3-4	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614002	SUP_SL_18 4-5	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	ATH	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614003	SUP_SL_18 5-6	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614004	SUP_SL_18 6-8	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614005	SUP_SL_18 8-10	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614006	SUP_SL_18 10-12	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614007	SUP_SL_18 12-14	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614008	SUP_SL_18 14-16	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257614

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614009	Trip Blank 1	EPA 8260	LPM	73	PASI-S
257614010	SUP_SL_19 5-6	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614011	SUP_SL_19 6-8	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614012	SUP_SL_19 8-10	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614013	SUP_SL_19 10-12	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614014	SUP_SL_19 12-14	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614015	SUP_SL_19 14-16	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614016	Trip Blank 2	EPA 8260	LPM	73	PASI-S
257614017	SUP_SL_24 5-6	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257614

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257614018	SUP_SL_24 6-8	EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
257614019	SUP_SL_24 8-10	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
257614020	SUP_SL_24 10-12	ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614021	SUP_SL_24 12-14	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
257614022	SUP_SL_24 14-16	EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
257614023	SUP_SL_24 Dup	EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
257614024	Trip Blank 3	EPA 8260	LPM	73	PASI-S
257614025	SUP_SL_25 4-5	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257614

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257614026	SUP_SL_25 5-6	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
257614027	SUP_SL_25 6-8	ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614028	SUP_SL_25 8-10	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LNH	5	PASI-S
		EPA 8260	LPM	72	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614029	SUP_SL_25 10-12	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
257614030	SUP_SL_25 12-14	EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
257614031	SUP_SL_25 14-16	EPA 8270	ERB	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270	ERB	2	PASI-S
257614032	SUP_SL_28 4-6	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614033	SUP_SL_28 6-8	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 8260	LPM	73	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 257614

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257614034	SUP_SL_28 8-10	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614035	SUP_SL_28 10-12	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614036	SUP_SL_28 12-14	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614037	SUP_SL_28 14-16	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614038	SUP_SL_29 2-4	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614039	SUP_SL_29 4-6	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614040	SUP_SL_29 6-8	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614041	SUP_SL_29 8-10	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614042	SUP_SL_29 10-12	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614043	SUP_SL_29 12-14	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614044	SUP_SL_29 14-16	EPA 8270	ERB	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
257614045	SUP_GW_7	EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	DMT	7	PASI-S
257614046	Trip Blank - Water	EPA 5030B/8260	LPM	71	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_18 3-4 Lab ID: 257614001 Collected: 05/11/11 09:42 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	38100	mg/kg	293	43.6	100	05/18/11 08:13	05/22/11 18:08	7440-38-2	2n
Cadmium	1190	mg/kg	7.3	0.081	5	05/18/11 08:13	05/20/11 16:47	7440-43-9	2n
Lead	2980	mg/kg	7.3	0.46	5	05/18/11 08:13	05/20/11 16:47	7439-92-1	2n
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	3.7	mg/kg	0.79	0.017	5	05/16/11 14:52	05/19/11 15:23	7439-97-6	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	618	196	1	05/18/11 10:40	05/20/11 19:22	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	76	%	26-135		1	05/18/11 10:40	05/20/11 19:22	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	0.28	1		05/23/11 15:17	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.7	0.35	1		05/23/11 15:17	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	0.53	1		05/23/11 15:17	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.7	0.53	1		05/23/11 15:17	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.7	0.76	1		05/23/11 15:17	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.7	0.45	1		05/23/11 15:17	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.7	0.70	1		05/23/11 15:17	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.7	0.66	1		05/23/11 15:17	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	0.53	1		05/23/11 15:17	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.7	0.65	1		05/23/11 15:17	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	0.46	1		05/23/11 15:17	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	0.98	1		05/23/11 15:17	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.5	0.74	1		05/23/11 15:17	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	0.40	1		05/23/11 15:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.7	0.47	1		05/23/11 15:17	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.7	0.42	1		05/23/11 15:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.4	0.70	1		05/23/11 15:17	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.7	0.34	1		05/23/11 15:17	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	0.60	1		05/23/11 15:17	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.7	0.36	1		05/23/11 15:17	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.7	0.53	1		05/23/11 15:17	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.7	0.45	1		05/23/11 15:17	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.7	0.35	1		05/23/11 15:17	594-20-7	
2-Butanone (MEK)	14.6J	ug/kg	18.9	2.9	1		05/23/11 15:17	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.7	0.60	1		05/23/11 15:17	95-49-8	
2-Hexanone	ND	ug/kg	18.9	0.68	1		05/23/11 15:17	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.7	0.50	1		05/23/11 15:17	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.9	0.58	1		05/23/11 15:17	108-10-1	
Acetone	63.2	ug/kg	18.9	2.1	1		05/23/11 15:17	67-64-1	
Benzene	ND	ug/kg	5.7	0.28	1		05/23/11 15:17	71-43-2	
Bromobenzene	ND	ug/kg	5.7	0.44	1		05/23/11 15:17	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	0.42	1		05/23/11 15:17	74-97-5	

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 11 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 3-4 Lab ID: 257614001 Collected: 05/11/11 09:42 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	5.7	0.22	1		05/23/11 15:17	75-27-4	
Bromoform	ND	ug/kg	5.7	0.44	1		05/23/11 15:17	75-25-2	
Bromomethane	ND	ug/kg	5.7	0.60	1		05/23/11 15:17	74-83-9	
Carbon disulfide	ND	ug/kg	5.7	0.53	1		05/23/11 15:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	0.34	1		05/23/11 15:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	0.35	1		05/23/11 15:17	108-90-7	
Chloroethane	ND	ug/kg	5.7	0.55	1		05/23/11 15:17	75-00-3	
Chloroform	ND	ug/kg	5.7	0.37	1		05/23/11 15:17	67-66-3	
Chloromethane	ND	ug/kg	5.7	0.39	1		05/23/11 15:17	74-87-3	
Dibromochloromethane	ND	ug/kg	5.7	0.19	1		05/23/11 15:17	124-48-1	
Dibromomethane	ND	ug/kg	5.7	0.39	1		05/23/11 15:17	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.7	0.79	1		05/23/11 15:17	75-71-8	
Ethylbenzene	ND	ug/kg	5.7	0.72	1		05/23/11 15:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.7	0.56	1		05/23/11 15:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	0.66	1		05/23/11 15:17	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.7	0.47	1		05/23/11 15:17	1634-04-4	
Methylene chloride	ND	ug/kg	18.9	5.0	1		05/23/11 15:17	75-09-2	
Naphthalene	ND	ug/kg	5.7	1.0	1		05/23/11 15:17	91-20-3	
Styrene	ND	ug/kg	5.7	0.54	1		05/23/11 15:17	100-42-5	
Tetrachloroethene	ND	ug/kg	5.7	0.72	1		05/23/11 15:17	127-18-4	
Toluene	0.66J	ug/kg	5.7	0.58	1		05/23/11 15:17	108-88-3	B
Trichloroethene	ND	ug/kg	5.7	0.40	1		05/23/11 15:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.7	0.43	1		05/23/11 15:17	75-69-4	
Vinyl chloride	ND	ug/kg	5.7	0.53	1		05/23/11 15:17	75-01-4	
Xylene (Total)	ND	ug/kg	17.0	1.4	1		05/23/11 15:17	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	0.40	1		05/23/11 15:17	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	0.25	1		05/23/11 15:17	10061-01-5	
m&p-Xylene	ND	ug/kg	11.4	1.4	1		05/23/11 15:17	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.7	0.87	1		05/23/11 15:17	104-51-8	
n-Propylbenzene	ND	ug/kg	5.7	0.67	1		05/23/11 15:17	103-65-1	
o-Xylene	ND	ug/kg	5.7	0.62	1		05/23/11 15:17	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.7	0.73	1		05/23/11 15:17	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.7	0.79	1		05/23/11 15:17	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.7	0.49	1		05/23/11 15:17	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.7	0.65	1		05/23/11 15:17	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	0.57	1		05/23/11 15:17	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	0.40	1		05/23/11 15:17	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		80-136		1		05/23/11 15:17	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/23/11 15:17	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/23/11 15:17	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		80-143		1		05/23/11 15:17	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	47.0 %	0.10	0.10	1	05/15/11 16:43
------------------	---------------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_18 4-5 Lab ID: 257614002 Collected: 05/11/11 09:44 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	25000	mg/kg	173	25.7	50	05/18/11 08:13	05/22/11 18:23	7440-38-2	
Cadmium	667	mg/kg	8.6	0.095	5	05/18/11 08:13	05/20/11 17:01	7440-43-9	
Lead	1570	mg/kg	8.6	0.54	5	05/18/11 08:13	05/20/11 17:01	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.88	mg/kg	0.11	0.0024	1	05/16/11 14:52	05/19/11 13:57	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	568	180	1	05/18/11 10:40	05/20/11 19:44	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	81	%	26-135		1	05/18/11 10:40	05/20/11 19:44	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	0.23	1		05/23/11 15:37	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.7	0.28	1		05/23/11 15:37	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	0.43	1		05/23/11 15:37	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.7	0.43	1		05/23/11 15:37	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	0.63	1		05/23/11 15:37	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.7	0.37	1		05/23/11 15:37	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.7	0.58	1		05/23/11 15:37	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.7	0.54	1		05/23/11 15:37	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	0.43	1		05/23/11 15:37	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.7	0.53	1		05/23/11 15:37	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	0.38	1		05/23/11 15:37	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	0.80	1		05/23/11 15:37	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.8	0.61	1		05/23/11 15:37	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	0.33	1		05/23/11 15:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	0.38	1		05/23/11 15:37	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.7	0.34	1		05/23/11 15:37	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.3	0.58	1		05/23/11 15:37	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.7	0.28	1		05/23/11 15:37	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	0.50	1		05/23/11 15:37	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.7	0.30	1		05/23/11 15:37	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.7	0.43	1		05/23/11 15:37	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.7	0.37	1		05/23/11 15:37	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.7	0.29	1		05/23/11 15:37	594-20-7	
2-Butanone (MEK)	12.4J	ug/kg	15.5	2.3	1		05/23/11 15:37	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.7	0.49	1		05/23/11 15:37	95-49-8	
2-Hexanone	ND	ug/kg	15.5	0.56	1		05/23/11 15:37	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.7	0.41	1		05/23/11 15:37	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.5	0.47	1		05/23/11 15:37	108-10-1	
Acetone	62.0	ug/kg	15.5	1.7	1		05/23/11 15:37	67-64-1	
Benzene	ND	ug/kg	4.7	0.23	1		05/23/11 15:37	71-43-2	
Bromobenzene	ND	ug/kg	4.7	0.36	1		05/23/11 15:37	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	0.34	1		05/23/11 15:37	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 4-5 Lab ID: 257614002 Collected: 05/11/11 09:44 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	4.7	0.18	1		05/23/11 15:37	75-27-4	
Bromoform	ND	ug/kg	4.7	0.36	1		05/23/11 15:37	75-25-2	
Bromomethane	ND	ug/kg	4.7	0.49	1		05/23/11 15:37	74-83-9	
Carbon disulfide	ND	ug/kg	4.7	0.43	1		05/23/11 15:37	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	0.28	1		05/23/11 15:37	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	0.28	1		05/23/11 15:37	108-90-7	
Chloroethane	ND	ug/kg	4.7	0.45	1		05/23/11 15:37	75-00-3	
Chloroform	ND	ug/kg	4.7	0.30	1		05/23/11 15:37	67-66-3	
Chloromethane	ND	ug/kg	4.7	0.32	1		05/23/11 15:37	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	0.16	1		05/23/11 15:37	124-48-1	
Dibromomethane	ND	ug/kg	4.7	0.32	1		05/23/11 15:37	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.7	0.65	1		05/23/11 15:37	75-71-8	
Ethylbenzene	ND	ug/kg	4.7	0.59	1		05/23/11 15:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	0.46	1		05/23/11 15:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	0.54	1		05/23/11 15:37	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.7	0.39	1		05/23/11 15:37	1634-04-4	
Methylene chloride	ND	ug/kg	15.5	4.1	1		05/23/11 15:37	75-09-2	
Naphthalene	ND	ug/kg	4.7	0.85	1		05/23/11 15:37	91-20-3	
Styrene	ND	ug/kg	4.7	0.45	1		05/23/11 15:37	100-42-5	
Tetrachloroethene	ND	ug/kg	4.7	0.59	1		05/23/11 15:37	127-18-4	
Toluene	0.66J	ug/kg	4.7	0.48	1		05/23/11 15:37	108-88-3	B
Trichloroethene	ND	ug/kg	4.7	0.33	1		05/23/11 15:37	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	0.36	1		05/23/11 15:37	75-69-4	
Vinyl chloride	ND	ug/kg	4.7	0.44	1		05/23/11 15:37	75-01-4	
Xylene (Total)	ND	ug/kg	14.0	1.2	1		05/23/11 15:37	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	0.32	1		05/23/11 15:37	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	0.20	1		05/23/11 15:37	10061-01-5	
m&p-Xylene	ND	ug/kg	9.3	1.2	1		05/23/11 15:37	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.7	0.71	1		05/23/11 15:37	104-51-8	
n-Propylbenzene	ND	ug/kg	4.7	0.55	1		05/23/11 15:37	103-65-1	
o-Xylene	ND	ug/kg	4.7	0.51	1		05/23/11 15:37	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.7	0.60	1		05/23/11 15:37	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.7	0.65	1		05/23/11 15:37	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.7	0.40	1		05/23/11 15:37	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.7	0.54	1		05/23/11 15:37	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	0.47	1		05/23/11 15:37	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	0.33	1		05/23/11 15:37	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/23/11 15:37	1868-53-7	
Toluene-d8 (S)	105 %		80-120		1		05/23/11 15:37	2037-26-5	
4-Bromofluorobenzene (S)	107 %		72-122		1		05/23/11 15:37	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		80-143		1		05/23/11 15:37	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	42.7 %		0.10	0.10	1		05/15/11 16:44		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_18 5-6 Lab ID: 257614003 Collected: 05/11/11 09:48 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	28300	mg/kg	390	58.1	100	05/18/11 08:13	05/22/11 18:26	7440-38-2	
Cadmium	786	mg/kg	9.8	0.11	5	05/18/11 08:13	05/20/11 17:04	7440-43-9	
Lead	122	mg/kg	2.0	0.12	1	05/18/11 08:13	05/20/11 19:20	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.20	mg/kg	0.15	0.0032	1	05/16/11 14:52	05/19/11 13:59	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	680	216	1	05/20/11 15:15	05/24/11 14:39	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	90	%	26-135		1	05/20/11 15:15	05/24/11 14:39	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.1	0.35	1		05/24/11 12:15	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.1	0.43	1		05/24/11 12:15	71-55-6	M1
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.1	0.66	1		05/24/11 12:15	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.1	0.66	1		05/24/11 12:15	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.1	0.95	1		05/24/11 12:15	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.1	0.56	1		05/24/11 12:15	75-34-3	
1,1-Dichloroethene	ND	ug/kg	7.1	0.88	1		05/24/11 12:15	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.1	0.82	1		05/24/11 12:15	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.1	0.66	1		05/24/11 12:15	87-61-6	M1
1,2,3-Trichloropropane	ND	ug/kg	7.1	0.81	1		05/24/11 12:15	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.1	0.57	1		05/24/11 12:15	120-82-1	M1
1,2,4-Trimethylbenzene	2.1J	ug/kg	7.1	1.2	1		05/24/11 12:15	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.8	0.92	1		05/24/11 12:15	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.1	0.50	1		05/24/11 12:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.1	0.58	1		05/24/11 12:15	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.1	0.52	1		05/24/11 12:15	107-06-2	
1,2-Dichloroethene (Total)	1.2J	ug/kg	14.2	0.88	1		05/24/11 12:15	540-59-0	M1
1,2-Dichloropropane	ND	ug/kg	7.1	0.43	1		05/24/11 12:15	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.1	0.75	1		05/24/11 12:15	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.1	0.45	1		05/24/11 12:15	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.1	0.66	1		05/24/11 12:15	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.1	0.57	1		05/24/11 12:15	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.1	0.44	1		05/24/11 12:15	594-20-7	M1
2-Butanone (MEK)	28.8	ug/kg	23.6	3.6	1		05/24/11 12:15	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.1	0.74	1		05/24/11 12:15	95-49-8	
2-Hexanone	ND	ug/kg	23.6	0.85	1		05/24/11 12:15	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.1	0.63	1		05/24/11 12:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.6	0.72	1		05/24/11 12:15	108-10-1	
Acetone	138	ug/kg	23.6	2.6	1		05/24/11 12:15	67-64-1	M1
Benzene	1.2J	ug/kg	7.1	0.35	1		05/24/11 12:15	71-43-2	B
Bromobenzene	ND	ug/kg	7.1	0.55	1		05/24/11 12:15	108-86-1	
Bromochloromethane	ND	ug/kg	7.1	0.52	1		05/24/11 12:15	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 5-6 Lab ID: 257614003 Collected: 05/11/11 09:48 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
Bromodichloromethane	ND	ug/kg	7.1	0.28	1		05/24/11 12:15	75-27-4	
Bromoform	ND	ug/kg	7.1	0.55	1		05/24/11 12:15	75-25-2	
Bromomethane	ND	ug/kg	7.1	0.75	1		05/24/11 12:15	74-83-9	M1
Carbon disulfide	3.8J	ug/kg	7.1	0.66	1		05/24/11 12:15	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.1	0.43	1		05/24/11 12:15	56-23-5	M1
Chlorobenzene	ND	ug/kg	7.1	0.43	1		05/24/11 12:15	108-90-7	
Chloroethane	ND	ug/kg	7.1	0.68	1		05/24/11 12:15	75-00-3	
Chloroform	ND	ug/kg	7.1	0.46	1		05/24/11 12:15	67-66-3	
Chloromethane	ND	ug/kg	7.1	0.49	1		05/24/11 12:15	74-87-3	
Dibromochloromethane	ND	ug/kg	7.1	0.24	1		05/24/11 12:15	124-48-1	
Dibromomethane	ND	ug/kg	7.1	0.49	1		05/24/11 12:15	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.1	0.98	1		05/24/11 12:15	75-71-8	
Ethylbenzene	0.93J	ug/kg	7.1	0.90	1		05/24/11 12:15	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	7.1	0.70	1		05/24/11 12:15	87-68-3	M1
Isopropylbenzene (Cumene)	ND	ug/kg	7.1	0.82	1		05/24/11 12:15	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.1	0.59	1		05/24/11 12:15	1634-04-4	
Methylene chloride	ND	ug/kg	23.6	6.2	1		05/24/11 12:15	75-09-2	
Naphthalene	1.6J	ug/kg	7.1	1.3	1		05/24/11 12:15	91-20-3	B
Styrene	ND	ug/kg	7.1	0.68	1		05/24/11 12:15	100-42-5	
Tetrachloroethene	ND	ug/kg	7.1	0.90	1		05/24/11 12:15	127-18-4	
Toluene	ND	ug/kg	7.1	0.73	1		05/24/11 12:15	108-88-3	
Trichloroethene	1.0J	ug/kg	7.1	0.50	1		05/24/11 12:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.1	0.54	1		05/24/11 12:15	75-69-4	
Vinyl chloride	ND	ug/kg	7.1	0.66	1		05/24/11 12:15	75-01-4	
Xylene (Total)	3.6J	ug/kg	21.3	1.8	1		05/24/11 12:15	1330-20-7	B
cis-1,2-Dichloroethene	1.2J	ug/kg	7.1	0.49	1		05/24/11 12:15	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.1	0.31	1		05/24/11 12:15	10061-01-5	
m&p-Xylene	3.6J	ug/kg	14.2	1.8	1		05/24/11 12:15	179601-23-1	B
n-Butylbenzene	ND	ug/kg	7.1	1.1	1		05/24/11 12:15	104-51-8	
n-Propylbenzene	ND	ug/kg	7.1	0.83	1		05/24/11 12:15	103-65-1	
o-Xylene	ND	ug/kg	7.1	0.77	1		05/24/11 12:15	95-47-6	
p-Isopropyltoluene	ND	ug/kg	7.1	0.91	1		05/24/11 12:15	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.1	0.99	1		05/24/11 12:15	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.1	0.61	1		05/24/11 12:15	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.1	0.81	1		05/24/11 12:15	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.1	0.71	1		05/24/11 12:15	156-60-5	M1
trans-1,3-Dichloropropene	ND	ug/kg	7.1	0.50	1		05/24/11 12:15	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/24/11 12:15	1868-53-7	
Toluene-d8 (S)	102 %		80-120		1		05/24/11 12:15	2037-26-5	
4-Bromofluorobenzene (S)	107 %		72-122		1		05/24/11 12:15	460-00-4	
1,2-Dichloroethane-d4 (S)	96 %		80-143		1		05/24/11 12:15	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	52.1 %	0.10	0.10	1	05/15/11 16:45
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 6-8 Lab ID: 257614004 Collected: 05/11/11 09:52 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	22300	mg/kg	300	44.7	100	05/18/11 08:13	05/22/11 18:29	7440-38-2	
Cadmium	789	mg/kg	7.5	0.083	5	05/18/11 08:13	05/20/11 17:07	7440-43-9	
Lead	31.9	mg/kg	1.5	0.095	1	05/18/11 08:13	05/20/11 19:23	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.087J	mg/kg	0.19	0.0041	1	05/16/11 14:52	05/19/11 14:01	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	652	206	1	05/18/11 10:40	05/20/11 20:07	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	76	%	26-135		1	05/18/11 10:40	05/20/11 20:07	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.7	0.33	1		05/25/11 16:12	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.7	0.41	1		05/25/11 16:12	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.7	0.62	1		05/25/11 16:12	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.7	0.62	1		05/25/11 16:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.7	0.90	1		05/25/11 16:12	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.7	0.53	1		05/25/11 16:12	75-34-3	
1,1-Dichloroethene	ND	ug/kg	6.7	0.83	1		05/25/11 16:12	75-35-4	
1,1-Dichloropropene	ND	ug/kg	6.7	0.78	1		05/25/11 16:12	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.7	0.62	1		05/25/11 16:12	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	6.7	0.77	1		05/25/11 16:12	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	6.7	0.54	1		05/25/11 16:12	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	6.7	1.2	1		05/25/11 16:12	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.2	0.87	1		05/25/11 16:12	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.7	0.47	1		05/25/11 16:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.7	0.55	1		05/25/11 16:12	95-50-1	
1,2-Dichloroethane	ND	ug/kg	6.7	0.50	1		05/25/11 16:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	13.4	0.83	1		05/25/11 16:12	540-59-0	
1,2-Dichloropropane	ND	ug/kg	6.7	0.41	1		05/25/11 16:12	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	6.7	0.71	1		05/25/11 16:12	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	6.7	0.43	1		05/25/11 16:12	541-73-1	
1,3-Dichloropropane	ND	ug/kg	6.7	0.62	1		05/25/11 16:12	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	6.7	0.54	1		05/25/11 16:12	106-46-7	
2,2-Dichloropropane	ND	ug/kg	6.7	0.42	1		05/25/11 16:12	594-20-7	
2-Butanone (MEK)	ND	ug/kg	22.4	3.4	1		05/25/11 16:12	78-93-3	
2-Chlorotoluene	ND	ug/kg	6.7	0.70	1		05/25/11 16:12	95-49-8	
2-Hexanone	ND	ug/kg	22.4	0.80	1		05/25/11 16:12	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.7	0.60	1		05/25/11 16:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.4	0.68	1		05/25/11 16:12	108-10-1	
Acetone	24.3	ug/kg	22.4	2.5	1		05/25/11 16:12	67-64-1	
Benzene	ND	ug/kg	6.7	0.34	1		05/25/11 16:12	71-43-2	
Bromobenzene	ND	ug/kg	6.7	0.52	1		05/25/11 16:12	108-86-1	
Bromochloromethane	ND	ug/kg	6.7	0.49	1		05/25/11 16:12	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 6-8 Lab ID: 257614004 Collected: 05/11/11 09:52 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	6.7	0.26	1		05/25/11 16:12	75-27-4	
Bromoform	ND	ug/kg	6.7	0.52	1		05/25/11 16:12	75-25-2	
Bromomethane	ND	ug/kg	6.7	0.71	1		05/25/11 16:12	74-83-9	
Carbon disulfide	ND	ug/kg	6.7	0.62	1		05/25/11 16:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.7	0.41	1		05/25/11 16:12	56-23-5	
Chlorobenzene	ND	ug/kg	6.7	0.41	1		05/25/11 16:12	108-90-7	
Chloroethane	ND	ug/kg	6.7	0.65	1		05/25/11 16:12	75-00-3	
Chloroform	ND	ug/kg	6.7	0.44	1		05/25/11 16:12	67-66-3	
Chloromethane	ND	ug/kg	6.7	0.46	1		05/25/11 16:12	74-87-3	
Dibromochloromethane	ND	ug/kg	6.7	0.23	1		05/25/11 16:12	124-48-1	
Dibromomethane	ND	ug/kg	6.7	0.47	1		05/25/11 16:12	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.7	0.93	1		05/25/11 16:12	75-71-8	
Ethylbenzene	ND	ug/kg	6.7	0.85	1		05/25/11 16:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.7	0.66	1		05/25/11 16:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.7	0.78	1		05/25/11 16:12	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.7	0.56	1		05/25/11 16:12	1634-04-4	
Methylene chloride	ND	ug/kg	22.4	5.9	1		05/25/11 16:12	75-09-2	
Naphthalene	ND	ug/kg	6.7	1.2	1		05/25/11 16:12	91-20-3	
Styrene	ND	ug/kg	6.7	0.64	1		05/25/11 16:12	100-42-5	
Tetrachloroethene	ND	ug/kg	6.7	0.86	1		05/25/11 16:12	127-18-4	
Toluene	ND	ug/kg	6.7	0.69	1		05/25/11 16:12	108-88-3	
Trichloroethene	ND	ug/kg	6.7	0.47	1		05/25/11 16:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.7	0.51	1		05/25/11 16:12	75-69-4	
Vinyl chloride	ND	ug/kg	6.7	0.63	1		05/25/11 16:12	75-01-4	
Xylene (Total)	ND	ug/kg	20.1	1.7	1		05/25/11 16:12	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	6.7	0.47	1		05/25/11 16:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.7	0.29	1		05/25/11 16:12	10061-01-5	
m&p-Xylene	ND	ug/kg	13.4	1.7	1		05/25/11 16:12	179601-23-1	
n-Butylbenzene	ND	ug/kg	6.7	1.0	1		05/25/11 16:12	104-51-8	
n-Propylbenzene	ND	ug/kg	6.7	0.79	1		05/25/11 16:12	103-65-1	
o-Xylene	ND	ug/kg	6.7	0.73	1		05/25/11 16:12	95-47-6	
p-Isopropyltoluene	ND	ug/kg	6.7	0.86	1		05/25/11 16:12	99-87-6	
sec-Butylbenzene	ND	ug/kg	6.7	0.94	1		05/25/11 16:12	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	6.7	0.58	1		05/25/11 16:12	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.7	0.77	1		05/25/11 16:12	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	6.7	0.67	1		05/25/11 16:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.7	0.47	1		05/25/11 16:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	111 %		80-136		1		05/25/11 16:12	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/25/11 16:12	2037-26-5	
4-Bromofluorobenzene (S)	106 %		72-122		1		05/25/11 16:12	460-00-4	
1,2-Dichloroethane-d4 (S)	131 %		80-143		1		05/25/11 16:12	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	50.2 %	0.10	0.10	1	05/15/11 16:46
------------------	---------------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 8-10 Lab ID: 257614005 Collected: 05/11/11 09:59 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	8320	mg/kg	61.7	9.2	25	05/18/11 08:13	05/22/11 18:32	7440-38-2	
Cadmium	240	mg/kg	6.2	0.068	5	05/18/11 08:13	05/20/11 17:16	7440-43-9	
Lead	13.5	mg/kg	1.2	0.078	1	05/18/11 08:13	05/20/11 19:26	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.044J	mg/kg	0.093	0.0020	1	05/16/11 14:52	05/19/11 14:04	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	505	160	1	05/19/11 11:00	05/22/11 21:43	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	89	%	26-135		1	05/19/11 11:00	05/22/11 21:43	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	0.23	1		05/24/11 12:49	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.7	0.29	1		05/24/11 12:49	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	0.44	1		05/24/11 12:49	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.7	0.44	1		05/24/11 12:49	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	0.64	1		05/24/11 12:49	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.7	0.37	1		05/24/11 12:49	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.7	0.58	1		05/24/11 12:49	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.7	0.55	1		05/24/11 12:49	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	0.44	1		05/24/11 12:49	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.7	0.54	1		05/24/11 12:49	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	0.38	1		05/24/11 12:49	120-82-1	
1,2,4-Trimethylbenzene	1.0J	ug/kg	4.7	0.82	1		05/24/11 12:49	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.9	0.61	1		05/24/11 12:49	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	0.33	1		05/24/11 12:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	0.39	1		05/24/11 12:49	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.7	0.35	1		05/24/11 12:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.5	0.58	1		05/24/11 12:49	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.7	0.29	1		05/24/11 12:49	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	0.50	1		05/24/11 12:49	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.7	0.30	1		05/24/11 12:49	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.7	0.44	1		05/24/11 12:49	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.7	0.38	1		05/24/11 12:49	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.7	0.29	1		05/24/11 12:49	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.8	2.4	1		05/24/11 12:49	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.7	0.50	1		05/24/11 12:49	95-49-8	
2-Hexanone	ND	ug/kg	15.8	0.57	1		05/24/11 12:49	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.7	0.42	1		05/24/11 12:49	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.8	0.48	1		05/24/11 12:49	108-10-1	
Acetone	169	ug/kg	15.8	1.7	1		05/24/11 12:49	67-64-1	
Benzene	0.71J	ug/kg	4.7	0.24	1		05/24/11 12:49	71-43-2	B
Bromobenzene	ND	ug/kg	4.7	0.37	1		05/24/11 12:49	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	0.35	1		05/24/11 12:49	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 8-10 Lab ID: 257614005 Collected: 05/11/11 09:59 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	4.7	0.19	1		05/24/11 12:49	75-27-4	
Bromoform	ND	ug/kg	4.7	0.37	1		05/24/11 12:49	75-25-2	
Bromomethane	ND	ug/kg	4.7	0.50	1		05/24/11 12:49	74-83-9	
Carbon disulfide	ND	ug/kg	4.7	0.44	1		05/24/11 12:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	0.29	1		05/24/11 12:49	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	0.29	1		05/24/11 12:49	108-90-7	
Chloroethane	ND	ug/kg	4.7	0.46	1		05/24/11 12:49	75-00-3	
Chloroform	ND	ug/kg	4.7	0.31	1		05/24/11 12:49	67-66-3	
Chloromethane	ND	ug/kg	4.7	0.32	1		05/24/11 12:49	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	0.16	1		05/24/11 12:49	124-48-1	
Dibromomethane	ND	ug/kg	4.7	0.33	1		05/24/11 12:49	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.7	0.66	1		05/24/11 12:49	75-71-8	
Ethylbenzene	0.71J	ug/kg	4.7	0.60	1		05/24/11 12:49	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	0.47	1		05/24/11 12:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	0.55	1		05/24/11 12:49	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.7	0.39	1		05/24/11 12:49	1634-04-4	
Methylene chloride	10.4J	ug/kg	15.8	4.2	1		05/24/11 12:49	75-09-2	B
Naphthalene	ND	ug/kg	4.7	0.86	1		05/24/11 12:49	91-20-3	
Styrene	ND	ug/kg	4.7	0.45	1		05/24/11 12:49	100-42-5	
Tetrachloroethene	ND	ug/kg	4.7	0.60	1		05/24/11 12:49	127-18-4	
Toluene	ND	ug/kg	4.7	0.49	1		05/24/11 12:49	108-88-3	
Trichloroethene	ND	ug/kg	4.7	0.33	1		05/24/11 12:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	0.36	1		05/24/11 12:49	75-69-4	
Vinyl chloride	ND	ug/kg	4.7	0.44	1		05/24/11 12:49	75-01-4	
Xylene (Total)	3.2J	ug/kg	14.2	1.2	1		05/24/11 12:49	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.7	0.33	1		05/24/11 12:49	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	0.21	1		05/24/11 12:49	10061-01-5	
m&p-Xylene	2.6J	ug/kg	9.5	1.2	1		05/24/11 12:49	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.7	0.72	1		05/24/11 12:49	104-51-8	
n-Propylbenzene	ND	ug/kg	4.7	0.56	1		05/24/11 12:49	103-65-1	
o-Xylene	0.67J	ug/kg	4.7	0.51	1		05/24/11 12:49	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.7	0.61	1		05/24/11 12:49	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.7	0.66	1		05/24/11 12:49	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.7	0.41	1		05/24/11 12:49	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.7	0.54	1		05/24/11 12:49	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	0.47	1		05/24/11 12:49	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	0.33	1		05/24/11 12:49	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/24/11 12:49	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/24/11 12:49	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/24/11 12:49	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		80-143		1		05/24/11 12:49	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	35.1 %	0.10	0.10	1	05/15/11 16:46
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_18 10-12 Lab ID: 257614006 Collected: 05/11/11 10:02 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2080	mg/kg	8.9	1.3	5	05/18/11 08:13	05/20/11 17:19	7440-38-2	
Cadmium	55.5	mg/kg	4.5	0.049	5	05/18/11 08:13	05/20/11 17:19	7440-43-9	
Lead	13.2	mg/kg	0.89	0.056	1	05/18/11 08:13	05/20/11 19:29	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.015J	mg/kg	0.098	0.0021	1	05/16/11 14:52	05/19/11 14:10	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	411	130	1	05/19/11 11:00	05/22/11 22:06	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	85	%	26-135		1	05/19/11 11:00	05/22/11 22:06	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.15	1		05/24/11 13:06	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.19	1		05/24/11 13:06	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.29	1		05/24/11 13:06	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.29	1		05/24/11 13:06	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.43	1		05/24/11 13:06	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.25	1		05/24/11 13:06	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.39	1		05/24/11 13:06	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.2	0.37	1		05/24/11 13:06	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.29	1		05/24/11 13:06	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.36	1		05/24/11 13:06	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		05/24/11 13:06	120-82-1	
1,2,4-Trimethylbenzene	0.59J	ug/kg	3.2	0.55	1		05/24/11 13:06	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	0.41	1		05/24/11 13:06	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.22	1		05/24/11 13:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		05/24/11 13:06	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.23	1		05/24/11 13:06	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.3	0.39	1		05/24/11 13:06	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.19	1		05/24/11 13:06	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		05/24/11 13:06	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.20	1		05/24/11 13:06	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.29	1		05/24/11 13:06	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.25	1		05/24/11 13:06	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		05/24/11 13:06	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.6	1.6	1		05/24/11 13:06	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.33	1		05/24/11 13:06	95-49-8	
2-Hexanone	ND	ug/kg	10.6	0.38	1		05/24/11 13:06	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.28	1		05/24/11 13:06	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.6	0.32	1		05/24/11 13:06	108-10-1	
Acetone	ND	ug/kg	10.6	1.2	1		05/24/11 13:06	67-64-1	
Benzene	0.40J	ug/kg	3.2	0.16	1		05/24/11 13:06	71-43-2	B
Bromobenzene	ND	ug/kg	3.2	0.25	1		05/24/11 13:06	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.23	1		05/24/11 13:06	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 10-12 Lab ID: 257614006 Collected: 05/11/11 10:02 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.2	0.12	1		05/24/11 13:06	75-27-4	
Bromoform	ND	ug/kg	3.2	0.24	1		05/24/11 13:06	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		05/24/11 13:06	74-83-9	
Carbon disulfide	ND	ug/kg	3.2	0.29	1		05/24/11 13:06	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.2	0.19	1		05/24/11 13:06	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.19	1		05/24/11 13:06	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.31	1		05/24/11 13:06	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		05/24/11 13:06	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		05/24/11 13:06	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		05/24/11 13:06	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.22	1		05/24/11 13:06	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.44	1		05/24/11 13:06	75-71-8	
Ethylbenzene	0.40J	ug/kg	3.2	0.40	1		05/24/11 13:06	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.31	1		05/24/11 13:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		05/24/11 13:06	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.26	1		05/24/11 13:06	1634-04-4	
Methylene chloride	8.2J	ug/kg	10.6	2.8	1		05/24/11 13:06	75-09-2	B
Naphthalene	ND	ug/kg	3.2	0.58	1		05/24/11 13:06	91-20-3	
Styrene	ND	ug/kg	3.2	0.30	1		05/24/11 13:06	100-42-5	
Tetrachloroethene	ND	ug/kg	3.2	0.40	1		05/24/11 13:06	127-18-4	
Toluene	ND	ug/kg	3.2	0.33	1		05/24/11 13:06	108-88-3	
Trichloroethene	ND	ug/kg	3.2	0.22	1		05/24/11 13:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.24	1		05/24/11 13:06	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		05/24/11 13:06	75-01-4	
Xylene (Total)	1.9J	ug/kg	9.5	0.79	1		05/24/11 13:06	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.22	1		05/24/11 13:06	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		05/24/11 13:06	10061-01-5	
m&p-Xylene	1.5J	ug/kg	6.3	0.79	1		05/24/11 13:06	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.2	0.48	1		05/24/11 13:06	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.37	1		05/24/11 13:06	103-65-1	
o-Xylene	0.36J	ug/kg	3.2	0.34	1		05/24/11 13:06	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.2	0.41	1		05/24/11 13:06	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.44	1		05/24/11 13:06	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.27	1		05/24/11 13:06	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.36	1		05/24/11 13:06	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		05/24/11 13:06	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.22	1		05/24/11 13:06	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/24/11 13:06	1868-53-7	
Toluene-d8 (S)	96 %		80-120		1		05/24/11 13:06	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/24/11 13:06	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/24/11 13:06	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	21.7 %	0.10	0.10	1	05/15/11 16:47
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_18 12-14 Lab ID: 257614007 Collected: 05/11/11 10:05 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	224	mg/kg	2.1	0.32	1	05/18/11 08:13	05/20/11 19:38	7440-38-2	
Cadmium	6.0	mg/kg	1.1	0.012	1	05/18/11 08:13	05/20/11 19:38	7440-43-9	
Lead	2.7	mg/kg	1.1	0.068	1	05/18/11 08:13	05/20/11 19:38	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	ND	mg/kg	0.12	0.0026	1	05/16/11 14:52	05/19/11 14:12	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	407	129	1	05/19/11 11:00	05/22/11 22:29	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	86	%	26-135		1	05/19/11 11:00	05/22/11 22:29	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		05/25/11 12:34	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.22	1		05/25/11 12:34	71-55-6	M1
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.33	1		05/25/11 12:34	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.33	1		05/25/11 12:34	79-00-5	M1
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		05/25/11 12:34	76-13-1	M1
1,1-Dichloroethane	ND	ug/kg	3.5	0.28	1		05/25/11 12:34	75-34-3	M1
1,1-Dichloroethene	ND	ug/kg	3.5	0.44	1		05/25/11 12:34	75-35-4	M1
1,1-Dichloropropene	ND	ug/kg	3.5	0.41	1		05/25/11 12:34	563-58-6	M1
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.33	1		05/25/11 12:34	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		05/25/11 12:34	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.29	1		05/25/11 12:34	120-82-1	
1,2,4-Trimethylbenzene	1.0J	ug/kg	3.5	0.61	1		05/25/11 12:34	95-63-6	M1
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	0.46	1		05/25/11 12:34	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.25	1		05/25/11 12:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		05/25/11 12:34	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		05/25/11 12:34	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.1	0.44	1		05/25/11 12:34	540-59-0	M1
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		05/25/11 12:34	78-87-5	M1
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.38	1		05/25/11 12:34	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		05/25/11 12:34	541-73-1	M1
1,3-Dichloropropane	ND	ug/kg	3.5	0.33	1		05/25/11 12:34	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		05/25/11 12:34	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		05/25/11 12:34	594-20-7	M1
2-Butanone (MEK)	ND	ug/kg	11.8	1.8	1		05/25/11 12:34	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.37	1		05/25/11 12:34	95-49-8	
2-Hexanone	ND	ug/kg	11.8	0.42	1		05/25/11 12:34	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		05/25/11 12:34	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.8	0.36	1		05/25/11 12:34	108-10-1	
Acetone	ND	ug/kg	11.8	1.3	1		05/25/11 12:34	67-64-1	
Benzene	ND	ug/kg	3.5	0.18	1		05/25/11 12:34	71-43-2	M1
Bromobenzene	ND	ug/kg	3.5	0.28	1		05/25/11 12:34	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		05/25/11 12:34	74-97-5	M1

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 12-14 Lab ID: 257614007 Collected: 05/11/11 10:05 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		05/25/11 12:34	75-27-4	M1
Bromoform	ND	ug/kg	3.5	0.27	1		05/25/11 12:34	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		05/25/11 12:34	74-83-9	M1
Carbon disulfide	ND	ug/kg	3.5	0.33	1		05/25/11 12:34	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		05/25/11 12:34	56-23-5	M1
Chlorobenzene	ND	ug/kg	3.5	0.22	1		05/25/11 12:34	108-90-7	M1
Chloroethane	ND	ug/kg	3.5	0.34	1		05/25/11 12:34	75-00-3	M1
Chloroform	ND	ug/kg	3.5	0.23	1		05/25/11 12:34	67-66-3	M1
Chloromethane	ND	ug/kg	3.5	0.24	1		05/25/11 12:34	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		05/25/11 12:34	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.25	1		05/25/11 12:34	74-95-3	M1
Dichlorodifluoromethane	ND	ug/kg	3.5	0.49	1		05/25/11 12:34	75-71-8	
Ethylbenzene	0.84J	ug/kg	3.5	0.45	1		05/25/11 12:34	100-41-4	M1
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.35	1		05/25/11 12:34	87-68-3	M1
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.41	1		05/25/11 12:34	98-82-8	M1
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		05/25/11 12:34	1634-04-4	
Methylene chloride	8.5J	ug/kg	11.8	3.1	1		05/25/11 12:34	75-09-2	M1
Naphthalene	1.5J	ug/kg	3.5	0.65	1		05/25/11 12:34	91-20-3	
Styrene	ND	ug/kg	3.5	0.34	1		05/25/11 12:34	100-42-5	M1
Tetrachloroethene	ND	ug/kg	3.5	0.45	1		05/25/11 12:34	127-18-4	M1
Toluene	2.5J	ug/kg	3.5	0.36	1		05/25/11 12:34	108-88-3	M1
Trichloroethene	ND	ug/kg	3.5	0.25	1		05/25/11 12:34	79-01-6	M1
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		05/25/11 12:34	75-69-4	M1
Vinyl chloride	ND	ug/kg	3.5	0.33	1		05/25/11 12:34	75-01-4	M1
Xylene (Total)	3.4J	ug/kg	10.6	0.88	1		05/25/11 12:34	1330-20-7	M1
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.25	1		05/25/11 12:34	156-59-2	M1
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		05/25/11 12:34	10061-01-5	M1
m&p-Xylene	2.1J	ug/kg	7.1	0.88	1		05/25/11 12:34	179601-23-1	M1
n-Butylbenzene	ND	ug/kg	3.5	0.54	1		05/25/11 12:34	104-51-8	M1
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		05/25/11 12:34	103-65-1	M1
o-Xylene	1.3J	ug/kg	3.5	0.38	1		05/25/11 12:34	95-47-6	M1
p-Isopropyltoluene	ND	ug/kg	3.5	0.45	1		05/25/11 12:34	99-87-6	M1
sec-Butylbenzene	ND	ug/kg	3.5	0.49	1		05/25/11 12:34	135-98-8	M1
tert-Amylmethyl ether	ND	ug/kg	3.5	0.31	1		05/25/11 12:34	994-05-8	M1
tert-Butylbenzene	ND	ug/kg	3.5	0.41	1		05/25/11 12:34	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		05/25/11 12:34	156-60-5	M1
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.25	1		05/25/11 12:34	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		80-136		1		05/25/11 12:34	1868-53-7	
Toluene-d8 (S)	94 %		80-120		1		05/25/11 12:34	2037-26-5	
4-Bromofluorobenzene (S)	95 %		72-122		1		05/25/11 12:34	460-00-4	
1,2-Dichloroethane-d4 (S)	118 %		80-143		1		05/25/11 12:34	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **20.2 %** 0.10 0.10 1 05/15/11 16:47

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_18 14-16 Lab ID: 257614008 Collected: 05/11/11 10:09 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	137	mg/kg	9.7	1.4	5	05/18/11 08:13	05/20/11 17:25	7440-38-2	
Cadmium	3.5J	mg/kg	4.8	0.053	5	05/18/11 08:13	05/20/11 17:25	7440-43-9	
Lead	68.7	mg/kg	0.97	0.061	1	05/18/11 08:13	05/20/11 19:41	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.019J	mg/kg	0.075	0.0016	1	05/16/11 14:52	05/19/11 14:15	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	382	121	1	05/19/11 11:00	05/22/11 22:51	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79	%	26-135		1	05/19/11 11:00	05/22/11 22:51	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		05/24/11 13:40	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		05/24/11 13:40	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.33	1		05/24/11 13:40	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.33	1		05/24/11 13:40	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		05/24/11 13:40	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.28	1		05/24/11 13:40	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.44	1		05/24/11 13:40	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.41	1		05/24/11 13:40	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.33	1		05/24/11 13:40	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		05/24/11 13:40	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.29	1		05/24/11 13:40	120-82-1	
1,2,4-Trimethylbenzene	0.82J	ug/kg	3.5	0.61	1		05/24/11 13:40	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	0.46	1		05/24/11 13:40	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.25	1		05/24/11 13:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		05/24/11 13:40	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		05/24/11 13:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.0	0.44	1		05/24/11 13:40	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		05/24/11 13:40	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.37	1		05/24/11 13:40	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		05/24/11 13:40	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.33	1		05/24/11 13:40	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		05/24/11 13:40	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		05/24/11 13:40	594-20-7	
2-Butanone (MEK)	2.8J	ug/kg	11.7	1.8	1		05/24/11 13:40	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.37	1		05/24/11 13:40	95-49-8	
2-Hexanone	ND	ug/kg	11.7	0.42	1		05/24/11 13:40	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		05/24/11 13:40	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.7	0.36	1		05/24/11 13:40	108-10-1	
Acetone	29.0	ug/kg	11.7	1.3	1		05/24/11 13:40	67-64-1	
Benzene	0.45J	ug/kg	3.5	0.18	1		05/24/11 13:40	71-43-2	B
Bromobenzene	ND	ug/kg	3.5	0.27	1		05/24/11 13:40	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		05/24/11 13:40	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_18 14-16 Lab ID: 257614008 Collected: 05/11/11 10:09 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		05/24/11 13:40	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		05/24/11 13:40	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		05/24/11 13:40	74-83-9	
Carbon disulfide	ND	ug/kg	3.5	0.33	1		05/24/11 13:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		05/24/11 13:40	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		05/24/11 13:40	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.34	1		05/24/11 13:40	75-00-3	
Chloroform	1.4J	ug/kg	3.5	0.23	1		05/24/11 13:40	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		05/24/11 13:40	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		05/24/11 13:40	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		05/24/11 13:40	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.49	1		05/24/11 13:40	75-71-8	
Ethylbenzene	0.53J	ug/kg	3.5	0.44	1		05/24/11 13:40	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.35	1		05/24/11 13:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.41	1		05/24/11 13:40	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		05/24/11 13:40	1634-04-4	
Methylene chloride	11.6J	ug/kg	11.7	3.1	1		05/24/11 13:40	75-09-2	B
Naphthalene	ND	ug/kg	3.5	0.64	1		05/24/11 13:40	91-20-3	
Styrene	ND	ug/kg	3.5	0.34	1		05/24/11 13:40	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.45	1		05/24/11 13:40	127-18-4	
Toluene	ND	ug/kg	3.5	0.36	1		05/24/11 13:40	108-88-3	
Trichloroethene	ND	ug/kg	3.5	0.25	1		05/24/11 13:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		05/24/11 13:40	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.33	1		05/24/11 13:40	75-01-4	
Xylene (Total)	2.5J	ug/kg	10.6	0.88	1		05/24/11 13:40	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.24	1		05/24/11 13:40	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		05/24/11 13:40	10061-01-5	
m&p-Xylene	2.0J	ug/kg	7.0	0.88	1		05/24/11 13:40	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.5	0.54	1		05/24/11 13:40	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		05/24/11 13:40	103-65-1	
o-Xylene	0.54J	ug/kg	3.5	0.38	1		05/24/11 13:40	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.5	0.45	1		05/24/11 13:40	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.49	1		05/24/11 13:40	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		05/24/11 13:40	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		05/24/11 13:40	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		05/24/11 13:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.25	1		05/24/11 13:40	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/24/11 13:40	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/24/11 13:40	2037-26-5	
4-Bromofluorobenzene (S)	103 %		72-122		1		05/24/11 13:40	460-00-4	
1,2-Dichloroethane-d4 (S)	100 %		80-143		1		05/24/11 13:40	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	14.6 %	0.10	0.10	1	05/16/11 15:27
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: Trip Blank 1 Lab ID: 257614009 Collected: 05/11/11 00:00 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		05/24/11 11:23	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		05/24/11 11:23	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		05/24/11 11:23	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		05/24/11 11:23	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		05/24/11 11:23	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		05/24/11 11:23	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		05/24/11 11:23	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		05/24/11 11:23	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		05/24/11 11:23	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		05/24/11 11:23	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		05/24/11 11:23	120-82-1	B
1,2,4-Trimethylbenzene	0.84J	ug/kg	3.0	0.52	1		05/24/11 11:23	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		05/24/11 11:23	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		05/24/11 11:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		05/24/11 11:23	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		05/24/11 11:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		05/24/11 11:23	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		05/24/11 11:23	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		05/24/11 11:23	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		05/24/11 11:23	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		05/24/11 11:23	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		05/24/11 11:23	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		05/24/11 11:23	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		05/24/11 11:23	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		05/24/11 11:23	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		05/24/11 11:23	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		05/24/11 11:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		05/24/11 11:23	108-10-1	
Acetone	3.7J	ug/kg	10.0	1.1	1		05/24/11 11:23	67-64-1	
Benzene	0.54J	ug/kg	3.0	0.15	1		05/24/11 11:23	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.23	1		05/24/11 11:23	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		05/24/11 11:23	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		05/24/11 11:23	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		05/24/11 11:23	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		05/24/11 11:23	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		05/24/11 11:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		05/24/11 11:23	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		05/24/11 11:23	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		05/24/11 11:23	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		05/24/11 11:23	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		05/24/11 11:23	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		05/24/11 11:23	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		05/24/11 11:23	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		05/24/11 11:23	75-71-8	
Ethylbenzene	0.57J	ug/kg	3.0	0.38	1		05/24/11 11:23	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: Trip Blank 1 **Lab ID:** 257614009 Collected: 05/11/11 00:00 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		05/24/11 11:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		05/24/11 11:23	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		05/24/11 11:23	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	2.6	1		05/24/11 11:23	75-09-2	B
Naphthalene	0.82J	ug/kg	3.0	0.55	1		05/24/11 11:23	91-20-3	B
Styrene	ND	ug/kg	3.0	0.29	1		05/24/11 11:23	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		05/24/11 11:23	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		05/24/11 11:23	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		05/24/11 11:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		05/24/11 11:23	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		05/24/11 11:23	75-01-4	
Xylene (Total)	2.6J	ug/kg	9.0	0.75	1		05/24/11 11:23	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		05/24/11 11:23	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		05/24/11 11:23	10061-01-5	
m&p-Xylene	2.0J	ug/kg	6.0	0.75	1		05/24/11 11:23	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		05/24/11 11:23	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		05/24/11 11:23	103-65-1	
o-Xylene	0.59J	ug/kg	3.0	0.33	1		05/24/11 11:23	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		05/24/11 11:23	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		05/24/11 11:23	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		05/24/11 11:23	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		05/24/11 11:23	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		05/24/11 11:23	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		05/24/11 11:23	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/24/11 11:23	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/24/11 11:23	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/24/11 11:23	460-00-4	
1,2-Dichloroethane-d4 (S)	95 %		80-143		1		05/24/11 11:23	17060-07-0	

Sample: SUP_SL_19 5-6 **Lab ID:** 257614010 Collected: 05/11/11 11:30 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	1890	mg/kg	18.8	2.8	5	05/18/11 08:13	05/20/11 17:28	7440-38-2	
Cadmium	56.2	mg/kg	9.4	0.10	5	05/18/11 08:13	05/20/11 17:28	7440-43-9	
Lead	1580	mg/kg	9.4	0.59	5	05/18/11 08:13	05/20/11 17:28	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.96	mg/kg	0.20	0.0041	1	05/16/11 14:52	05/19/11 14:17	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 5-6 Lab ID: 257614010 Collected: 05/11/11 11:30 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	756	240	1	05/19/11 11:00	05/23/11 00:00	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	84	%	26-135		1	05/19/11 11:00	05/23/11 00:00	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.8	0.38	1		05/24/11 13:57	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.8	0.48	1		05/24/11 13:57	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.8	0.72	1		05/24/11 13:57	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.8	0.73	1		05/24/11 13:57	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.8	1.0	1		05/24/11 13:57	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.8	0.62	1		05/24/11 13:57	75-34-3	
1,1-Dichloroethene	ND	ug/kg	7.8	0.97	1		05/24/11 13:57	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.8	0.91	1		05/24/11 13:57	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.8	0.72	1		05/24/11 13:57	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.8	0.89	1		05/24/11 13:57	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.8	0.63	1		05/24/11 13:57	120-82-1	
1,2,4-Trimethylbenzene	1.8J	ug/kg	7.8	1.3	1		05/24/11 13:57	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.0	1.0	1		05/24/11 13:57	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.8	0.55	1		05/24/11 13:57	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.8	0.64	1		05/24/11 13:57	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.8	0.58	1		05/24/11 13:57	107-06-2	
1,2-Dichloroethene (Total)	3.4J	ug/kg	15.6	0.97	1		05/24/11 13:57	540-59-0	
1,2-Dichloropropane	ND	ug/kg	7.8	0.47	1		05/24/11 13:57	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.8	0.83	1		05/24/11 13:57	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.8	0.50	1		05/24/11 13:57	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.8	0.72	1		05/24/11 13:57	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.8	0.63	1		05/24/11 13:57	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.8	0.49	1		05/24/11 13:57	594-20-7	
2-Butanone (MEK)	32.3	ug/kg	26.1	3.9	1		05/24/11 13:57	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.8	0.82	1		05/24/11 13:57	95-49-8	
2-Hexanone	ND	ug/kg	26.1	0.94	1		05/24/11 13:57	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.8	0.69	1		05/24/11 13:57	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26.1	0.79	1		05/24/11 13:57	108-10-1	
Acetone	113	ug/kg	26.1	2.9	1		05/24/11 13:57	67-64-1	
Benzene	1.3J	ug/kg	7.8	0.39	1		05/24/11 13:57	71-43-2	B
Bromobenzene	ND	ug/kg	7.8	0.61	1		05/24/11 13:57	108-86-1	
Bromochloromethane	ND	ug/kg	7.8	0.57	1		05/24/11 13:57	74-97-5	
Bromodichloromethane	ND	ug/kg	7.8	0.31	1		05/24/11 13:57	75-27-4	
Bromoform	ND	ug/kg	7.8	0.60	1		05/24/11 13:57	75-25-2	
Bromomethane	ND	ug/kg	7.8	0.83	1		05/24/11 13:57	74-83-9	
Carbon disulfide	ND	ug/kg	7.8	0.73	1		05/24/11 13:57	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.8	0.47	1		05/24/11 13:57	56-23-5	
Chlorobenzene	ND	ug/kg	7.8	0.48	1		05/24/11 13:57	108-90-7	
Chloroethane	ND	ug/kg	7.8	0.75	1		05/24/11 13:57	75-00-3	
Chloroform	ND	ug/kg	7.8	0.51	1		05/24/11 13:57	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 5-6 Lab ID: 257614010 Collected: 05/11/11 11:30 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	7.8	0.54	1		05/24/11 13:57	74-87-3	
Dibromochloromethane	ND	ug/kg	7.8	0.26	1		05/24/11 13:57	124-48-1	
Dibromomethane	ND	ug/kg	7.8	0.54	1		05/24/11 13:57	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.8	1.1	1		05/24/11 13:57	75-71-8	
Ethylbenzene	ND	ug/kg	7.8	0.99	1		05/24/11 13:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.8	0.77	1		05/24/11 13:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.8	0.90	1		05/24/11 13:57	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.8	0.65	1		05/24/11 13:57	1634-04-4	
Methylene chloride	9.1J	ug/kg	26.1	6.9	1		05/24/11 13:57	75-09-2	B
Naphthalene	2.4J	ug/kg	7.8	1.4	1		05/24/11 13:57	91-20-3	B
Styrene	ND	ug/kg	7.8	0.75	1		05/24/11 13:57	100-42-5	
Tetrachloroethene	ND	ug/kg	7.8	1.0	1		05/24/11 13:57	127-18-4	
Toluene	ND	ug/kg	7.8	0.80	1		05/24/11 13:57	108-88-3	
Trichloroethene	ND	ug/kg	7.8	0.55	1		05/24/11 13:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.8	0.60	1		05/24/11 13:57	75-69-4	
Vinyl chloride	ND	ug/kg	7.8	0.73	1		05/24/11 13:57	75-01-4	
Xylene (Total)	4.1J	ug/kg	23.4	2.0	1		05/24/11 13:57	1330-20-7	B
cis-1,2-Dichloroethene	3.4J	ug/kg	7.8	0.54	1		05/24/11 13:57	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.8	0.34	1		05/24/11 13:57	10061-01-5	
m&p-Xylene	3.3J	ug/kg	15.6	2.0	1		05/24/11 13:57	179601-23-1	B
n-Butylbenzene	ND	ug/kg	7.8	1.2	1		05/24/11 13:57	104-51-8	
n-Propylbenzene	ND	ug/kg	7.8	0.92	1		05/24/11 13:57	103-65-1	
o-Xylene	ND	ug/kg	7.8	0.85	1		05/24/11 13:57	95-47-6	
p-Isopropyltoluene	ND	ug/kg	7.8	1.0	1		05/24/11 13:57	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.8	1.1	1		05/24/11 13:57	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.8	0.67	1		05/24/11 13:57	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.8	0.90	1		05/24/11 13:57	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.8	0.78	1		05/24/11 13:57	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.8	0.55	1		05/24/11 13:57	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	80-136		1		05/24/11 13:57	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/24/11 13:57	2037-26-5	
4-Bromofluorobenzene (S)	102	%	72-122		1		05/24/11 13:57	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-143		1		05/24/11 13:57	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	57.3	%	0.10	0.10	1		05/16/11 15:29		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 6-8 Lab ID: 257614011 Collected: 05/11/11 11:57 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	664	mg/kg	15.8	2.3	5	05/18/11 08:13	05/20/11 17:31	7440-38-2	
Cadmium	18.2	mg/kg	7.9	0.087	5	05/18/11 08:13	05/20/11 17:31	7440-43-9	
Lead	130	mg/kg	1.6	0.099	1	05/18/11 08:13	05/20/11 19:46	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.11J	mg/kg	0.12	0.0025	1	05/16/11 14:52	05/19/11 14:19	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	600	190	1	05/19/11 11:00	05/23/11 00:22	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	83	%	26-135		1	05/19/11 11:00	05/23/11 00:22	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.7	0.33	1		05/24/11 14:14	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.7	0.41	1		05/24/11 14:14	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.7	0.62	1		05/24/11 14:14	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.7	0.62	1		05/24/11 14:14	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.7	0.90	1		05/24/11 14:14	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.7	0.53	1		05/24/11 14:14	75-34-3	
1,1-Dichloroethene	ND	ug/kg	6.7	0.83	1		05/24/11 14:14	75-35-4	
1,1-Dichloropropene	ND	ug/kg	6.7	0.78	1		05/24/11 14:14	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.7	0.62	1		05/24/11 14:14	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	6.7	0.76	1		05/24/11 14:14	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	6.7	0.54	1		05/24/11 14:14	120-82-1	
1,2,4-Trimethylbenzene	1.6J	ug/kg	6.7	1.2	1		05/24/11 14:14	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.2	0.87	1		05/24/11 14:14	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.7	0.47	1		05/24/11 14:14	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.7	0.55	1		05/24/11 14:14	95-50-1	
1,2-Dichloroethane	ND	ug/kg	6.7	0.50	1		05/24/11 14:14	107-06-2	
1,2-Dichloroethene (Total)	1.5J	ug/kg	13.4	0.83	1		05/24/11 14:14	540-59-0	
1,2-Dichloropropane	ND	ug/kg	6.7	0.41	1		05/24/11 14:14	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	6.7	0.71	1		05/24/11 14:14	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	6.7	0.43	1		05/24/11 14:14	541-73-1	
1,3-Dichloropropane	ND	ug/kg	6.7	0.62	1		05/24/11 14:14	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	6.7	0.54	1		05/24/11 14:14	106-46-7	
2,2-Dichloropropane	ND	ug/kg	6.7	0.42	1		05/24/11 14:14	594-20-7	
2-Butanone (MEK)	21.9J	ug/kg	22.4	3.4	1		05/24/11 14:14	78-93-3	
2-Chlorotoluene	ND	ug/kg	6.7	0.70	1		05/24/11 14:14	95-49-8	
2-Hexanone	ND	ug/kg	22.4	0.80	1		05/24/11 14:14	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.7	0.59	1		05/24/11 14:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.4	0.68	1		05/24/11 14:14	108-10-1	
Acetone	92.9	ug/kg	22.4	2.5	1		05/24/11 14:14	67-64-1	
Benzene	0.93J	ug/kg	6.7	0.34	1		05/24/11 14:14	71-43-2	B
Bromobenzene	ND	ug/kg	6.7	0.52	1		05/24/11 14:14	108-86-1	
Bromochloromethane	ND	ug/kg	6.7	0.49	1		05/24/11 14:14	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 6-8 Lab ID: 257614011 Collected: 05/11/11 11:57 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	6.7	0.26	1		05/24/11 14:14	75-27-4	
Bromoform	ND	ug/kg	6.7	0.52	1		05/24/11 14:14	75-25-2	
Bromomethane	ND	ug/kg	6.7	0.71	1		05/24/11 14:14	74-83-9	
Carbon disulfide	2.1J	ug/kg	6.7	0.62	1		05/24/11 14:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.7	0.41	1		05/24/11 14:14	56-23-5	
Chlorobenzene	ND	ug/kg	6.7	0.41	1		05/24/11 14:14	108-90-7	
Chloroethane	ND	ug/kg	6.7	0.65	1		05/24/11 14:14	75-00-3	
Chloroform	ND	ug/kg	6.7	0.43	1		05/24/11 14:14	67-66-3	
Chloromethane	ND	ug/kg	6.7	0.46	1		05/24/11 14:14	74-87-3	
Dibromochloromethane	ND	ug/kg	6.7	0.22	1		05/24/11 14:14	124-48-1	
Dibromomethane	ND	ug/kg	6.7	0.47	1		05/24/11 14:14	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.7	0.93	1		05/24/11 14:14	75-71-8	
Ethylbenzene	ND	ug/kg	6.7	0.85	1		05/24/11 14:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.7	0.66	1		05/24/11 14:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.7	0.78	1		05/24/11 14:14	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.7	0.56	1		05/24/11 14:14	1634-04-4	
Methylene chloride	7.7J	ug/kg	22.4	5.9	1		05/24/11 14:14	75-09-2	B
Naphthalene	1.4J	ug/kg	6.7	1.2	1		05/24/11 14:14	91-20-3	B
Styrene	ND	ug/kg	6.7	0.64	1		05/24/11 14:14	100-42-5	
Tetrachloroethene	ND	ug/kg	6.7	0.86	1		05/24/11 14:14	127-18-4	
Toluene	58.5	ug/kg	6.7	0.69	1		05/24/11 14:14	108-88-3	
Trichloroethene	ND	ug/kg	6.7	0.47	1		05/24/11 14:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.7	0.51	1		05/24/11 14:14	75-69-4	
Vinyl chloride	ND	ug/kg	6.7	0.63	1		05/24/11 14:14	75-01-4	
Xylene (Total)	3.0J	ug/kg	20.1	1.7	1		05/24/11 14:14	1330-20-7	B
cis-1,2-Dichloroethene	1.5J	ug/kg	6.7	0.47	1		05/24/11 14:14	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.7	0.29	1		05/24/11 14:14	10061-01-5	
m&p-Xylene	3.0J	ug/kg	13.4	1.7	1		05/24/11 14:14	179601-23-1	B
n-Butylbenzene	ND	ug/kg	6.7	1.0	1		05/24/11 14:14	104-51-8	
n-Propylbenzene	ND	ug/kg	6.7	0.79	1		05/24/11 14:14	103-65-1	
o-Xylene	ND	ug/kg	6.7	0.73	1		05/24/11 14:14	95-47-6	
p-Isopropyltoluene	ND	ug/kg	6.7	0.86	1		05/24/11 14:14	99-87-6	
sec-Butylbenzene	ND	ug/kg	6.7	0.94	1		05/24/11 14:14	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	6.7	0.58	1		05/24/11 14:14	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.7	0.77	1		05/24/11 14:14	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	6.7	0.67	1		05/24/11 14:14	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.7	0.47	1		05/24/11 14:14	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/24/11 14:14	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/24/11 14:14	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/24/11 14:14	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/24/11 14:14	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	46.6 %	0.10	0.10	1	05/16/11 15:30
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 8-10 Lab ID: 257614012 Collected: 05/11/11 11:42 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	390	mg/kg	12.9	1.9	5	05/18/11 08:13	05/20/11 17:34	7440-38-2	
Cadmium	10.4	mg/kg	6.4	0.071	5	05/18/11 08:13	05/20/11 17:34	7440-43-9	
Lead	11.1	mg/kg	1.3	0.081	1	05/18/11 08:13	05/20/11 19:49	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.041J	mg/kg	0.12	0.0025	1	05/16/11 14:52	05/19/11 14:21	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	511	162	1	05/19/11 11:00	05/23/11 00:45	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	73	%	26-135		1	05/19/11 11:00	05/23/11 00:45	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	0.23	1		05/25/11 16:32	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.7	0.29	1		05/25/11 16:32	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	0.44	1		05/25/11 16:32	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.7	0.44	1		05/25/11 16:32	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	0.64	1		05/25/11 16:32	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.7	0.37	1		05/25/11 16:32	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.7	0.59	1		05/25/11 16:32	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.7	0.55	1		05/25/11 16:32	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	0.44	1		05/25/11 16:32	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.7	0.54	1		05/25/11 16:32	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	0.38	1		05/25/11 16:32	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	0.82	1		05/25/11 16:32	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.9	0.62	1		05/25/11 16:32	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	0.33	1		05/25/11 16:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	0.39	1		05/25/11 16:32	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.7	0.35	1		05/25/11 16:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.5	0.59	1		05/25/11 16:32	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.7	0.29	1		05/25/11 16:32	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	0.50	1		05/25/11 16:32	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.7	0.30	1		05/25/11 16:32	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.7	0.44	1		05/25/11 16:32	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.7	0.38	1		05/25/11 16:32	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.7	0.29	1		05/25/11 16:32	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.8	2.4	1		05/25/11 16:32	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.7	0.50	1		05/25/11 16:32	95-49-8	
2-Hexanone	ND	ug/kg	15.8	0.57	1		05/25/11 16:32	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.7	0.42	1		05/25/11 16:32	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.8	0.48	1		05/25/11 16:32	108-10-1	
Acetone	ND	ug/kg	15.8	1.7	1		05/25/11 16:32	67-64-1	
Benzene	ND	ug/kg	4.7	0.24	1		05/25/11 16:32	71-43-2	
Bromobenzene	ND	ug/kg	4.7	0.37	1		05/25/11 16:32	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	0.35	1		05/25/11 16:32	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 8-10 Lab ID: 257614012 Collected: 05/11/11 11:42 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	4.7	0.19	1		05/25/11 16:32	75-27-4	
Bromoform	ND	ug/kg	4.7	0.37	1		05/25/11 16:32	75-25-2	
Bromomethane	ND	ug/kg	4.7	0.50	1		05/25/11 16:32	74-83-9	
Carbon disulfide	ND	ug/kg	4.7	0.44	1		05/25/11 16:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	0.29	1		05/25/11 16:32	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	0.29	1		05/25/11 16:32	108-90-7	
Chloroethane	ND	ug/kg	4.7	0.46	1		05/25/11 16:32	75-00-3	
Chloroform	ND	ug/kg	4.7	0.31	1		05/25/11 16:32	67-66-3	
Chloromethane	ND	ug/kg	4.7	0.32	1		05/25/11 16:32	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	0.16	1		05/25/11 16:32	124-48-1	
Dibromomethane	ND	ug/kg	4.7	0.33	1		05/25/11 16:32	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.7	0.66	1		05/25/11 16:32	75-71-8	
Ethylbenzene	ND	ug/kg	4.7	0.60	1		05/25/11 16:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	0.47	1		05/25/11 16:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	0.55	1		05/25/11 16:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.7	0.39	1		05/25/11 16:32	1634-04-4	
Methylene chloride	ND	ug/kg	15.8	4.2	1		05/25/11 16:32	75-09-2	
Naphthalene	ND	ug/kg	4.7	0.87	1		05/25/11 16:32	91-20-3	
Styrene	ND	ug/kg	4.7	0.45	1		05/25/11 16:32	100-42-5	
Tetrachloroethene	ND	ug/kg	4.7	0.60	1		05/25/11 16:32	127-18-4	
Toluene	57.6	ug/kg	4.7	0.49	1		05/25/11 16:32	108-88-3	
Trichloroethene	ND	ug/kg	4.7	0.33	1		05/25/11 16:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	0.36	1		05/25/11 16:32	75-69-4	
Vinyl chloride	ND	ug/kg	4.7	0.44	1		05/25/11 16:32	75-01-4	
Xylene (Total)	ND	ug/kg	14.2	1.2	1		05/25/11 16:32	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	0.33	1		05/25/11 16:32	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	0.21	1		05/25/11 16:32	10061-01-5	
m&p-Xylene	ND	ug/kg	9.5	1.2	1		05/25/11 16:32	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.7	0.72	1		05/25/11 16:32	104-51-8	
n-Propylbenzene	ND	ug/kg	4.7	0.56	1		05/25/11 16:32	103-65-1	
o-Xylene	ND	ug/kg	4.7	0.51	1		05/25/11 16:32	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.7	0.61	1		05/25/11 16:32	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.7	0.66	1		05/25/11 16:32	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.7	0.41	1		05/25/11 16:32	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.7	0.54	1		05/25/11 16:32	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	0.47	1		05/25/11 16:32	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	0.33	1		05/25/11 16:32	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	80-136		1		05/25/11 16:32	1868-53-7	
Toluene-d8 (S)	103	%	80-120		1		05/25/11 16:32	2037-26-5	
4-Bromofluorobenzene (S)	107	%	72-122		1		05/25/11 16:32	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	80-143		1		05/25/11 16:32	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	36.8	%	0.10	0.10	1		05/16/11 15:31		
------------------	------	---	------	------	---	--	----------------	--	--

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 10-12 Lab ID: 257614013 Collected: 05/11/11 11:47 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.3J	mg/kg	8.5	1.3	5	05/18/11 08:13	05/20/11 17:37	7440-38-2	
Cadmium	ND	mg/kg	4.2	0.047	5	05/18/11 08:13	05/20/11 17:37	7440-43-9	
Lead	1.4	mg/kg	0.85	0.053	1	05/18/11 08:13	05/20/11 19:52	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.0025J	mg/kg	0.077	0.0016	1	05/16/11 14:52	05/19/11 14:24	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	398	126	1	05/19/11 11:00	05/23/11 01:08	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	85	%	26-135		1	05/19/11 11:00	05/23/11 01:08	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	0.24	1		05/24/11 14:48	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.9	0.30	1		05/24/11 14:48	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	0.46	1		05/24/11 14:48	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.9	0.46	1		05/24/11 14:48	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	0.66	1		05/24/11 14:48	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.9	0.39	1		05/24/11 14:48	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.9	0.61	1		05/24/11 14:48	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.9	0.57	1		05/24/11 14:48	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	0.46	1		05/24/11 14:48	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.9	0.56	1		05/24/11 14:48	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	0.40	1		05/24/11 14:48	120-82-1	
1,2,4-Trimethylbenzene	0.90J	ug/kg	4.9	0.85	1		05/24/11 14:48	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	0.64	1		05/24/11 14:48	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	0.35	1		05/24/11 14:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	0.40	1		05/24/11 14:48	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.9	0.36	1		05/24/11 14:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.9	0.61	1		05/24/11 14:48	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.9	0.30	1		05/24/11 14:48	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	0.52	1		05/24/11 14:48	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.9	0.31	1		05/24/11 14:48	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.9	0.46	1		05/24/11 14:48	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.9	0.39	1		05/24/11 14:48	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.9	0.31	1		05/24/11 14:48	594-20-7	
2-Butanone (MEK)	3.1J	ug/kg	16.4	2.5	1		05/24/11 14:48	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.9	0.52	1		05/24/11 14:48	95-49-8	
2-Hexanone	ND	ug/kg	16.4	0.59	1		05/24/11 14:48	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.9	0.44	1		05/24/11 14:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.4	0.50	1		05/24/11 14:48	108-10-1	
Acetone	41.5	ug/kg	16.4	1.8	1		05/24/11 14:48	67-64-1	
Benzene	0.53J	ug/kg	4.9	0.25	1		05/24/11 14:48	71-43-2	B
Bromobenzene	ND	ug/kg	4.9	0.38	1		05/24/11 14:48	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	0.36	1		05/24/11 14:48	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 10-12 Lab ID: 257614013 Collected: 05/11/11 11:47 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	4.9	0.19	1		05/24/11 14:48	75-27-4	
Bromoform	ND	ug/kg	4.9	0.38	1		05/24/11 14:48	75-25-2	
Bromomethane	ND	ug/kg	4.9	0.52	1		05/24/11 14:48	74-83-9	
Carbon disulfide	ND	ug/kg	4.9	0.46	1		05/24/11 14:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	0.30	1		05/24/11 14:48	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	0.30	1		05/24/11 14:48	108-90-7	
Chloroethane	ND	ug/kg	4.9	0.47	1		05/24/11 14:48	75-00-3	
Chloroform	ND	ug/kg	4.9	0.32	1		05/24/11 14:48	67-66-3	
Chloromethane	ND	ug/kg	4.9	0.34	1		05/24/11 14:48	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	0.17	1		05/24/11 14:48	124-48-1	
Dibromomethane	ND	ug/kg	4.9	0.34	1		05/24/11 14:48	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.9	0.68	1		05/24/11 14:48	75-71-8	
Ethylbenzene	ND	ug/kg	4.9	0.62	1		05/24/11 14:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	0.49	1		05/24/11 14:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	0.57	1		05/24/11 14:48	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.9	0.41	1		05/24/11 14:48	1634-04-4	
Methylene chloride	12.2J	ug/kg	16.4	4.3	1		05/24/11 14:48	75-09-2	B
Naphthalene	ND	ug/kg	4.9	0.90	1		05/24/11 14:48	91-20-3	
Styrene	ND	ug/kg	4.9	0.47	1		05/24/11 14:48	100-42-5	
Tetrachloroethene	ND	ug/kg	4.9	0.63	1		05/24/11 14:48	127-18-4	
Toluene	ND	ug/kg	4.9	0.51	1		05/24/11 14:48	108-88-3	
Trichloroethene	ND	ug/kg	4.9	0.34	1		05/24/11 14:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	0.38	1		05/24/11 14:48	75-69-4	
Vinyl chloride	ND	ug/kg	4.9	0.46	1		05/24/11 14:48	75-01-4	
Xylene (Total)	2.6J	ug/kg	14.8	1.2	1		05/24/11 14:48	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.9	0.34	1		05/24/11 14:48	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	0.21	1		05/24/11 14:48	10061-01-5	
m&p-Xylene	2.0J	ug/kg	9.9	1.2	1		05/24/11 14:48	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.9	0.75	1		05/24/11 14:48	104-51-8	
n-Propylbenzene	ND	ug/kg	4.9	0.58	1		05/24/11 14:48	103-65-1	
o-Xylene	0.55J	ug/kg	4.9	0.53	1		05/24/11 14:48	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.9	0.63	1		05/24/11 14:48	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.9	0.69	1		05/24/11 14:48	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.9	0.43	1		05/24/11 14:48	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.9	0.57	1		05/24/11 14:48	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	0.49	1		05/24/11 14:48	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	0.35	1		05/24/11 14:48	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/24/11 14:48	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/24/11 14:48	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/24/11 14:48	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		80-143		1		05/24/11 14:48	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	18.6 %	0.10	0.10	1	05/16/11 15:31
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_19 12-14 Lab ID: 257614014 Collected: 05/11/11 11:52 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	9.3J	mg/kg	9.4	1.4	5	05/18/11 08:13	05/20/11 17:40	7440-38-2	
Cadmium	ND	mg/kg	4.7	0.052	5	05/18/11 08:13	05/20/11 17:40	7440-43-9	
Lead	1.3	mg/kg	0.94	0.059	1	05/18/11 08:13	05/20/11 19:55	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	ND	mg/kg	0.11	0.0023	1	05/16/11 14:52	05/19/11 14:26	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	407	129	1	05/19/11 11:00	05/23/11 01:31	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	98	%	26-135		1	05/19/11 11:00	05/23/11 01:31	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		05/24/11 15:05	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		05/24/11 15:05	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		05/24/11 15:05	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		05/24/11 15:05	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.45	1		05/24/11 15:05	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		05/24/11 15:05	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		05/24/11 15:05	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		05/24/11 15:05	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		05/24/11 15:05	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		05/24/11 15:05	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.27	1		05/24/11 15:05	120-82-1	
1,2,4-Trimethylbenzene	0.64J	ug/kg	3.4	0.58	1		05/24/11 15:05	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.44	1		05/24/11 15:05	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		05/24/11 15:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		05/24/11 15:05	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		05/24/11 15:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.8	0.42	1		05/24/11 15:05	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		05/24/11 15:05	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		05/24/11 15:05	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.21	1		05/24/11 15:05	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		05/24/11 15:05	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		05/24/11 15:05	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/24/11 15:05	594-20-7	
2-Butanone (MEK)	3.0J	ug/kg	11.3	1.7	1		05/24/11 15:05	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		05/24/11 15:05	95-49-8	
2-Hexanone	ND	ug/kg	11.3	0.41	1		05/24/11 15:05	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		05/24/11 15:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.3	0.34	1		05/24/11 15:05	108-10-1	
Acetone	5.2J	ug/kg	11.3	1.2	1		05/24/11 15:05	67-64-1	
Benzene	0.36J	ug/kg	3.4	0.17	1		05/24/11 15:05	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.26	1		05/24/11 15:05	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		05/24/11 15:05	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 12-14 Lab ID: 257614014 Collected: 05/11/11 11:52 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		05/24/11 15:05	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		05/24/11 15:05	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		05/24/11 15:05	74-83-9	
Carbon disulfide	ND	ug/kg	3.4	0.31	1		05/24/11 15:05	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.20	1		05/24/11 15:05	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		05/24/11 15:05	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		05/24/11 15:05	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		05/24/11 15:05	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		05/24/11 15:05	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		05/24/11 15:05	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		05/24/11 15:05	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		05/24/11 15:05	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		05/24/11 15:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		05/24/11 15:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		05/24/11 15:05	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		05/24/11 15:05	1634-04-4	
Methylene chloride	5.2J	ug/kg	11.3	3.0	1		05/24/11 15:05	75-09-2	B
Naphthalene	ND	ug/kg	3.4	0.62	1		05/24/11 15:05	91-20-3	
Styrene	ND	ug/kg	3.4	0.32	1		05/24/11 15:05	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		05/24/11 15:05	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		05/24/11 15:05	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		05/24/11 15:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		05/24/11 15:05	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		05/24/11 15:05	75-01-4	
Xylene (Total)	1.8J	ug/kg	10.2	0.85	1		05/24/11 15:05	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		05/24/11 15:05	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		05/24/11 15:05	10061-01-5	
m&p-Xylene	1.4J	ug/kg	6.8	0.85	1		05/24/11 15:05	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		05/24/11 15:05	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		05/24/11 15:05	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		05/24/11 15:05	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.4	0.43	1		05/24/11 15:05	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		05/24/11 15:05	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		05/24/11 15:05	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		05/24/11 15:05	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		05/24/11 15:05	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		05/24/11 15:05	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/24/11 15:05	1868-53-7	
Toluene-d8 (S)	97 %		80-120		1		05/24/11 15:05	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/24/11 15:05	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		80-143		1		05/24/11 15:05	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **19.9 %** 0.10 0.10 1 05/16/11 15:32

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_19 14-16 Lab ID: 257614015 Collected: 05/11/11 11:57 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	45.2	mg/kg	2.2	0.33	1	05/18/11 08:13	05/20/11 19:58	7440-38-2	
Cadmium	1.1	mg/kg	1.1	0.012	1	05/18/11 08:13	05/20/11 19:58	7440-43-9	
Lead	1.5	mg/kg	1.1	0.070	1	05/18/11 08:13	05/20/11 19:58	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.0023J	mg/kg	0.10	0.0022	1	05/16/11 14:52	05/19/11 14:28	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	404	128	1	05/19/11 11:00	05/23/11 01:53	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	90	%	26-135		1	05/19/11 11:00	05/23/11 01:53	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		05/25/11 13:53	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		05/25/11 13:53	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		05/25/11 13:53	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		05/25/11 13:53	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		05/25/11 13:53	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		05/25/11 13:53	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		05/25/11 13:53	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		05/25/11 13:53	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		05/25/11 13:53	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		05/25/11 13:53	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.27	1		05/25/11 13:53	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		05/25/11 13:53	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.44	1		05/25/11 13:53	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		05/25/11 13:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		05/25/11 13:53	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		05/25/11 13:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.8	0.42	1		05/25/11 13:53	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		05/25/11 13:53	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		05/25/11 13:53	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.21	1		05/25/11 13:53	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		05/25/11 13:53	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		05/25/11 13:53	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/25/11 13:53	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.3	1.7	1		05/25/11 13:53	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		05/25/11 13:53	95-49-8	
2-Hexanone	ND	ug/kg	11.3	0.41	1		05/25/11 13:53	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		05/25/11 13:53	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.3	0.34	1		05/25/11 13:53	108-10-1	
Acetone	24.2	ug/kg	11.3	1.2	1		05/25/11 13:53	67-64-1	
Benzene	ND	ug/kg	3.4	0.17	1		05/25/11 13:53	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.26	1		05/25/11 13:53	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		05/25/11 13:53	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_19 14-16 Lab ID: 257614015 Collected: 05/11/11 11:57 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		05/25/11 13:53	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		05/25/11 13:53	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		05/25/11 13:53	74-83-9	
Carbon disulfide	ND	ug/kg	3.4	0.31	1		05/25/11 13:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.20	1		05/25/11 13:53	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		05/25/11 13:53	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		05/25/11 13:53	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		05/25/11 13:53	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		05/25/11 13:53	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		05/25/11 13:53	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		05/25/11 13:53	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		05/25/11 13:53	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		05/25/11 13:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		05/25/11 13:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		05/25/11 13:53	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		05/25/11 13:53	1634-04-4	
Methylene chloride	ND	ug/kg	11.3	3.0	1		05/25/11 13:53	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.62	1		05/25/11 13:53	91-20-3	
Styrene	ND	ug/kg	3.4	0.32	1		05/25/11 13:53	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		05/25/11 13:53	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		05/25/11 13:53	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		05/25/11 13:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		05/25/11 13:53	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		05/25/11 13:53	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	0.85	1		05/25/11 13:53	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		05/25/11 13:53	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		05/25/11 13:53	10061-01-5	
m&p-Xylene	ND	ug/kg	6.8	0.85	1		05/25/11 13:53	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		05/25/11 13:53	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		05/25/11 13:53	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		05/25/11 13:53	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.43	1		05/25/11 13:53	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		05/25/11 13:53	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		05/25/11 13:53	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		05/25/11 13:53	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		05/25/11 13:53	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		05/25/11 13:53	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		80-136		1		05/25/11 13:53	1868-53-7	
Toluene-d8 (S)	101 %		80-120		1		05/25/11 13:53	2037-26-5	
4-Bromofluorobenzene (S)	103 %		72-122		1		05/25/11 13:53	460-00-4	
1,2-Dichloroethane-d4 (S)	115 %		80-143		1		05/25/11 13:53	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	19.7 %	0.10	0.10	1	05/16/11 15:33
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: Trip Blank 2 **Lab ID: 257614016** Collected: 05/11/11 00:00 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		05/25/11 15:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		05/25/11 15:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		05/25/11 15:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		05/25/11 15:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		05/25/11 15:52	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		05/25/11 15:52	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		05/25/11 15:52	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		05/25/11 15:52	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		05/25/11 15:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		05/25/11 15:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		05/25/11 15:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		05/25/11 15:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		05/25/11 15:52	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		05/25/11 15:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		05/25/11 15:52	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		05/25/11 15:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		05/25/11 15:52	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		05/25/11 15:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		05/25/11 15:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		05/25/11 15:52	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		05/25/11 15:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		05/25/11 15:52	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		05/25/11 15:52	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		05/25/11 15:52	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		05/25/11 15:52	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		05/25/11 15:52	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		05/25/11 15:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		05/25/11 15:52	108-10-1	
Acetone	6.6J	ug/kg	10.0	1.1	1		05/25/11 15:52	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		05/25/11 15:52	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		05/25/11 15:52	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		05/25/11 15:52	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		05/25/11 15:52	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		05/25/11 15:52	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		05/25/11 15:52	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		05/25/11 15:52	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		05/25/11 15:52	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		05/25/11 15:52	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		05/25/11 15:52	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		05/25/11 15:52	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		05/25/11 15:52	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		05/25/11 15:52	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		05/25/11 15:52	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		05/25/11 15:52	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		05/25/11 15:52	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: Trip Blank 2 **Lab ID: 257614016** Collected: 05/11/11 00:00 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		05/25/11 15:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		05/25/11 15:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		05/25/11 15:52	1634-04-4	
Methylene chloride	10.5	ug/kg	10.0	2.6	1		05/25/11 15:52	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		05/25/11 15:52	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		05/25/11 15:52	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		05/25/11 15:52	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		05/25/11 15:52	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		05/25/11 15:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		05/25/11 15:52	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		05/25/11 15:52	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		05/25/11 15:52	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		05/25/11 15:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		05/25/11 15:52	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		05/25/11 15:52	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		05/25/11 15:52	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		05/25/11 15:52	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		05/25/11 15:52	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		05/25/11 15:52	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		05/25/11 15:52	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		05/25/11 15:52	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		05/25/11 15:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		05/25/11 15:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		05/25/11 15:52	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	80-136		1		05/25/11 15:52	1868-53-7	
Toluene-d8 (S)	105	%	80-120		1		05/25/11 15:52	2037-26-5	
4-Bromofluorobenzene (S)	100	%	72-122		1		05/25/11 15:52	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	80-143		1		05/25/11 15:52	17060-07-0	

Sample: SUP_SL_24 5-6 **Lab ID: 257614017** Collected: 05/11/11 12:02 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	69.4	mg/kg	12.3	1.8	5	05/18/11 08:13	05/20/11 17:58	7440-38-2	
Cadmium	1.4J	mg/kg	6.1	0.068	5	05/18/11 08:13	05/20/11 17:58	7440-43-9	
Lead	27.3	mg/kg	1.2	0.077	1	05/18/11 08:13	05/20/11 20:01	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.058J	mg/kg	0.12	0.0024	1	05/16/11 14:52	05/19/11 14:39	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 5-6 **Lab ID:** 257614017 Collected: 05/11/11 12:02 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	470	149	1	05/19/11 11:00	05/23/11 02:16	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80	%	26-135		1	05/19/11 11:00	05/23/11 02:16	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.19	1		05/25/11 16:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		05/25/11 16:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.36	1		05/25/11 16:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.36	1		05/25/11 16:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.52	1		05/25/11 16:52	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		05/25/11 16:52	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.48	1		05/25/11 16:52	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.45	1		05/25/11 16:52	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.36	1		05/25/11 16:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.44	1		05/25/11 16:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.31	1		05/25/11 16:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	0.66	1		05/25/11 16:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	0.50	1		05/25/11 16:52	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.27	1		05/25/11 16:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.32	1		05/25/11 16:52	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		05/25/11 16:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.7	0.48	1		05/25/11 16:52	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		05/25/11 16:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.41	1		05/25/11 16:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		05/25/11 16:52	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.36	1		05/25/11 16:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		05/25/11 16:52	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.24	1		05/25/11 16:52	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.8	1.9	1		05/25/11 16:52	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.40	1		05/25/11 16:52	95-49-8	
2-Hexanone	ND	ug/kg	12.8	0.46	1		05/25/11 16:52	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.34	1		05/25/11 16:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.8	0.39	1		05/25/11 16:52	108-10-1	
Acetone	46.1	ug/kg	12.8	1.4	1		05/25/11 16:52	67-64-1	
Benzene	ND	ug/kg	3.8	0.19	1		05/25/11 16:52	71-43-2	
Bromobenzene	ND	ug/kg	3.8	0.30	1		05/25/11 16:52	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		05/25/11 16:52	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		05/25/11 16:52	75-27-4	
Bromoform	ND	ug/kg	3.8	0.30	1		05/25/11 16:52	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.41	1		05/25/11 16:52	74-83-9	
Carbon disulfide	ND	ug/kg	3.8	0.36	1		05/25/11 16:52	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		05/25/11 16:52	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		05/25/11 16:52	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.37	1		05/25/11 16:52	75-00-3	
Chloroform	ND	ug/kg	3.8	0.25	1		05/25/11 16:52	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 5-6 **Lab ID:** 257614017 Collected: 05/11/11 12:02 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	3.8	0.26	1		05/25/11 16:52	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		05/25/11 16:52	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.27	1		05/25/11 16:52	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.53	1		05/25/11 16:52	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.49	1		05/25/11 16:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.38	1		05/25/11 16:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.44	1		05/25/11 16:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.32	1		05/25/11 16:52	1634-04-4	
Methylene chloride	ND	ug/kg	12.8	3.4	1		05/25/11 16:52	75-09-2	
Naphthalene	ND	ug/kg	3.8	0.70	1		05/25/11 16:52	91-20-3	
Styrene	ND	ug/kg	3.8	0.37	1		05/25/11 16:52	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	0.49	1		05/25/11 16:52	127-18-4	
Toluene	ND	ug/kg	3.8	0.39	1		05/25/11 16:52	108-88-3	
Trichloroethene	ND	ug/kg	3.8	0.27	1		05/25/11 16:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		05/25/11 16:52	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	0.36	1		05/25/11 16:52	75-01-4	
Xylene (Total)	ND	ug/kg	11.5	0.96	1		05/25/11 16:52	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	0.27	1		05/25/11 16:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.17	1		05/25/11 16:52	10061-01-5	
m&p-Xylene	ND	ug/kg	7.7	0.96	1		05/25/11 16:52	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	0.59	1		05/25/11 16:52	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	0.45	1		05/25/11 16:52	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.42	1		05/25/11 16:52	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	0.49	1		05/25/11 16:52	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	0.54	1		05/25/11 16:52	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.33	1		05/25/11 16:52	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.44	1		05/25/11 16:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		05/25/11 16:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.27	1		05/25/11 16:52	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	80-136		1		05/25/11 16:52	1868-53-7	
Toluene-d8 (S)	103	%	80-120		1		05/25/11 16:52	2037-26-5	
4-Bromofluorobenzene (S)	115	%	72-122		1		05/25/11 16:52	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	80-143		1		05/25/11 16:52	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	31.6	%	0.10	0.10	1		05/16/11 15:34		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 6-8 Lab ID: 257614018 Collected: 05/11/11 12:06 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	177	mg/kg	14.2	2.1	5	05/18/11 08:13	05/20/11 18:12	7440-38-2	
Cadmium	4.3J	mg/kg	7.1	0.078	5	05/18/11 08:13	05/20/11 18:12	7440-43-9	
Lead	82.1	mg/kg	1.4	0.089	1	05/18/11 08:13	05/20/11 20:21	7439-92-1	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.11J	mg/kg	0.17	0.0037	1	05/16/11 14:52	05/19/11 14:46	7439-97-6	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	614	194	1	05/19/11 11:00	05/23/11 02:39	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	87	%	26-135		1	05/19/11 11:00	05/23/11 02:39	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	0.24	1		05/24/11 15:57	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.9	0.30	1		05/24/11 15:57	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	0.45	1		05/24/11 15:57	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.9	0.45	1		05/24/11 15:57	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	0.66	1		05/24/11 15:57	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.9	0.39	1		05/24/11 15:57	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.9	0.61	1		05/24/11 15:57	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.9	0.57	1		05/24/11 15:57	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	0.45	1		05/24/11 15:57	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.9	0.56	1		05/24/11 15:57	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	0.40	1		05/24/11 15:57	120-82-1	
1,2,4-Trimethylbenzene	0.95J	ug/kg	4.9	0.85	1		05/24/11 15:57	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	0.64	1		05/24/11 15:57	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	0.34	1		05/24/11 15:57	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	0.40	1		05/24/11 15:57	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.9	0.36	1		05/24/11 15:57	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.8	0.61	1		05/24/11 15:57	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.9	0.30	1		05/24/11 15:57	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	0.52	1		05/24/11 15:57	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.9	0.31	1		05/24/11 15:57	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.9	0.45	1		05/24/11 15:57	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.9	0.39	1		05/24/11 15:57	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.9	0.30	1		05/24/11 15:57	594-20-7	
2-Butanone (MEK)	13.0J	ug/kg	16.3	2.5	1		05/24/11 15:57	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.9	0.51	1		05/24/11 15:57	95-49-8	
2-Hexanone	ND	ug/kg	16.3	0.59	1		05/24/11 15:57	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.9	0.43	1		05/24/11 15:57	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.3	0.50	1		05/24/11 15:57	108-10-1	
Acetone	55.1	ug/kg	16.3	1.8	1		05/24/11 15:57	67-64-1	
Benzene	0.65J	ug/kg	4.9	0.25	1		05/24/11 15:57	71-43-2	B
Bromobenzene	ND	ug/kg	4.9	0.38	1		05/24/11 15:57	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	0.36	1		05/24/11 15:57	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 6-8 Lab ID: 257614018 Collected: 05/11/11 12:06 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	4.9	0.19	1		05/24/11 15:57	75-27-4	
Bromoform	ND	ug/kg	4.9	0.38	1		05/24/11 15:57	75-25-2	
Bromomethane	ND	ug/kg	4.9	0.52	1		05/24/11 15:57	74-83-9	
Carbon disulfide	ND	ug/kg	4.9	0.46	1		05/24/11 15:57	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	0.30	1		05/24/11 15:57	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	0.30	1		05/24/11 15:57	108-90-7	
Chloroethane	ND	ug/kg	4.9	0.47	1		05/24/11 15:57	75-00-3	
Chloroform	ND	ug/kg	4.9	0.32	1		05/24/11 15:57	67-66-3	
Chloromethane	ND	ug/kg	4.9	0.34	1		05/24/11 15:57	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	0.16	1		05/24/11 15:57	124-48-1	
Dibromomethane	ND	ug/kg	4.9	0.34	1		05/24/11 15:57	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.9	0.68	1		05/24/11 15:57	75-71-8	
Ethylbenzene	ND	ug/kg	4.9	0.62	1		05/24/11 15:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	0.49	1		05/24/11 15:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	0.57	1		05/24/11 15:57	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.9	0.41	1		05/24/11 15:57	1634-04-4	
Methylene chloride	12.6J	ug/kg	16.3	4.3	1		05/24/11 15:57	75-09-2	B
Naphthalene	ND	ug/kg	4.9	0.90	1		05/24/11 15:57	91-20-3	
Styrene	ND	ug/kg	4.9	0.47	1		05/24/11 15:57	100-42-5	
Tetrachloroethene	ND	ug/kg	4.9	0.62	1		05/24/11 15:57	127-18-4	
Toluene	ND	ug/kg	4.9	0.50	1		05/24/11 15:57	108-88-3	
Trichloroethene	ND	ug/kg	4.9	0.34	1		05/24/11 15:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	0.37	1		05/24/11 15:57	75-69-4	
Vinyl chloride	ND	ug/kg	4.9	0.46	1		05/24/11 15:57	75-01-4	
Xylene (Total)	2.3J	ug/kg	14.7	1.2	1		05/24/11 15:57	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.9	0.34	1		05/24/11 15:57	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	0.21	1		05/24/11 15:57	10061-01-5	
m&p-Xylene	1.8J	ug/kg	9.8	1.2	1		05/24/11 15:57	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.9	0.75	1		05/24/11 15:57	104-51-8	
n-Propylbenzene	ND	ug/kg	4.9	0.58	1		05/24/11 15:57	103-65-1	
o-Xylene	ND	ug/kg	4.9	0.53	1		05/24/11 15:57	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.9	0.63	1		05/24/11 15:57	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.9	0.68	1		05/24/11 15:57	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.9	0.42	1		05/24/11 15:57	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.9	0.56	1		05/24/11 15:57	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	0.49	1		05/24/11 15:57	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	0.34	1		05/24/11 15:57	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		80-136		1		05/24/11 15:57	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/24/11 15:57	2037-26-5	
4-Bromofluorobenzene (S)	105 %		72-122		1		05/24/11 15:57	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/24/11 15:57	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **47.8 %** 0.10 0.10 1 05/16/11 15:35

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 8-10 Lab ID: 257614019 Collected: 05/11/11 12:12 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	379	mg/kg	13.5	2.0	5	05/18/11 08:13	05/20/11 18:15	7440-38-2	
Cadmium	10.0	mg/kg	6.8	0.074	5	05/18/11 08:13	05/20/11 18:15	7440-43-9	
Lead	46.9	mg/kg	1.4	0.085	1	05/18/11 08:13	05/20/11 20:24	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.043J	mg/kg	0.18	0.0039	1	05/16/11 14:52	05/19/11 14:48	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	604	191	1	05/19/11 11:00	05/23/11 03:01	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	91	%	26-135		1	05/19/11 11:00	05/23/11 03:01	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	0.28	1		05/24/11 16:14	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.7	0.35	1		05/24/11 16:14	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	0.53	1		05/24/11 16:14	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.7	0.53	1		05/24/11 16:14	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.7	0.77	1		05/24/11 16:14	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.7	0.45	1		05/24/11 16:14	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.7	0.71	1		05/24/11 16:14	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.7	0.66	1		05/24/11 16:14	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	0.53	1		05/24/11 16:14	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.7	0.65	1		05/24/11 16:14	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	0.46	1		05/24/11 16:14	120-82-1	
1,2,4-Trimethylbenzene	1.1J	ug/kg	5.7	0.99	1		05/24/11 16:14	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.5	0.74	1		05/24/11 16:14	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	0.40	1		05/24/11 16:14	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.7	0.47	1		05/24/11 16:14	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.7	0.42	1		05/24/11 16:14	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.4	0.71	1		05/24/11 16:14	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.7	0.34	1		05/24/11 16:14	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	0.61	1		05/24/11 16:14	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.7	0.36	1		05/24/11 16:14	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.7	0.53	1		05/24/11 16:14	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.7	0.46	1		05/24/11 16:14	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.7	0.36	1		05/24/11 16:14	594-20-7	
2-Butanone (MEK)	17.8J	ug/kg	19.0	2.9	1		05/24/11 16:14	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.7	0.60	1		05/24/11 16:14	95-49-8	
2-Hexanone	ND	ug/kg	19.0	0.68	1		05/24/11 16:14	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.7	0.51	1		05/24/11 16:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.0	0.58	1		05/24/11 16:14	108-10-1	
Acetone	80.5	ug/kg	19.0	2.1	1		05/24/11 16:14	67-64-1	
Benzene	0.68J	ug/kg	5.7	0.29	1		05/24/11 16:14	71-43-2	B
Bromobenzene	ND	ug/kg	5.7	0.45	1		05/24/11 16:14	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	0.42	1		05/24/11 16:14	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 8-10 Lab ID: 257614019 Collected: 05/11/11 12:12 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	5.7	0.22	1		05/24/11 16:14	75-27-4	
Bromoform	ND	ug/kg	5.7	0.44	1		05/24/11 16:14	75-25-2	
Bromomethane	ND	ug/kg	5.7	0.60	1		05/24/11 16:14	74-83-9	
Carbon disulfide	2.4J	ug/kg	5.7	0.53	1		05/24/11 16:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	0.35	1		05/24/11 16:14	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	0.35	1		05/24/11 16:14	108-90-7	
Chloroethane	ND	ug/kg	5.7	0.55	1		05/24/11 16:14	75-00-3	
Chloroform	ND	ug/kg	5.7	0.37	1		05/24/11 16:14	67-66-3	
Chloromethane	ND	ug/kg	5.7	0.39	1		05/24/11 16:14	74-87-3	
Dibromochloromethane	ND	ug/kg	5.7	0.19	1		05/24/11 16:14	124-48-1	
Dibromomethane	ND	ug/kg	5.7	0.40	1		05/24/11 16:14	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.7	0.79	1		05/24/11 16:14	75-71-8	
Ethylbenzene	ND	ug/kg	5.7	0.72	1		05/24/11 16:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.7	0.57	1		05/24/11 16:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	0.66	1		05/24/11 16:14	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.7	0.48	1		05/24/11 16:14	1634-04-4	
Methylene chloride	13.1J	ug/kg	19.0	5.0	1		05/24/11 16:14	75-09-2	B
Naphthalene	ND	ug/kg	5.7	1.0	1		05/24/11 16:14	91-20-3	
Styrene	ND	ug/kg	5.7	0.55	1		05/24/11 16:14	100-42-5	
Tetrachloroethene	ND	ug/kg	5.7	0.73	1		05/24/11 16:14	127-18-4	
Toluene	ND	ug/kg	5.7	0.59	1		05/24/11 16:14	108-88-3	
Trichloroethene	ND	ug/kg	5.7	0.40	1		05/24/11 16:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.7	0.44	1		05/24/11 16:14	75-69-4	
Vinyl chloride	ND	ug/kg	5.7	0.53	1		05/24/11 16:14	75-01-4	
Xylene (Total)	2.7J	ug/kg	17.1	1.4	1		05/24/11 16:14	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	5.7	0.40	1		05/24/11 16:14	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	0.25	1		05/24/11 16:14	10061-01-5	
m&p-Xylene	2.2J	ug/kg	11.4	1.4	1		05/24/11 16:14	179601-23-1	B
n-Butylbenzene	ND	ug/kg	5.7	0.87	1		05/24/11 16:14	104-51-8	
n-Propylbenzene	ND	ug/kg	5.7	0.67	1		05/24/11 16:14	103-65-1	
o-Xylene	ND	ug/kg	5.7	0.62	1		05/24/11 16:14	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.7	0.73	1		05/24/11 16:14	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.7	0.80	1		05/24/11 16:14	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.7	0.49	1		05/24/11 16:14	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.7	0.66	1		05/24/11 16:14	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	0.57	1		05/24/11 16:14	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	0.40	1		05/24/11 16:14	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/24/11 16:14	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/24/11 16:14	2037-26-5	
4-Bromofluorobenzene (S)	103 %		72-122		1		05/24/11 16:14	460-00-4	
1,2-Dichloroethane-d4 (S)	105 %		80-143		1		05/24/11 16:14	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	46.8 %	0.10	0.10	1	05/16/11 15:36
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_24 10-12 Lab ID: 257614020 Collected: 05/11/11 12:18 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	803	mg/kg	15.0	2.2	5	05/18/11 08:13	05/20/11 18:18	7440-38-2	
Cadmium	25.6	mg/kg	1.5	0.017	1	05/18/11 08:13	05/20/11 20:27	7440-43-9	
Lead	547	mg/kg	1.5	0.095	1	05/18/11 08:13	05/20/11 20:27	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.17	mg/kg	0.11	0.0023	1	05/16/11 14:52	05/19/11 14:50	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	555	176	1	05/19/11 11:00	05/23/11 03:24	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	83	%	26-135		1	05/19/11 11:00	05/23/11 03:24	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	0.30	1		05/24/11 16:31	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.1	0.37	1		05/24/11 16:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	0.56	1		05/24/11 16:31	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.1	0.57	1		05/24/11 16:31	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.1	0.82	1		05/24/11 16:31	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.1	0.48	1		05/24/11 16:31	75-34-3	
1,1-Dichloroethene	ND	ug/kg	6.1	0.75	1		05/24/11 16:31	75-35-4	
1,1-Dichloropropene	ND	ug/kg	6.1	0.71	1		05/24/11 16:31	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	0.56	1		05/24/11 16:31	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	6.1	0.69	1		05/24/11 16:31	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	0.49	1		05/24/11 16:31	120-82-1	
1,2,4-Trimethylbenzene	1.6J	ug/kg	6.1	1.1	1		05/24/11 16:31	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.2	0.79	1		05/24/11 16:31	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	0.43	1		05/24/11 16:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.1	0.50	1		05/24/11 16:31	95-50-1	
1,2-Dichloroethane	ND	ug/kg	6.1	0.45	1		05/24/11 16:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	12.2	0.75	1		05/24/11 16:31	540-59-0	
1,2-Dichloropropane	ND	ug/kg	6.1	0.37	1		05/24/11 16:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	0.65	1		05/24/11 16:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	6.1	0.39	1		05/24/11 16:31	541-73-1	
1,3-Dichloropropane	ND	ug/kg	6.1	0.56	1		05/24/11 16:31	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	6.1	0.49	1		05/24/11 16:31	106-46-7	
2,2-Dichloropropane	ND	ug/kg	6.1	0.38	1		05/24/11 16:31	594-20-7	
2-Butanone (MEK)	49.3	ug/kg	20.3	3.1	1		05/24/11 16:31	78-93-3	
2-Chlorotoluene	ND	ug/kg	6.1	0.64	1		05/24/11 16:31	95-49-8	
2-Hexanone	ND	ug/kg	20.3	0.73	1		05/24/11 16:31	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.1	0.54	1		05/24/11 16:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.3	0.62	1		05/24/11 16:31	108-10-1	
Acetone	203	ug/kg	20.3	2.2	1		05/24/11 16:31	67-64-1	
Benzene	1.0J	ug/kg	6.1	0.30	1		05/24/11 16:31	71-43-2	B
Bromobenzene	ND	ug/kg	6.1	0.48	1		05/24/11 16:31	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	0.45	1		05/24/11 16:31	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 10-12 Lab ID: 257614020 Collected: 05/11/11 12:18 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	6.1	0.24	1		05/24/11 16:31	75-27-4	
Bromoform	ND	ug/kg	6.1	0.47	1		05/24/11 16:31	75-25-2	
Bromomethane	ND	ug/kg	6.1	0.64	1		05/24/11 16:31	74-83-9	
Carbon disulfide	ND	ug/kg	6.1	0.57	1		05/24/11 16:31	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.1	0.37	1		05/24/11 16:31	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	0.37	1		05/24/11 16:31	108-90-7	
Chloroethane	ND	ug/kg	6.1	0.59	1		05/24/11 16:31	75-00-3	
Chloroform	ND	ug/kg	6.1	0.39	1		05/24/11 16:31	67-66-3	
Chloromethane	ND	ug/kg	6.1	0.42	1		05/24/11 16:31	74-87-3	
Dibromochloromethane	ND	ug/kg	6.1	0.20	1		05/24/11 16:31	124-48-1	
Dibromomethane	ND	ug/kg	6.1	0.42	1		05/24/11 16:31	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.1	0.84	1		05/24/11 16:31	75-71-8	
Ethylbenzene	0.79J	ug/kg	6.1	0.77	1		05/24/11 16:31	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	0.60	1		05/24/11 16:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	0.70	1		05/24/11 16:31	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.1	0.51	1		05/24/11 16:31	1634-04-4	
Methylene chloride	16.9J	ug/kg	20.3	5.4	1		05/24/11 16:31	75-09-2	B
Naphthalene	1.2J	ug/kg	6.1	1.1	1		05/24/11 16:31	91-20-3	B
Styrene	ND	ug/kg	6.1	0.58	1		05/24/11 16:31	100-42-5	
Tetrachloroethene	ND	ug/kg	6.1	0.78	1		05/24/11 16:31	127-18-4	
Toluene	40.4	ug/kg	6.1	0.63	1		05/24/11 16:31	108-88-3	
Trichloroethene	ND	ug/kg	6.1	0.43	1		05/24/11 16:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	0.47	1		05/24/11 16:31	75-69-4	
Vinyl chloride	ND	ug/kg	6.1	0.57	1		05/24/11 16:31	75-01-4	
Xylene (Total)	3.4J	ug/kg	18.3	1.5	1		05/24/11 16:31	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	6.1	0.42	1		05/24/11 16:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	0.26	1		05/24/11 16:31	10061-01-5	
m&p-Xylene	2.5J	ug/kg	12.2	1.5	1		05/24/11 16:31	179601-23-1	B
n-Butylbenzene	ND	ug/kg	6.1	0.93	1		05/24/11 16:31	104-51-8	
n-Propylbenzene	ND	ug/kg	6.1	0.71	1		05/24/11 16:31	103-65-1	
o-Xylene	0.86J	ug/kg	6.1	0.66	1		05/24/11 16:31	95-47-6	B
p-Isopropyltoluene	3.5J	ug/kg	6.1	0.78	1		05/24/11 16:31	99-87-6	
sec-Butylbenzene	ND	ug/kg	6.1	0.85	1		05/24/11 16:31	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	6.1	0.53	1		05/24/11 16:31	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.1	0.70	1		05/24/11 16:31	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	0.61	1		05/24/11 16:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	0.43	1		05/24/11 16:31	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/24/11 16:31	1868-53-7	
Toluene-d8 (S)	103 %		80-120		1		05/24/11 16:31	2037-26-5	
4-Bromofluorobenzene (S)	110 %		72-122		1		05/24/11 16:31	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		80-143		1		05/24/11 16:31	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **40.7 %** 0.10 0.10 1 05/16/11 15:37

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_24 12-14 Lab ID: 257614021 Collected: 05/11/11 12:23 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	38.0	mg/kg	9.0	1.3	5	05/18/11 08:13	05/20/11 18:27	7440-38-2	
Cadmium	0.70J	mg/kg	4.5	0.049	5	05/18/11 08:13	05/20/11 18:27	7440-43-9	
Lead	2.8	mg/kg	0.90	0.057	1	05/18/11 08:13	05/20/11 20:30	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.0076J	mg/kg	0.087	0.0018	1	05/16/11 14:52	05/19/11 14:52	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	399	126	1	05/19/11 11:00	05/23/11 03:47	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	76	%	26-135		1	05/19/11 11:00	05/23/11 03:47	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		05/24/11 16:48	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		05/24/11 16:48	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		05/24/11 16:48	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		05/24/11 16:48	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.45	1		05/24/11 16:48	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		05/24/11 16:48	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		05/24/11 16:48	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.39	1		05/24/11 16:48	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		05/24/11 16:48	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		05/24/11 16:48	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		05/24/11 16:48	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.57	1		05/24/11 16:48	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		05/24/11 16:48	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		05/24/11 16:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/24/11 16:48	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.25	1		05/24/11 16:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.6	0.41	1		05/24/11 16:48	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		05/24/11 16:48	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		05/24/11 16:48	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		05/24/11 16:48	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		05/24/11 16:48	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/24/11 16:48	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		05/24/11 16:48	594-20-7	
2-Butanone (MEK)	4.9J	ug/kg	11.1	1.7	1		05/24/11 16:48	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		05/24/11 16:48	95-49-8	
2-Hexanone	ND	ug/kg	11.1	0.40	1		05/24/11 16:48	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		05/24/11 16:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.1	0.34	1		05/24/11 16:48	108-10-1	
Acetone	38.8	ug/kg	11.1	1.2	1		05/24/11 16:48	67-64-1	
Benzene	0.31J	ug/kg	3.3	0.17	1		05/24/11 16:48	71-43-2	B
Bromobenzene	ND	ug/kg	3.3	0.26	1		05/24/11 16:48	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		05/24/11 16:48	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24_12-14 Lab ID: 257614021 Collected: 05/11/11 12:23 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		05/24/11 16:48	75-27-4	
Bromoform	ND	ug/kg	3.3	0.26	1		05/24/11 16:48	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		05/24/11 16:48	74-83-9	
Carbon disulfide	ND	ug/kg	3.3	0.31	1		05/24/11 16:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		05/24/11 16:48	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		05/24/11 16:48	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		05/24/11 16:48	75-00-3	
Chloroform	ND	ug/kg	3.3	0.22	1		05/24/11 16:48	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		05/24/11 16:48	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		05/24/11 16:48	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		05/24/11 16:48	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		05/24/11 16:48	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		05/24/11 16:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		05/24/11 16:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		05/24/11 16:48	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.28	1		05/24/11 16:48	1634-04-4	
Methylene chloride	9.1J	ug/kg	11.1	2.9	1		05/24/11 16:48	75-09-2	B
Naphthalene	ND	ug/kg	3.3	0.61	1		05/24/11 16:48	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		05/24/11 16:48	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		05/24/11 16:48	127-18-4	
Toluene	ND	ug/kg	3.3	0.34	1		05/24/11 16:48	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		05/24/11 16:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		05/24/11 16:48	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		05/24/11 16:48	75-01-4	
Xylene (Total)	1.6J	ug/kg	10	0.83	1		05/24/11 16:48	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		05/24/11 16:48	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		05/24/11 16:48	10061-01-5	
m&p-Xylene	1.2J	ug/kg	6.6	0.83	1		05/24/11 16:48	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.3	0.51	1		05/24/11 16:48	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		05/24/11 16:48	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		05/24/11 16:48	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.43	1		05/24/11 16:48	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		05/24/11 16:48	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.29	1		05/24/11 16:48	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		05/24/11 16:48	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		05/24/11 16:48	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		05/24/11 16:48	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		80-136		1		05/24/11 16:48	1868-53-7	
Toluene-d8 (S)	100 %		80-120		1		05/24/11 16:48	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/24/11 16:48	460-00-4	
1,2-Dichloroethane-d4 (S)	96 %		80-143		1		05/24/11 16:48	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	19.4 %	0.10	0.10	1	05/16/11 15:38
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_24 14-16 **Lab ID: 257614022** Collected: 05/11/11 12:30 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	12.9	mg/kg	9.5	1.4	5	05/18/11 08:13	05/20/11 18:30	7440-38-2	
Cadmium	ND	mg/kg	4.8	0.052	5	05/18/11 08:13	05/20/11 18:30	7440-43-9	
Lead	10.0	mg/kg	0.95	0.060	1	05/18/11 08:13	05/20/11 20:33	7439-92-1	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.0063J	mg/kg	0.10	0.0022	1	05/16/11 14:52	05/19/11 14:59	7439-97-6	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	371	117	1	05/19/11 11:00	05/23/11 04:10	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	69	%	26-135		1	05/19/11 11:00	05/23/11 04:10	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		05/25/11 17:12	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		05/25/11 17:12	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		05/25/11 17:12	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		05/25/11 17:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.45	1		05/25/11 17:12	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		05/25/11 17:12	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		05/25/11 17:12	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.39	1		05/25/11 17:12	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		05/25/11 17:12	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		05/25/11 17:12	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		05/25/11 17:12	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.58	1		05/25/11 17:12	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.43	1		05/25/11 17:12	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		05/25/11 17:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/25/11 17:12	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.25	1		05/25/11 17:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.41	1		05/25/11 17:12	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		05/25/11 17:12	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.36	1		05/25/11 17:12	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		05/25/11 17:12	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		05/25/11 17:12	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/25/11 17:12	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		05/25/11 17:12	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.1	1.7	1		05/25/11 17:12	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		05/25/11 17:12	95-49-8	
2-Hexanone	ND	ug/kg	11.1	0.40	1		05/25/11 17:12	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.30	1		05/25/11 17:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.1	0.34	1		05/25/11 17:12	108-10-1	
Acetone	ND	ug/kg	11.1	1.2	1		05/25/11 17:12	67-64-1	
Benzene	ND	ug/kg	3.3	0.17	1		05/25/11 17:12	71-43-2	
Bromobenzene	ND	ug/kg	3.3	0.26	1		05/25/11 17:12	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.25	1		05/25/11 17:12	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 14-16 Lab ID: 257614022 Collected: 05/11/11 12:30 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		05/25/11 17:12	75-27-4	
Bromoform	ND	ug/kg	3.3	0.26	1		05/25/11 17:12	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		05/25/11 17:12	74-83-9	
Carbon disulfide	ND	ug/kg	3.3	0.31	1		05/25/11 17:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		05/25/11 17:12	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		05/25/11 17:12	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		05/25/11 17:12	75-00-3	
Chloroform	ND	ug/kg	3.3	0.22	1		05/25/11 17:12	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		05/25/11 17:12	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		05/25/11 17:12	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		05/25/11 17:12	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		05/25/11 17:12	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		05/25/11 17:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		05/25/11 17:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.39	1		05/25/11 17:12	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.28	1		05/25/11 17:12	1634-04-4	
Methylene chloride	ND	ug/kg	11.1	2.9	1		05/25/11 17:12	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.61	1		05/25/11 17:12	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		05/25/11 17:12	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.43	1		05/25/11 17:12	127-18-4	
Toluene	ND	ug/kg	3.3	0.34	1		05/25/11 17:12	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		05/25/11 17:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.26	1		05/25/11 17:12	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		05/25/11 17:12	75-01-4	
Xylene (Total)	ND	ug/kg	10.0	0.83	1		05/25/11 17:12	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		05/25/11 17:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.15	1		05/25/11 17:12	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.83	1		05/25/11 17:12	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.51	1		05/25/11 17:12	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		05/25/11 17:12	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		05/25/11 17:12	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.43	1		05/25/11 17:12	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.47	1		05/25/11 17:12	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.29	1		05/25/11 17:12	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		05/25/11 17:12	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		05/25/11 17:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		05/25/11 17:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		80-136		1		05/25/11 17:12	1868-53-7	
Toluene-d8 (S)	98 %		80-120		1		05/25/11 17:12	2037-26-5	
4-Bromofluorobenzene (S)	104 %		72-122		1		05/25/11 17:12	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		80-143		1		05/25/11 17:12	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	13.4 %	0.10	0.10	1	05/16/11 15:39
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 Dup Lab ID: 257614023 Collected: 05/11/11 12:33 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	144	mg/kg	13.7	2.0	5	05/18/11 08:13	05/20/11 18:33	7440-38-2	
Cadmium	3.2J	mg/kg	6.9	0.075	5	05/18/11 08:13	05/20/11 18:33	7440-43-9	
Lead	89.1	mg/kg	1.4	0.086	1	05/18/11 08:13	05/20/11 20:36	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.069J	mg/kg	0.12	0.0026	1	05/16/11 14:52	05/19/11 15:01	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	591	187	1	05/19/11 11:00	05/23/11 04:32	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	77	%	26-135		1	05/19/11 11:00	05/23/11 04:32	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	0.30	1		05/25/11 17:32	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.2	0.38	1		05/25/11 17:32	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	0.57	1		05/25/11 17:32	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.2	0.57	1		05/25/11 17:32	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.2	0.83	1		05/25/11 17:32	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.2	0.49	1		05/25/11 17:32	75-34-3	
1,1-Dichloroethene	ND	ug/kg	6.2	0.76	1		05/25/11 17:32	75-35-4	
1,1-Dichloropropene	ND	ug/kg	6.2	0.72	1		05/25/11 17:32	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	0.57	1		05/25/11 17:32	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	6.2	0.70	1		05/25/11 17:32	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	0.50	1		05/25/11 17:32	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	6.2	1.1	1		05/25/11 17:32	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.3	0.80	1		05/25/11 17:32	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	0.43	1		05/25/11 17:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.2	0.51	1		05/25/11 17:32	95-50-1	
1,2-Dichloroethane	ND	ug/kg	6.2	0.46	1		05/25/11 17:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	12.4	0.76	1		05/25/11 17:32	540-59-0	
1,2-Dichloropropane	ND	ug/kg	6.2	0.37	1		05/25/11 17:32	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	6.2	0.66	1		05/25/11 17:32	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	6.2	0.39	1		05/25/11 17:32	541-73-1	
1,3-Dichloropropane	ND	ug/kg	6.2	0.57	1		05/25/11 17:32	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	6.2	0.49	1		05/25/11 17:32	106-46-7	
2,2-Dichloropropane	ND	ug/kg	6.2	0.38	1		05/25/11 17:32	594-20-7	
2-Butanone (MEK)	ND	ug/kg	20.6	3.1	1		05/25/11 17:32	78-93-3	
2-Chlorotoluene	ND	ug/kg	6.2	0.65	1		05/25/11 17:32	95-49-8	
2-Hexanone	ND	ug/kg	20.6	0.74	1		05/25/11 17:32	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.2	0.55	1		05/25/11 17:32	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.6	0.63	1		05/25/11 17:32	108-10-1	
Acetone	ND	ug/kg	20.6	2.3	1		05/25/11 17:32	67-64-1	
Benzene	ND	ug/kg	6.2	0.31	1		05/25/11 17:32	71-43-2	
Bromobenzene	ND	ug/kg	6.2	0.48	1		05/25/11 17:32	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	0.45	1		05/25/11 17:32	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_24 Dup Lab ID: 257614023 Collected: 05/11/11 12:33 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	6.2	0.24	1		05/25/11 17:32	75-27-4	
Bromoform	ND	ug/kg	6.2	0.48	1		05/25/11 17:32	75-25-2	
Bromomethane	ND	ug/kg	6.2	0.65	1		05/25/11 17:32	74-83-9	
Carbon disulfide	ND	ug/kg	6.2	0.57	1		05/25/11 17:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.2	0.37	1		05/25/11 17:32	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	0.38	1		05/25/11 17:32	108-90-7	
Chloroethane	ND	ug/kg	6.2	0.60	1		05/25/11 17:32	75-00-3	
Chloroform	ND	ug/kg	6.2	0.40	1		05/25/11 17:32	67-66-3	
Chloromethane	ND	ug/kg	6.2	0.42	1		05/25/11 17:32	74-87-3	
Dibromochloromethane	ND	ug/kg	6.2	0.21	1		05/25/11 17:32	124-48-1	
Dibromomethane	ND	ug/kg	6.2	0.43	1		05/25/11 17:32	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.2	0.86	1		05/25/11 17:32	75-71-8	
Ethylbenzene	ND	ug/kg	6.2	0.78	1		05/25/11 17:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.2	0.61	1		05/25/11 17:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	0.71	1		05/25/11 17:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.2	0.51	1		05/25/11 17:32	1634-04-4	
Methylene chloride	ND	ug/kg	20.6	5.4	1		05/25/11 17:32	75-09-2	
Naphthalene	ND	ug/kg	6.2	1.1	1		05/25/11 17:32	91-20-3	
Styrene	ND	ug/kg	6.2	0.59	1		05/25/11 17:32	100-42-5	
Tetrachloroethene	ND	ug/kg	6.2	0.79	1		05/25/11 17:32	127-18-4	
Toluene	ND	ug/kg	6.2	0.64	1		05/25/11 17:32	108-88-3	
Trichloroethene	ND	ug/kg	6.2	0.43	1		05/25/11 17:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	0.47	1		05/25/11 17:32	75-69-4	
Vinyl chloride	ND	ug/kg	6.2	0.58	1		05/25/11 17:32	75-01-4	
Xylene (Total)	ND	ug/kg	18.5	1.5	1		05/25/11 17:32	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	0.43	1		05/25/11 17:32	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	0.27	1		05/25/11 17:32	10061-01-5	
m&p-Xylene	ND	ug/kg	12.4	1.5	1		05/25/11 17:32	179601-23-1	
n-Butylbenzene	ND	ug/kg	6.2	0.94	1		05/25/11 17:32	104-51-8	
n-Propylbenzene	ND	ug/kg	6.2	0.73	1		05/25/11 17:32	103-65-1	
o-Xylene	ND	ug/kg	6.2	0.67	1		05/25/11 17:32	95-47-6	
p-Isopropyltoluene	ND	ug/kg	6.2	0.79	1		05/25/11 17:32	99-87-6	
sec-Butylbenzene	ND	ug/kg	6.2	0.86	1		05/25/11 17:32	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	6.2	0.53	1		05/25/11 17:32	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.2	0.71	1		05/25/11 17:32	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	0.62	1		05/25/11 17:32	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	0.43	1		05/25/11 17:32	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	111 %		80-136		1		05/25/11 17:32	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/25/11 17:32	2037-26-5	
4-Bromofluorobenzene (S)	103 %		72-122		1		05/25/11 17:32	460-00-4	
1,2-Dichloroethane-d4 (S)	128 %		80-143		1		05/25/11 17:32	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	45.9 %	0.10	0.10	1	05/16/11 15:40
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: Trip Blank 3 Lab ID: 257614024 Collected: 05/11/11 00:00 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		05/24/11 11:57	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		05/24/11 11:57	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		05/24/11 11:57	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		05/24/11 11:57	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		05/24/11 11:57	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		05/24/11 11:57	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		05/24/11 11:57	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		05/24/11 11:57	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		05/24/11 11:57	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		05/24/11 11:57	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		05/24/11 11:57	120-82-1	
1,2,4-Trimethylbenzene	0.70J	ug/kg	3.0	0.52	1		05/24/11 11:57	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		05/24/11 11:57	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		05/24/11 11:57	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		05/24/11 11:57	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		05/24/11 11:57	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		05/24/11 11:57	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		05/24/11 11:57	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		05/24/11 11:57	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		05/24/11 11:57	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		05/24/11 11:57	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		05/24/11 11:57	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		05/24/11 11:57	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		05/24/11 11:57	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		05/24/11 11:57	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		05/24/11 11:57	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		05/24/11 11:57	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		05/24/11 11:57	108-10-1	
Acetone	ND	ug/kg	10.0	1.1	1		05/24/11 11:57	67-64-1	
Benzene	0.40J	ug/kg	3.0	0.15	1		05/24/11 11:57	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.23	1		05/24/11 11:57	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		05/24/11 11:57	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		05/24/11 11:57	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		05/24/11 11:57	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		05/24/11 11:57	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		05/24/11 11:57	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		05/24/11 11:57	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		05/24/11 11:57	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		05/24/11 11:57	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		05/24/11 11:57	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		05/24/11 11:57	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		05/24/11 11:57	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		05/24/11 11:57	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		05/24/11 11:57	75-71-8	
Ethylbenzene	0.48J	ug/kg	3.0	0.38	1		05/24/11 11:57	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: Trip Blank 3 **Lab ID:** 257614024 Collected: 05/11/11 00:00 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		05/24/11 11:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		05/24/11 11:57	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		05/24/11 11:57	1634-04-4	
Methylene chloride	3.2J	ug/kg	10.0	2.6	1		05/24/11 11:57	75-09-2	B
Naphthalene	ND	ug/kg	3.0	0.55	1		05/24/11 11:57	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		05/24/11 11:57	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		05/24/11 11:57	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		05/24/11 11:57	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		05/24/11 11:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		05/24/11 11:57	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		05/24/11 11:57	75-01-4	
Xylene (Total)	2.2J	ug/kg	9.0	0.75	1		05/24/11 11:57	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		05/24/11 11:57	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		05/24/11 11:57	10061-01-5	
m&p-Xylene	1.7J	ug/kg	6.0	0.75	1		05/24/11 11:57	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		05/24/11 11:57	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		05/24/11 11:57	103-65-1	
o-Xylene	0.45J	ug/kg	3.0	0.33	1		05/24/11 11:57	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		05/24/11 11:57	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		05/24/11 11:57	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		05/24/11 11:57	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		05/24/11 11:57	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		05/24/11 11:57	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		05/24/11 11:57	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		80-136		1		05/24/11 11:57	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/24/11 11:57	2037-26-5	
4-Bromofluorobenzene (S)	102 %		72-122		1		05/24/11 11:57	460-00-4	
1,2-Dichloroethane-d4 (S)	96 %		80-143		1		05/24/11 11:57	17060-07-0	

Sample: SUP_SL_25 4-5 **Lab ID:** 257614025 Collected: 05/11/11 10:30 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2860	mg/kg	11.9	1.8	5	05/18/11 08:13	05/20/11 18:36	7440-38-2	
Cadmium	78.4	mg/kg	5.9	0.065	5	05/18/11 08:13	05/20/11 18:36	7440-43-9	
Lead	1880	mg/kg	5.9	0.37	5	05/18/11 08:13	05/20/11 18:36	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.76	mg/kg	0.12	0.0025	1	05/16/11 14:52	05/19/11 15:03	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 4-5 Lab ID: 257614025 Collected: 05/11/11 10:30 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	522	165	1	05/19/11 11:00	05/23/11 04:55	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	89	%	26-135		1	05/19/11 11:00	05/23/11 04:55	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	0.23	1		05/25/11 17:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.8	0.29	1		05/25/11 17:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	0.44	1		05/25/11 17:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.8	0.44	1		05/25/11 17:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.8	0.64	1		05/25/11 17:52	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.8	0.38	1		05/25/11 17:52	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.8	0.59	1		05/25/11 17:52	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.8	0.55	1		05/25/11 17:52	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	0.44	1		05/25/11 17:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.8	0.54	1		05/25/11 17:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	0.39	1		05/25/11 17:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	0.82	1		05/25/11 17:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.9	0.62	1		05/25/11 17:52	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	0.33	1		05/25/11 17:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.8	0.39	1		05/25/11 17:52	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.8	0.35	1		05/25/11 17:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.5	0.59	1		05/25/11 17:52	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.8	0.29	1		05/25/11 17:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	0.51	1		05/25/11 17:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.8	0.30	1		05/25/11 17:52	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.8	0.44	1		05/25/11 17:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.8	0.38	1		05/25/11 17:52	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.8	0.30	1		05/25/11 17:52	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.8	2.4	1		05/25/11 17:52	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.8	0.50	1		05/25/11 17:52	95-49-8	
2-Hexanone	ND	ug/kg	15.8	0.57	1		05/25/11 17:52	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.8	0.42	1		05/25/11 17:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.8	0.48	1		05/25/11 17:52	108-10-1	
Acetone	156	ug/kg	15.8	1.7	1		05/25/11 17:52	67-64-1	
Benzene	ND	ug/kg	4.8	0.24	1		05/25/11 17:52	71-43-2	
Bromobenzene	ND	ug/kg	4.8	0.37	1		05/25/11 17:52	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	0.35	1		05/25/11 17:52	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	0.19	1		05/25/11 17:52	75-27-4	
Bromoform	ND	ug/kg	4.8	0.37	1		05/25/11 17:52	75-25-2	
Bromomethane	ND	ug/kg	4.8	0.50	1		05/25/11 17:52	74-83-9	
Carbon disulfide	ND	ug/kg	4.8	0.44	1		05/25/11 17:52	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	0.29	1		05/25/11 17:52	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	0.29	1		05/25/11 17:52	108-90-7	
Chloroethane	ND	ug/kg	4.8	0.46	1		05/25/11 17:52	75-00-3	
Chloroform	ND	ug/kg	4.8	0.31	1		05/25/11 17:52	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 4-5 **Lab ID:** 257614025 Collected: 05/11/11 10:30 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	4.8	0.33	1		05/25/11 17:52	74-87-3	
Dibromochloromethane	ND	ug/kg	4.8	0.16	1		05/25/11 17:52	124-48-1	
Dibromomethane	ND	ug/kg	4.8	0.33	1		05/25/11 17:52	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.8	0.66	1		05/25/11 17:52	75-71-8	
Ethylbenzene	ND	ug/kg	4.8	0.60	1		05/25/11 17:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	0.47	1		05/25/11 17:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	0.55	1		05/25/11 17:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.8	0.40	1		05/25/11 17:52	1634-04-4	
Methylene chloride	ND	ug/kg	15.8	4.2	1		05/25/11 17:52	75-09-2	
Naphthalene	ND	ug/kg	4.8	0.87	1		05/25/11 17:52	91-20-3	
Styrene	ND	ug/kg	4.8	0.46	1		05/25/11 17:52	100-42-5	
Tetrachloroethene	ND	ug/kg	4.8	0.61	1		05/25/11 17:52	127-18-4	
Toluene	24.9	ug/kg	4.8	0.49	1		05/25/11 17:52	108-88-3	
Trichloroethene	ND	ug/kg	4.8	0.33	1		05/25/11 17:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	0.36	1		05/25/11 17:52	75-69-4	
Vinyl chloride	ND	ug/kg	4.8	0.44	1		05/25/11 17:52	75-01-4	
Xylene (Total)	ND	ug/kg	14.3	1.2	1		05/25/11 17:52	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	0.33	1		05/25/11 17:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	0.21	1		05/25/11 17:52	10061-01-5	
m&p-Xylene	ND	ug/kg	9.5	1.2	1		05/25/11 17:52	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.8	0.72	1		05/25/11 17:52	104-51-8	
n-Propylbenzene	ND	ug/kg	4.8	0.56	1		05/25/11 17:52	103-65-1	
o-Xylene	ND	ug/kg	4.8	0.52	1		05/25/11 17:52	95-47-6	
p-Isopropyltoluene	3.7J	ug/kg	4.8	0.61	1		05/25/11 17:52	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.8	0.66	1		05/25/11 17:52	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.8	0.41	1		05/25/11 17:52	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.8	0.55	1		05/25/11 17:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	0.47	1		05/25/11 17:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	0.33	1		05/25/11 17:52	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%		80-136		1	05/25/11 17:52	1868-53-7	
Toluene-d8 (S)	110	%		80-120		1	05/25/11 17:52	2037-26-5	
4-Bromofluorobenzene (S)	118	%		72-122		1	05/25/11 17:52	460-00-4	
1,2-Dichloroethane-d4 (S)	118	%		80-143		1	05/25/11 17:52	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	38.0	%		0.10		0.10	1	05/16/11 15:40	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 5-6 **Lab ID:** 257614026 Collected: 05/11/11 10:35 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5220	mg/kg	36.3	5.4	10	05/18/11 08:13	05/22/11 18:41	7440-38-2	
Cadmium	152	mg/kg	1.8	0.020	1	05/18/11 08:13	05/20/11 20:48	7440-43-9	
Lead	145	mg/kg	1.8	0.11	1	05/18/11 08:13	05/20/11 20:48	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.12J	mg/kg	0.13	0.0027	1	05/16/11 14:52	05/19/11 15:05	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	618	196	1	05/19/11 11:00	05/23/11 05:17	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	78	%	26-135		1	05/19/11 11:00	05/23/11 05:17	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.9	0.29	1		05/25/11 18:12	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.9	0.36	1		05/25/11 18:12	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.9	0.55	1		05/25/11 18:12	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.9	0.55	1		05/25/11 18:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.9	0.79	1		05/25/11 18:12	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.9	0.47	1		05/25/11 18:12	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.9	0.73	1		05/25/11 18:12	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.9	0.69	1		05/25/11 18:12	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.9	0.55	1		05/25/11 18:12	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.9	0.67	1		05/25/11 18:12	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.9	0.48	1		05/25/11 18:12	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	1.0	1		05/25/11 18:12	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.8	0.77	1		05/25/11 18:12	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.9	0.41	1		05/25/11 18:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.9	0.48	1		05/25/11 18:12	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.9	0.44	1		05/25/11 18:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.8	0.73	1		05/25/11 18:12	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.9	0.36	1		05/25/11 18:12	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	0.63	1		05/25/11 18:12	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.9	0.37	1		05/25/11 18:12	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.9	0.55	1		05/25/11 18:12	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.9	0.47	1		05/25/11 18:12	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.9	0.37	1		05/25/11 18:12	594-20-7	
2-Butanone (MEK)	ND	ug/kg	19.7	3.0	1		05/25/11 18:12	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.9	0.62	1		05/25/11 18:12	95-49-8	
2-Hexanone	ND	ug/kg	19.7	0.71	1		05/25/11 18:12	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.9	0.52	1		05/25/11 18:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.7	0.60	1		05/25/11 18:12	108-10-1	
Acetone	ND	ug/kg	19.7	2.2	1		05/25/11 18:12	67-64-1	
Benzene	ND	ug/kg	5.9	0.30	1		05/25/11 18:12	71-43-2	
Bromobenzene	ND	ug/kg	5.9	0.46	1		05/25/11 18:12	108-86-1	
Bromochloromethane	ND	ug/kg	5.9	0.43	1		05/25/11 18:12	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 5-6 Lab ID: 257614026 Collected: 05/11/11 10:35 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	5.9	0.23	1		05/25/11 18:12	75-27-4	
Bromoform	ND	ug/kg	5.9	0.46	1		05/25/11 18:12	75-25-2	
Bromomethane	ND	ug/kg	5.9	0.63	1		05/25/11 18:12	74-83-9	
Carbon disulfide	ND	ug/kg	5.9	0.55	1		05/25/11 18:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.9	0.36	1		05/25/11 18:12	56-23-5	
Chlorobenzene	ND	ug/kg	5.9	0.36	1		05/25/11 18:12	108-90-7	
Chloroethane	ND	ug/kg	5.9	0.57	1		05/25/11 18:12	75-00-3	
Chloroform	ND	ug/kg	5.9	0.38	1		05/25/11 18:12	67-66-3	
Chloromethane	ND	ug/kg	5.9	0.41	1		05/25/11 18:12	74-87-3	
Dibromochloromethane	ND	ug/kg	5.9	0.20	1		05/25/11 18:12	124-48-1	
Dibromomethane	ND	ug/kg	5.9	0.41	1		05/25/11 18:12	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.9	0.82	1		05/25/11 18:12	75-71-8	
Ethylbenzene	ND	ug/kg	5.9	0.75	1		05/25/11 18:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.9	0.58	1		05/25/11 18:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	0.68	1		05/25/11 18:12	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.9	0.49	1		05/25/11 18:12	1634-04-4	
Methylene chloride	ND	ug/kg	19.7	5.2	1		05/25/11 18:12	75-09-2	
Naphthalene	ND	ug/kg	5.9	1.1	1		05/25/11 18:12	91-20-3	
Styrene	ND	ug/kg	5.9	0.57	1		05/25/11 18:12	100-42-5	
Tetrachloroethene	ND	ug/kg	5.9	0.75	1		05/25/11 18:12	127-18-4	
Toluene	260	ug/kg	5.9	0.61	1		05/25/11 18:12	108-88-3	
Trichloroethene	ND	ug/kg	5.9	0.41	1		05/25/11 18:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.9	0.45	1		05/25/11 18:12	75-69-4	
Vinyl chloride	ND	ug/kg	5.9	0.55	1		05/25/11 18:12	75-01-4	
Xylene (Total)	ND	ug/kg	17.7	1.5	1		05/25/11 18:12	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5.9	0.41	1		05/25/11 18:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.9	0.26	1		05/25/11 18:12	10061-01-5	
m&p-Xylene	ND	ug/kg	11.8	1.5	1		05/25/11 18:12	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.9	0.90	1		05/25/11 18:12	104-51-8	
n-Propylbenzene	ND	ug/kg	5.9	0.69	1		05/25/11 18:12	103-65-1	
o-Xylene	ND	ug/kg	5.9	0.64	1		05/25/11 18:12	95-47-6	
p-Isopropyltoluene	2.4J	ug/kg	5.9	0.76	1		05/25/11 18:12	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.9	0.82	1		05/25/11 18:12	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.9	0.51	1		05/25/11 18:12	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.9	0.68	1		05/25/11 18:12	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.9	0.59	1		05/25/11 18:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.9	0.41	1		05/25/11 18:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109 %		80-136		1		05/25/11 18:12	1868-53-7	
Toluene-d8 (S)	102 %		80-120		1		05/25/11 18:12	2037-26-5	
4-Bromofluorobenzene (S)	109 %		72-122		1		05/25/11 18:12	460-00-4	
1,2-Dichloroethane-d4 (S)	120 %		80-143		1		05/25/11 18:12	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	47.5 %	0.10	0.10	1	05/16/11 15:41
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_25 6-8 Lab ID: 257614027 Collected: 05/11/11 10:43 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	3630	mg/kg	18.0	2.7	5	05/18/11 08:13	05/20/11 18:42	7440-38-2	
Cadmium	102	mg/kg	9.0	0.099	5	05/18/11 08:13	05/20/11 18:42	7440-43-9	
Lead	113	mg/kg	1.8	0.11	1	05/18/11 08:13	05/20/11 20:50	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.11J	mg/kg	0.14	0.0031	1	05/16/11 14:52	05/19/11 15:08	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	618	196	1	05/19/11 11:00	05/23/11 05:40	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	86	%	26-135		1	05/19/11 11:00	05/23/11 05:40	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.9	0.29	1		05/24/11 18:13	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.9	0.36	1		05/24/11 18:13	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.9	0.54	1		05/24/11 18:13	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.9	0.54	1		05/24/11 18:13	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.9	0.79	1		05/24/11 18:13	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.9	0.46	1		05/24/11 18:13	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.9	0.73	1		05/24/11 18:13	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.9	0.68	1		05/24/11 18:13	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.9	0.54	1		05/24/11 18:13	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.9	0.67	1		05/24/11 18:13	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.9	0.48	1		05/24/11 18:13	120-82-1	
1,2,4-Trimethylbenzene	1.5J	ug/kg	5.9	1.0	1		05/24/11 18:13	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.8	0.76	1		05/24/11 18:13	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.9	0.41	1		05/24/11 18:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.9	0.48	1		05/24/11 18:13	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.9	0.43	1		05/24/11 18:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.7	0.73	1		05/24/11 18:13	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.9	0.35	1		05/24/11 18:13	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	0.62	1		05/24/11 18:13	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.9	0.37	1		05/24/11 18:13	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.9	0.54	1		05/24/11 18:13	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.9	0.47	1		05/24/11 18:13	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.9	0.37	1		05/24/11 18:13	594-20-7	
2-Butanone (MEK)	56.1	ug/kg	19.6	3.0	1		05/24/11 18:13	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.9	0.62	1		05/24/11 18:13	95-49-8	
2-Hexanone	ND	ug/kg	19.6	0.70	1		05/24/11 18:13	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.9	0.52	1		05/24/11 18:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	19.9	ug/kg	19.6	0.60	1		05/24/11 18:13	108-10-1	
Acetone	375	ug/kg	19.6	2.1	1		05/24/11 18:13	67-64-1	
Benzene	0.90J	ug/kg	5.9	0.29	1		05/24/11 18:13	71-43-2	B
Bromobenzene	ND	ug/kg	5.9	0.46	1		05/24/11 18:13	108-86-1	
Bromochloromethane	ND	ug/kg	5.9	0.43	1		05/24/11 18:13	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 6-8 Lab ID: 257614027 Collected: 05/11/11 10:43 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	5.9	0.23	1		05/24/11 18:13	75-27-4	
Bromoform	ND	ug/kg	5.9	0.45	1		05/24/11 18:13	75-25-2	
Bromomethane	ND	ug/kg	5.9	0.62	1		05/24/11 18:13	74-83-9	
Carbon disulfide	4.7J	ug/kg	5.9	0.55	1		05/24/11 18:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.9	0.35	1		05/24/11 18:13	56-23-5	
Chlorobenzene	ND	ug/kg	5.9	0.36	1		05/24/11 18:13	108-90-7	
Chloroethane	ND	ug/kg	5.9	0.57	1		05/24/11 18:13	75-00-3	
Chloroform	ND	ug/kg	5.9	0.38	1		05/24/11 18:13	67-66-3	
Chloromethane	ND	ug/kg	5.9	0.40	1		05/24/11 18:13	74-87-3	
Dibromochloromethane	ND	ug/kg	5.9	0.20	1		05/24/11 18:13	124-48-1	
Dibromomethane	ND	ug/kg	5.9	0.41	1		05/24/11 18:13	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.9	0.81	1		05/24/11 18:13	75-71-8	
Ethylbenzene	ND	ug/kg	5.9	0.74	1		05/24/11 18:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.9	0.58	1		05/24/11 18:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	0.68	1		05/24/11 18:13	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.9	0.49	1		05/24/11 18:13	1634-04-4	
Methylene chloride	19.0J	ug/kg	19.6	5.2	1		05/24/11 18:13	75-09-2	B
Naphthalene	ND	ug/kg	5.9	1.1	1		05/24/11 18:13	91-20-3	
Styrene	ND	ug/kg	5.9	0.56	1		05/24/11 18:13	100-42-5	
Tetrachloroethene	ND	ug/kg	5.9	0.75	1		05/24/11 18:13	127-18-4	
Toluene	704	ug/kg	5.9	0.60	1		05/24/11 18:13	108-88-3	
Trichloroethene	ND	ug/kg	5.9	0.41	1		05/24/11 18:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.9	0.45	1		05/24/11 18:13	75-69-4	
Vinyl chloride	ND	ug/kg	5.9	0.55	1		05/24/11 18:13	75-01-4	
Xylene (Total)	2.7J	ug/kg	17.6	1.5	1		05/24/11 18:13	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	5.9	0.41	1		05/24/11 18:13	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.9	0.26	1		05/24/11 18:13	10061-01-5	
m&p-Xylene	2.1J	ug/kg	11.7	1.5	1		05/24/11 18:13	179601-23-1	B
n-Butylbenzene	ND	ug/kg	5.9	0.89	1		05/24/11 18:13	104-51-8	
n-Propylbenzene	ND	ug/kg	5.9	0.69	1		05/24/11 18:13	103-65-1	
o-Xylene	ND	ug/kg	5.9	0.64	1		05/24/11 18:13	95-47-6	
p-Isopropyltoluene	2.6J	ug/kg	5.9	0.75	1		05/24/11 18:13	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.9	0.82	1		05/24/11 18:13	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.9	0.51	1		05/24/11 18:13	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.9	0.68	1		05/24/11 18:13	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.9	0.59	1		05/24/11 18:13	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.9	0.41	1		05/24/11 18:13	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		80-136		1		05/24/11 18:13	1868-53-7	
Toluene-d8 (S)	97 %		80-120		1		05/24/11 18:13	2037-26-5	
4-Bromofluorobenzene (S)	105 %		72-122		1		05/24/11 18:13	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		80-143		1		05/24/11 18:13	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	48.2 %		0.10	0.10	1		05/16/11 15:42		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 8-10 Lab ID: 257614028 Collected: 05/11/11 10:45 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	977	mg/kg	13.0	1.9	5	05/18/11 08:13	05/20/11 18:45	7440-38-2	
Cadmium	27.4	mg/kg	6.5	0.072	5	05/18/11 08:13	05/20/11 18:45	7440-43-9	
Lead	20.7	mg/kg	1.3	0.082	1	05/18/11 08:13	05/20/11 20:53	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.056J	mg/kg	0.092	0.0019	1	05/16/11 14:52	05/19/11 15:10	7439-97-6	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	494	157	1	05/20/11 15:15	05/24/11 15:02	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	95	%	26-135		1	05/20/11 15:15	05/24/11 15:02	118-79-6	
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B							
Toluene	1170	ug/kg	99.5	5.0	1	05/25/11 09:00	05/25/11 16:14	108-88-3	
Surrogates									
Dibromofluoromethane (S)	91	%	81-114		1	05/25/11 09:00	05/25/11 16:14	1868-53-7	
Toluene-d8 (S)	97	%	84-121		1	05/25/11 09:00	05/25/11 16:14	2037-26-5	
4-Bromofluorobenzene (S)	102	%	78-127		1	05/25/11 09:00	05/25/11 16:14	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	76-115		1	05/25/11 09:00	05/25/11 16:14	17060-07-0	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.6	0.13	1		05/25/11 14:13	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.6	0.16	1		05/25/11 14:13	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.6	0.24	1		05/25/11 14:13	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.6	0.24	1		05/25/11 14:13	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.6	0.35	1		05/25/11 14:13	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.6	0.21	1		05/25/11 14:13	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.6	0.33	1		05/25/11 14:13	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.6	0.31	1		05/25/11 14:13	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.6	0.24	1		05/25/11 14:13	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.6	0.30	1		05/25/11 14:13	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.6	0.21	1		05/25/11 14:13	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.6	0.45	1		05/25/11 14:13	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	0.34	1		05/25/11 14:13	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.6	0.18	1		05/25/11 14:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.6	0.22	1		05/25/11 14:13	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.6	0.19	1		05/25/11 14:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.3	0.33	1		05/25/11 14:13	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.6	0.16	1		05/25/11 14:13	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.6	0.28	1		05/25/11 14:13	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.6	0.17	1		05/25/11 14:13	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.6	0.24	1		05/25/11 14:13	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.6	0.21	1		05/25/11 14:13	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.6	0.16	1		05/25/11 14:13	594-20-7	
2-Butanone (MEK)	ND	ug/kg	8.8	1.3	1		05/25/11 14:13	78-93-3	

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 65 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 8-10 Lab ID: 257614028 Collected: 05/11/11 10:45 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2-Chlorotoluene	ND	ug/kg	2.6	0.28	1		05/25/11 14:13	95-49-8	
2-Hexanone	ND	ug/kg	8.8	0.32	1		05/25/11 14:13	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.6	0.23	1		05/25/11 14:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	13.0	ug/kg	8.8	0.27	1		05/25/11 14:13	108-10-1	
Acetone	113	ug/kg	8.8	0.96	1		05/25/11 14:13	67-64-1	
Benzene	ND	ug/kg	2.6	0.13	1		05/25/11 14:13	71-43-2	
Bromobenzene	ND	ug/kg	2.6	0.21	1		05/25/11 14:13	108-86-1	
Bromochloromethane	ND	ug/kg	2.6	0.19	1		05/25/11 14:13	74-97-5	
Bromodichloromethane	ND	ug/kg	2.6	0.10	1		05/25/11 14:13	75-27-4	
Bromoform	ND	ug/kg	2.6	0.20	1		05/25/11 14:13	75-25-2	
Bromomethane	ND	ug/kg	2.6	0.28	1		05/25/11 14:13	74-83-9	
Carbon disulfide	ND	ug/kg	2.6	0.24	1		05/25/11 14:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.6	0.16	1		05/25/11 14:13	56-23-5	
Chlorobenzene	ND	ug/kg	2.6	0.16	1		05/25/11 14:13	108-90-7	
Chloroethane	ND	ug/kg	2.6	0.25	1		05/25/11 14:13	75-00-3	
Chloroform	ND	ug/kg	2.6	0.17	1		05/25/11 14:13	67-66-3	
Chloromethane	ND	ug/kg	2.6	0.18	1		05/25/11 14:13	74-87-3	
Dibromochloromethane	ND	ug/kg	2.6	0.088	1		05/25/11 14:13	124-48-1	
Dibromomethane	ND	ug/kg	2.6	0.18	1		05/25/11 14:13	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.6	0.36	1		05/25/11 14:13	75-71-8	
Ethylbenzene	ND	ug/kg	2.6	0.33	1		05/25/11 14:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.6	0.26	1		05/25/11 14:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.6	0.30	1		05/25/11 14:13	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.6	0.22	1		05/25/11 14:13	1634-04-4	
Methylene chloride	ND	ug/kg	8.8	2.3	1		05/25/11 14:13	75-09-2	
Naphthalene	ND	ug/kg	2.6	0.48	1		05/25/11 14:13	91-20-3	
Styrene	ND	ug/kg	2.6	0.25	1		05/25/11 14:13	100-42-5	
Tetrachloroethene	ND	ug/kg	2.6	0.34	1		05/25/11 14:13	127-18-4	
Trichloroethene	ND	ug/kg	2.6	0.18	1		05/25/11 14:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.6	0.20	1		05/25/11 14:13	75-69-4	
Vinyl chloride	ND	ug/kg	2.6	0.25	1		05/25/11 14:13	75-01-4	
Xylene (Total)	ND	ug/kg	7.9	0.66	1		05/25/11 14:13	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.6	0.18	1		05/25/11 14:13	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.6	0.11	1		05/25/11 14:13	10061-01-5	
m&p-Xylene	ND	ug/kg	5.3	0.66	1		05/25/11 14:13	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.6	0.40	1		05/25/11 14:13	104-51-8	
n-Propylbenzene	ND	ug/kg	2.6	0.31	1		05/25/11 14:13	103-65-1	
o-Xylene	ND	ug/kg	2.6	0.29	1		05/25/11 14:13	95-47-6	
p-Isopropyltoluene	1.3J	ug/kg	2.6	0.34	1		05/25/11 14:13	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.6	0.37	1		05/25/11 14:13	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.6	0.23	1		05/25/11 14:13	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.6	0.30	1		05/25/11 14:13	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.6	0.26	1		05/25/11 14:13	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.6	0.18	1		05/25/11 14:13	10061-02-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_25 8-10 **Lab ID: 257614028** Collected: 05/11/11 10:45 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
Dibromofluoromethane (S)	110 %		80-136		1		05/25/11 14:13	1868-53-7	1n
Toluene-d8 (S)	104 %		80-120		1		05/25/11 14:13	2037-26-5	
4-Bromofluorobenzene (S)	117 %		72-122		1		05/25/11 14:13	460-00-4	
1,2-Dichloroethane-d4 (S)	120 %		80-143		1		05/25/11 14:13	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	33.3 %		0.10	0.10	1		05/16/11 15:43		

Sample: SUP_SL_25 10-12 **Lab ID: 257614029** Collected: 05/11/11 10:47 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	430 mg/kg		10	1.5	5	05/18/11 08:13	05/20/11 18:48	7440-38-2	
Cadmium	12.1 mg/kg		5.0	0.055	5	05/18/11 08:13	05/20/11 18:48	7440-43-9	
Lead	5.3 mg/kg		1.0	0.063	1	05/18/11 08:13	05/20/11 20:56	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.013J mg/kg		0.13	0.0027	1	05/16/11 14:52	05/19/11 15:12	7439-97-6	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		445	141	1	05/20/11 15:15	05/24/11 15:25	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	86 %		26-135		1	05/20/11 15:15	05/24/11 15:25	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		3.6	0.18	1		05/25/11 18:31	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		3.6	0.22	1		05/25/11 18:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		3.6	0.33	1		05/25/11 18:31	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		3.6	0.33	1		05/25/11 18:31	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		3.6	0.48	1		05/25/11 18:31	76-13-1	
1,1-Dichloroethane	ND ug/kg		3.6	0.28	1		05/25/11 18:31	75-34-3	
1,1-Dichloroethene	ND ug/kg		3.6	0.45	1		05/25/11 18:31	75-35-4	
1,1-Dichloropropene	ND ug/kg		3.6	0.42	1		05/25/11 18:31	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		3.6	0.33	1		05/25/11 18:31	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		3.6	0.41	1		05/25/11 18:31	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		3.6	0.29	1		05/25/11 18:31	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		3.6	0.62	1		05/25/11 18:31	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/kg		6.0	0.47	1		05/25/11 18:31	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/kg		3.6	0.25	1		05/25/11 18:31	106-93-4	
1,2-Dichlorobenzene	ND ug/kg		3.6	0.30	1		05/25/11 18:31	95-50-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 10-12 Lab ID: 257614029 Collected: 05/11/11 10:47 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/kg	3.6	0.27	1		05/25/11 18:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.2	0.45	1		05/25/11 18:31	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		05/25/11 18:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.38	1		05/25/11 18:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		05/25/11 18:31	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.33	1		05/25/11 18:31	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		05/25/11 18:31	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		05/25/11 18:31	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.0	1.8	1		05/25/11 18:31	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	0.38	1		05/25/11 18:31	95-49-8	
2-Hexanone	ND	ug/kg	12.0	0.43	1		05/25/11 18:31	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		05/25/11 18:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	5.7J	ug/kg	12.0	0.37	1		05/25/11 18:31	108-10-1	
Acetone	48.7	ug/kg	12.0	1.3	1		05/25/11 18:31	67-64-1	
Benzene	ND	ug/kg	3.6	0.18	1		05/25/11 18:31	71-43-2	
Bromobenzene	ND	ug/kg	3.6	0.28	1		05/25/11 18:31	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.26	1		05/25/11 18:31	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		05/25/11 18:31	75-27-4	
Bromoform	ND	ug/kg	3.6	0.28	1		05/25/11 18:31	75-25-2	
Bromomethane	ND	ug/kg	3.6	0.38	1		05/25/11 18:31	74-83-9	
Carbon disulfide	ND	ug/kg	3.6	0.33	1		05/25/11 18:31	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	0.22	1		05/25/11 18:31	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		05/25/11 18:31	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.35	1		05/25/11 18:31	75-00-3	
Chloroform	ND	ug/kg	3.6	0.23	1		05/25/11 18:31	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.25	1		05/25/11 18:31	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		05/25/11 18:31	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		05/25/11 18:31	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.50	1		05/25/11 18:31	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.46	1		05/25/11 18:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.36	1		05/25/11 18:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.42	1		05/25/11 18:31	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		05/25/11 18:31	1634-04-4	
Methylene chloride	ND	ug/kg	12.0	3.2	1		05/25/11 18:31	75-09-2	
Naphthalene	ND	ug/kg	3.6	0.66	1		05/25/11 18:31	91-20-3	
Styrene	ND	ug/kg	3.6	0.35	1		05/25/11 18:31	100-42-5	
Tetrachloroethene	ND	ug/kg	3.6	0.46	1		05/25/11 18:31	127-18-4	
Toluene	143	ug/kg	3.6	0.37	1		05/24/11 18:47	108-88-3	
Trichloroethene	ND	ug/kg	3.6	0.25	1		05/25/11 18:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	0.28	1		05/25/11 18:31	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.34	1		05/25/11 18:31	75-01-4	
Xylene (Total)	ND	ug/kg	10.8	0.90	1		05/25/11 18:31	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	0.25	1		05/25/11 18:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.16	1		05/25/11 18:31	10061-01-5	
m&p-Xylene	ND	ug/kg	7.2	0.90	1		05/25/11 18:31	179601-23-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_25 10-12 **Lab ID:** 257614029 Collected: 05/11/11 10:47 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
n-Butylbenzene	ND	ug/kg	3.6	0.55	1		05/25/11 18:31	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	0.42	1		05/25/11 18:31	103-65-1	
o-Xylene	ND	ug/kg	3.6	0.39	1		05/25/11 18:31	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	0.46	1		05/25/11 18:31	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.50	1		05/25/11 18:31	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	0.31	1		05/25/11 18:31	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.41	1		05/25/11 18:31	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	0.36	1		05/25/11 18:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		05/25/11 18:31	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		80-136		1		05/25/11 18:31	1868-53-7	
Toluene-d8 (S)	105 %		80-120		1		05/25/11 18:31	2037-26-5	
4-Bromofluorobenzene (S)	116 %		72-122		1		05/25/11 18:31	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		80-143		1		05/25/11 18:31	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	28.0 %		0.10	0.10	1		05/16/11 15:44		

Sample: SUP_SL_25 12-14 **Lab ID:** 257614030 Collected: 05/11/11 10:50 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	203	mg/kg	2.1	0.31	1	05/18/11 08:13	05/20/11 20:59	7440-38-2	
Cadmium	5.7	mg/kg	1.1	0.012	1	05/18/11 08:13	05/20/11 20:59	7440-43-9	
Lead	2.2	mg/kg	1.1	0.066	1	05/18/11 08:13	05/20/11 20:59	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.12	0.0024	1	05/16/11 14:52	05/19/11 15:14	7439-97-6	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	390	124	1	05/20/11 15:15	05/24/11 15:48	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	82 %		26-135		1	05/20/11 15:15	05/24/11 15:48	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		05/25/11 18:51	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		05/25/11 18:51	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		05/25/11 18:51	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		05/25/11 18:51	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		05/25/11 18:51	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		05/25/11 18:51	75-34-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 12-14 **Lab ID: 257614030** Collected: 05/11/11 10:50 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		05/25/11 18:51	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		05/25/11 18:51	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.32	1		05/25/11 18:51	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		05/25/11 18:51	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		05/25/11 18:51	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		05/25/11 18:51	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.44	1		05/25/11 18:51	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		05/25/11 18:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		05/25/11 18:51	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		05/25/11 18:51	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.8	0.42	1		05/25/11 18:51	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/25/11 18:51	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		05/25/11 18:51	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		05/25/11 18:51	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		05/25/11 18:51	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		05/25/11 18:51	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		05/25/11 18:51	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.3	1.7	1		05/25/11 18:51	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		05/25/11 18:51	95-49-8	
2-Hexanone	ND	ug/kg	11.3	0.41	1		05/25/11 18:51	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		05/25/11 18:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.3	0.35	1		05/25/11 18:51	108-10-1	
Acetone	ND	ug/kg	11.3	1.2	1		05/25/11 18:51	67-64-1	
Benzene	ND	ug/kg	3.4	0.17	1		05/25/11 18:51	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.27	1		05/25/11 18:51	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		05/25/11 18:51	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		05/25/11 18:51	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		05/25/11 18:51	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		05/25/11 18:51	74-83-9	
Carbon disulfide	ND	ug/kg	3.4	0.32	1		05/25/11 18:51	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		05/25/11 18:51	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		05/25/11 18:51	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		05/25/11 18:51	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		05/25/11 18:51	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		05/25/11 18:51	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		05/25/11 18:51	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		05/25/11 18:51	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		05/25/11 18:51	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		05/25/11 18:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		05/25/11 18:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		05/25/11 18:51	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		05/25/11 18:51	1634-04-4	
Methylene chloride	ND	ug/kg	11.3	3.0	1		05/25/11 18:51	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.62	1		05/25/11 18:51	91-20-3	
Styrene	ND	ug/kg	3.4	0.33	1		05/25/11 18:51	100-42-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 12-14 **Lab ID: 257614030** Collected: 05/11/11 10:50 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		05/25/11 18:51	127-18-4	
Toluene	0.91J	ug/kg	3.4	0.35	1		05/25/11 18:51	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		05/25/11 18:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		05/25/11 18:51	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		05/25/11 18:51	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	0.85	1		05/25/11 18:51	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		05/25/11 18:51	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		05/25/11 18:51	10061-01-5	
m&p-Xylene	ND	ug/kg	6.8	0.85	1		05/25/11 18:51	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		05/25/11 18:51	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		05/25/11 18:51	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		05/25/11 18:51	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		05/25/11 18:51	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		05/25/11 18:51	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		05/25/11 18:51	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		05/25/11 18:51	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		05/25/11 18:51	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		05/25/11 18:51	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		80-136		1		05/25/11 18:51	1868-53-7	
Toluene-d8 (S)	95 %		80-120		1		05/25/11 18:51	2037-26-5	
4-Bromofluorobenzene (S)	101 %		72-122		1		05/25/11 18:51	460-00-4	
1,2-Dichloroethane-d4 (S)	117 %		80-143		1		05/25/11 18:51	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	16.1 %		0.10	0.10	1		05/16/11 15:52		

Sample: SUP_SL_25 14-16 **Lab ID: 257614031** Collected: 05/11/11 10:53 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	124	mg/kg	8.5	1.3	5	05/18/11 08:13	05/20/11 18:54	7440-38-2	
Cadmium	3.2J	mg/kg	4.3	0.047	5	05/18/11 08:13	05/20/11 18:54	7440-43-9	
Lead	63.6	mg/kg	0.85	0.054	1	05/18/11 08:13	05/20/11 21:02	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.036J	mg/kg	0.089	0.0019	1	05/16/11 14:52	05/19/11 15:17	7439-97-6	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	380	120	1	05/20/11 15:15	05/24/11 16:56	87-86-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 14-16 Lab ID: 257614031 Collected: 05/11/11 10:53 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
2,4,6-Tribromophenol (S)	86 %		26-135		1	05/20/11 15:15	05/24/11 16:56	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		05/25/11 19:11	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		05/25/11 19:11	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		05/25/11 19:11	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		05/25/11 19:11	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.44	1		05/25/11 19:11	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		05/25/11 19:11	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		05/25/11 19:11	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.38	1		05/25/11 19:11	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		05/25/11 19:11	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		05/25/11 19:11	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		05/25/11 19:11	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.57	1		05/25/11 19:11	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		05/25/11 19:11	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		05/25/11 19:11	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		05/25/11 19:11	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.24	1		05/25/11 19:11	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.6	0.41	1		05/25/11 19:11	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		05/25/11 19:11	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		05/25/11 19:11	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		05/25/11 19:11	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		05/25/11 19:11	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.26	1		05/25/11 19:11	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		05/25/11 19:11	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.0	1.7	1		05/25/11 19:11	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		05/25/11 19:11	95-49-8	
2-Hexanone	ND	ug/kg	11.0	0.40	1		05/25/11 19:11	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		05/25/11 19:11	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.0	0.34	1		05/25/11 19:11	108-10-1	
Acetone	11.1	ug/kg	11.0	1.2	1		05/25/11 19:11	67-64-1	
Benzene	ND	ug/kg	3.3	0.17	1		05/25/11 19:11	71-43-2	
Bromobenzene	ND	ug/kg	3.3	0.26	1		05/25/11 19:11	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		05/25/11 19:11	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		05/25/11 19:11	75-27-4	
Bromoform	ND	ug/kg	3.3	0.26	1		05/25/11 19:11	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		05/25/11 19:11	74-83-9	
Carbon disulfide	ND	ug/kg	3.3	0.31	1		05/25/11 19:11	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		05/25/11 19:11	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		05/25/11 19:11	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		05/25/11 19:11	75-00-3	
Chloroform	ND	ug/kg	3.3	0.21	1		05/25/11 19:11	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		05/25/11 19:11	74-87-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_25 14-16 Lab ID: 257614031 Collected: 05/11/11 10:53 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		05/25/11 19:11	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		05/25/11 19:11	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		05/25/11 19:11	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		05/25/11 19:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		05/25/11 19:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		05/25/11 19:11	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.28	1		05/25/11 19:11	1634-04-4	
Methylene chloride	ND	ug/kg	11.0	2.9	1		05/25/11 19:11	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.60	1		05/25/11 19:11	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		05/25/11 19:11	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		05/25/11 19:11	127-18-4	
Toluene	1.7J	ug/kg	3.3	0.34	1		05/25/11 19:11	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		05/25/11 19:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		05/25/11 19:11	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		05/25/11 19:11	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	0.83	1		05/25/11 19:11	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		05/25/11 19:11	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		05/25/11 19:11	10061-01-5	
m&p-Xylene	ND	ug/kg	6.6	0.83	1		05/25/11 19:11	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.50	1		05/25/11 19:11	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		05/25/11 19:11	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		05/25/11 19:11	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.42	1		05/25/11 19:11	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		05/25/11 19:11	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.29	1		05/25/11 19:11	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		05/25/11 19:11	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		05/25/11 19:11	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		05/25/11 19:11	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		80-136		1		05/25/11 19:11	1868-53-7	
Toluene-d8 (S)	99 %		80-120		1		05/25/11 19:11	2037-26-5	
4-Bromofluorobenzene (S)	99 %		72-122		1		05/25/11 19:11	460-00-4	
1,2-Dichloroethane-d4 (S)	117 %		80-143		1		05/25/11 19:11	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	13.3 %		0.10	0.10	1		05/16/11 15:53		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_28 4-6 **Lab ID: 257614032** Collected: 05/11/11 08:29 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	17600	5570	5	05/20/11 15:15	05/24/11 21:51	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	64 %		26-135		5	05/20/11 15:15	05/24/11 21:51	118-79-6	D3,P3
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	53.1 %		0.10	0.10	1		05/16/11 15:54		

Sample: SUP_SL_28 6-8 **Lab ID: 257614033** Collected: 05/11/11 08:31 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	623	197	1	05/20/11 15:15	05/24/11 17:19	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80 %		26-135		1	05/20/11 15:15	05/24/11 17:19	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	47.6 %		0.10	0.10	1		05/16/11 15:54		

Sample: SUP_SL_28 8-10 **Lab ID: 257614034** Collected: 05/11/11 08:33 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	664	210	1	05/20/11 15:15	05/24/11 17:41	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	87 %		26-135		1	05/20/11 15:15	05/24/11 17:41	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	50.6 %		0.10	0.10	1		05/16/11 15:55		

Sample: SUP_SL_28 10-12 **Lab ID: 257614035** Collected: 05/11/11 08:35 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	483	153	1	05/20/11 15:15	05/24/11 18:04	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_28 10-12 **Lab ID: 257614035** Collected: 05/11/11 08:35 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	81 %		26-135		1	05/20/11 15:15	05/24/11 18:04	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	32.4 %		0.10	0.10	1		05/16/11 15:56		

Sample: SUP_SL_28 12-14 **Lab ID: 257614036** Collected: 05/11/11 08:36 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		449	142	1	05/20/11 15:15	05/24/11 18:27	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	75 %		26-135		1	05/20/11 15:15	05/24/11 18:27	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.4 %		0.10	0.10	1		05/16/11 15:56		

Sample: SUP_SL_28 14-16 **Lab ID: 257614037** Collected: 05/11/11 08:39 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		461	146	1	05/20/11 15:15	05/24/11 18:49	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	73 %		26-135		1	05/20/11 15:15	05/24/11 18:49	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	28.7 %		0.10	0.10	1		05/16/11 15:58		

Sample: SUP_SL_29 2-4 **Lab ID: 257614038** Collected: 05/11/11 08:51 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		10900	3460	5	05/20/11 15:15	05/24/11 21:28	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_29 2-4 **Lab ID:** 257614038 Collected: 05/11/11 08:51 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	61 %		26-135		5	05/20/11 15:15	05/24/11 21:28	118-79-6	D3,P3
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	24.9 %		0.10	0.10	1		05/16/11 15:59		

Sample: SUP_SL_29 4-6 **Lab ID:** 257614039 Collected: 05/11/11 08:54 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		11800	3730	5	05/20/11 15:15	05/24/11 21:06	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	32 %		26-135		5	05/20/11 15:15	05/24/11 21:06	118-79-6	D3,P3
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	30.3 %		0.10	0.10	1		05/16/11 16:00		

Sample: SUP_SL_29 6-8 **Lab ID:** 257614040 Collected: 05/11/11 08:56 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		575	182	1	05/20/11 15:15	05/24/11 19:12	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	85 %		26-135		1	05/20/11 15:15	05/24/11 19:12	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	44.1 %		0.10	0.10	1		05/16/11 16:00		

Sample: SUP_SL_29 8-10 **Lab ID:** 257614041 Collected: 05/11/11 08:58 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		473	150	1	05/20/11 15:15	05/24/11 19:35	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 257614

Sample: SUP_SL_29 8-10 **Lab ID: 257614041** Collected: 05/11/11 08:58 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	79 %		26-135		1	05/20/11 15:15	05/24/11 19:35	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	30.5 %		0.10	0.10	1		05/16/11 16:01		

Sample: SUP_SL_29 10-12 **Lab ID: 257614042** Collected: 05/11/11 09:06 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		527	167	1	05/20/11 15:15	05/24/11 19:58	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	74 %		26-135		1	05/20/11 15:15	05/24/11 19:58	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.8 %		0.10	0.10	1		05/16/11 16:02		

Sample: SUP_SL_29 12-14 **Lab ID: 257614043** Collected: 05/11/11 09:07 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		449	142	1	05/20/11 15:15	05/24/11 20:20	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	73 %		26-135		1	05/20/11 15:15	05/24/11 20:20	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.7 %		0.10	0.10	1		05/16/11 16:03		

Sample: SUP_SL_29 14-16 **Lab ID: 257614044** Collected: 05/11/11 09:11 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		434	137	1	05/20/11 15:15	05/24/11 20:43	87-86-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_SL_29 14-16 **Lab ID: 257614044** Collected: 05/11/11 09:11 Received: 05/11/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	62 %		26-135		1	05/20/11 15:15	05/24/11 20:43	118-79-6	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	25.7 %		0.10	0.10	1		05/16/11 16:03		

Sample: SUP_GW_7 **Lab ID: 257614045** Collected: 05/11/11 10:11 Received: 05/11/11 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	132 mg/L		0.25	0.056	25	05/19/11 09:41	05/20/11 16:17	7440-38-2	
Cadmium	4.3 mg/L		0.0050	0.00042	1	05/19/11 09:41	05/20/11 15:47	7440-43-9	
Lead	192 mg/L		0.25	0.047	25	05/19/11 09:41	05/20/11 16:17	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	14.9 mg/L		0.020	0.0022	1	05/19/11 09:33	05/19/11 16:25	7440-38-2	
Cadmium, Dissolved	0.047 mg/L		0.0050	0.00042	1	05/19/11 09:33	05/19/11 16:25	7440-43-9	
Lead, Dissolved	0.0082J mg/L		0.010	0.0019	1	05/19/11 09:33	05/19/11 16:25	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.053 mg/L		0.0020	0.00011	10	05/23/11 10:17	05/23/11 16:03	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND mg/L		0.00020	0.000011	1	05/23/11 10:17	05/23/11 15:32	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	0.68J ug/L		4.7	0.43	1	05/12/11 11:00	05/12/11 19:05	87-86-5	
<i>Surrogates</i>									
Nitrobenzene-d5 (S)	61 %		37-141		1	05/12/11 11:00	05/12/11 19:05	4165-60-0	
2-Fluorobiphenyl (S)	58 %		34-109		1	05/12/11 11:00	05/12/11 19:05	321-60-8	
Terphenyl-d14 (S)	81 %		45-130		1	05/12/11 11:00	05/12/11 19:05	1718-51-0	
Phenol-d6 (S)	27 %		10-105		1	05/12/11 11:00	05/12/11 19:05	13127-88-3	
2-Fluorophenol (S)	41 %		11-105		1	05/12/11 11:00	05/12/11 19:05	367-12-4	
2,4,6-Tribromophenol (S)	71 %		39-123		1	05/12/11 11:00	05/12/11 19:05	118-79-6	
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.15	1		05/13/11 12:16	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.20	1		05/13/11 12:16	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.22	1		05/13/11 12:16	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.19	1		05/13/11 12:16	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.23	1		05/13/11 12:16	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.12	1		05/13/11 12:16	75-35-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_GW_7 Lab ID: 257614045 Collected: 05/11/11 10:11 Received: 05/11/11 15:15 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,1-Dichloropropene	ND	ug/L	1.0	0.094	1		05/13/11 12:16	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.11	1		05/13/11 12:16	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.37	1		05/13/11 12:16	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.15	1		05/13/11 12:16	120-82-1	
1,2,4-Trimethylbenzene	0.34J	ug/L	1.0	0.086	1		05/13/11 12:16	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.79	1		05/13/11 12:16	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		05/13/11 12:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.25	1		05/13/11 12:16	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.074	1		05/13/11 12:16	107-06-2	
1,2-Dichloroethene (Total)	60.2	ug/L	2.0	0.50	1		05/13/11 12:16	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		05/13/11 12:16	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.16	1		05/13/11 12:16	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.16	1		05/13/11 12:16	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.22	1		05/13/11 12:16	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.20	1		05/13/11 12:16	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/13/11 12:16	594-20-7	
2-Butanone (MEK)	5.2	ug/L	5.0	1.6	1		05/13/11 12:16	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.098	1		05/13/11 12:16	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.57	1		05/13/11 12:16	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.13	1		05/13/11 12:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.32	1		05/13/11 12:16	108-10-1	
Acetone	ND	ug/L	5.0	0.75	1		05/13/11 12:16	67-64-1	
Benzene	0.14J	ug/L	1.0	0.12	1		05/13/11 12:16	71-43-2	B
Bromobenzene	ND	ug/L	1.0	0.16	1		05/13/11 12:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		05/13/11 12:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		05/13/11 12:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.23	1		05/13/11 12:16	75-25-2	
Bromomethane	ND	ug/L	1.0	0.072	1		05/13/11 12:16	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.16	1		05/13/11 12:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/13/11 12:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.12	1		05/13/11 12:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		05/13/11 12:16	75-00-3	
Chloroform	1.1	ug/L	1.0	0.15	1		05/13/11 12:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.20	1		05/13/11 12:16	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.12	1		05/13/11 12:16	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.18	1		05/13/11 12:16	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.19	1		05/13/11 12:16	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.20	1		05/13/11 12:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.27	1		05/13/11 12:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.11	1		05/13/11 12:16	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		05/13/11 12:16	1634-04-4	
Methylene chloride	ND	ug/L	4.0	0.26	1		05/13/11 12:16	75-09-2	
Naphthalene	0.33J	ug/L	1.0	0.10	1		05/13/11 12:16	91-20-3	B
Styrene	ND	ug/L	1.0	0.074	1		05/13/11 12:16	100-42-5	
Tetrachloroethene	0.13J	ug/L	1.0	0.10	1		05/13/11 12:16	127-18-4	
Toluene	0.28J	ug/L	1.0	0.21	1		05/13/11 12:16	108-88-3	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: SUP_GW_7									
		Lab ID: 257614045		Collected: 05/11/11 10:11		Received: 05/11/11 15:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Trichloroethene	0.56J	ug/L	1.0	0.060	1		05/13/11 12:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.24	1		05/13/11 12:16	75-69-4	
Vinyl chloride	0.95J	ug/L	0.20	0.050	1		05/13/11 12:16	75-01-4	
Xylene (Total)	0.62J	ug/L	3.0	0.42	1		05/13/11 12:16	1330-20-7	B
cis-1,2-Dichloroethene	59.8	ug/L	1.0	0.32	1		05/13/11 12:16	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.086	1		05/13/11 12:16	10061-01-5	
m&p-Xylene	0.49J	ug/L	2.0	0.27	1		05/13/11 12:16	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.10	1		05/13/11 12:16	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.16	1		05/13/11 12:16	103-65-1	
o-Xylene	ND	ug/L	1.0	0.15	1		05/13/11 12:16	95-47-6	
p-Isopropyltoluene	0.12J	ug/L	1.0	0.074	1		05/13/11 12:16	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		05/13/11 12:16	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.11	1		05/13/11 12:16	98-06-6	
trans-1,2-Dichloroethene	0.36J	ug/L	1.0	0.22	1		05/13/11 12:16	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.16	1		05/13/11 12:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100 %		80-120		1		05/13/11 12:16	460-00-4	
Dibromofluoromethane (S)	96 %		80-122		1		05/13/11 12:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	95 %		80-124		1		05/13/11 12:16	17060-07-0	
Toluene-d8 (S)	98 %		80-123		1		05/13/11 12:16	2037-26-5	

Sample: Trip Blank - Water									
		Lab ID: 257614046		Collected: 05/11/11 00:00		Received: 05/11/11 15:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		05/13/11 11:59	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.20	1		05/13/11 11:59	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		05/13/11 11:59	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.19	1		05/13/11 11:59	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.23	1		05/13/11 11:59	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.12	1		05/13/11 11:59	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.094	1		05/13/11 11:59	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.11	1		05/13/11 11:59	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.37	1		05/13/11 11:59	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.15	1		05/13/11 11:59	120-82-1	
1,2,4-Trimethylbenzene	0.26J	ug/L	1.0	0.086	1		05/13/11 11:59	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.79	1		05/13/11 11:59	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		05/13/11 11:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.25	1		05/13/11 11:59	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.074	1		05/13/11 11:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.50	1		05/13/11 11:59	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		05/13/11 11:59	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.16	1		05/13/11 11:59	108-67-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: Trip Blank - Water **Lab ID:** 257614046 Collected: 05/11/11 00:00 Received: 05/11/11 15:15 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,3-Dichlorobenzene	ND	ug/L	1.0	0.16	1		05/13/11 11:59	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.22	1		05/13/11 11:59	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.20	1		05/13/11 11:59	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		05/13/11 11:59	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.6	1		05/13/11 11:59	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.098	1		05/13/11 11:59	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.57	1		05/13/11 11:59	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.13	1		05/13/11 11:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.32	1		05/13/11 11:59	108-10-1	
Acetone	ND	ug/L	5.0	0.75	1		05/13/11 11:59	67-64-1	
Benzene	ND	ug/L	1.0	0.12	1		05/13/11 11:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.16	1		05/13/11 11:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		05/13/11 11:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		05/13/11 11:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.23	1		05/13/11 11:59	75-25-2	
Bromomethane	ND	ug/L	1.0	0.072	1		05/13/11 11:59	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.16	1		05/13/11 11:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		05/13/11 11:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.12	1		05/13/11 11:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		05/13/11 11:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		05/13/11 11:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.20	1		05/13/11 11:59	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.12	1		05/13/11 11:59	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.18	1		05/13/11 11:59	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.19	1		05/13/11 11:59	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.20	1		05/13/11 11:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.27	1		05/13/11 11:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.11	1		05/13/11 11:59	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		05/13/11 11:59	1634-04-4	
Methylene chloride	ND	ug/L	4.0	0.26	1		05/13/11 11:59	75-09-2	
Naphthalene	0.14J	ug/L	1.0	0.10	1		05/13/11 11:59	91-20-3	B
Styrene	ND	ug/L	1.0	0.074	1		05/13/11 11:59	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		05/13/11 11:59	127-18-4	
Toluene	0.24J	ug/L	1.0	0.21	1		05/13/11 11:59	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.060	1		05/13/11 11:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.24	1		05/13/11 11:59	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.050	1		05/13/11 11:59	75-01-4	
Xylene (Total)	0.53J	ug/L	3.0	0.42	1		05/13/11 11:59	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.32	1		05/13/11 11:59	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.086	1		05/13/11 11:59	10061-01-5	
m&p-Xylene	0.42J	ug/L	2.0	0.27	1		05/13/11 11:59	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.10	1		05/13/11 11:59	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.16	1		05/13/11 11:59	103-65-1	
o-Xylene	ND	ug/L	1.0	0.15	1		05/13/11 11:59	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.074	1		05/13/11 11:59	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		05/13/11 11:59	135-98-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 257614

Sample: Trip Blank - Water									
Lab ID: 257614046									
Collected: 05/11/11 00:00									
Received: 05/11/11 15:15									
Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
tert-Butylbenzene	ND ug/L		1.0	0.11	1		05/13/11 11:59	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.22	1		05/13/11 11:59	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.16	1		05/13/11 11:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101 %		80-120		1		05/13/11 11:59	460-00-4	
Dibromofluoromethane (S)	95 %		80-122		1		05/13/11 11:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	92 %		80-124		1		05/13/11 11:59	17060-07-0	
Toluene-d8 (S)	99 %		80-123		1		05/13/11 11:59	2037-26-5	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

QC Batch: MERP/1441 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 257614045

METHOD BLANK: 71333 Matrix: Water
Associated Lab Samples: 257614045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	05/23/11 15:53	

LABORATORY CONTROL SAMPLE: 71334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0052	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71335 71336

Parameter	Units	257701004 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD
Mercury	mg/L	ND	.005	.005	0.0052	0.0053	105	105	75-125	.7	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: MERP/1439

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury ,Dissolved

Associated Lab Samples: 257614045

METHOD BLANK: 71320

Matrix: Water

Associated Lab Samples: 257614045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	ND	0.00020	05/23/11 15:28	

LABORATORY CONTROL SAMPLE: 71321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0051	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71322

71323

Parameter	Units	257614045 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury, Dissolved	mg/L	ND	.005	.005	0.0050	0.0051	101	102	85-115	1	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

QC Batch: MERP/1435 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 257614001, 257614002, 257614003, 257614004, 257614005, 257614006, 257614007, 257614008, 257614010, 257614011, 257614012, 257614013, 257614014, 257614015

METHOD BLANK: 70225 Matrix: Solid
Associated Lab Samples: 257614001, 257614002, 257614003, 257614004, 257614005, 257614006, 257614007, 257614008, 257614010, 257614011, 257614012, 257614013, 257614014, 257614015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	05/19/11 13:46	

LABORATORY CONTROL SAMPLE: 70226

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.54	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70227 70228

Parameter	Units	257614001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	3.7	.79	.79	3.2	6.0	-67	286	80-120	61	20	M1,R1

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: MERP/1436 Analysis Method: EPA 7471
 QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
 Associated Lab Samples: 257614017, 257614018, 257614019, 257614020, 257614021, 257614022, 257614023, 257614025, 257614026, 257614027, 257614028, 257614029, 257614030, 257614031

METHOD BLANK: 70229 Matrix: Solid
 Associated Lab Samples: 257614017, 257614018, 257614019, 257614020, 257614021, 257614022, 257614023, 257614025, 257614026, 257614027, 257614028, 257614029, 257614030, 257614031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	05/19/11 14:35	

LABORATORY CONTROL SAMPLE: 70230

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.57	113	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70231 70232

Parameter	Units	257614017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.058J	.7	.64	0.86	0.78	113	112	80-120	9	20	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: MPRP/2222 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 257614001, 257614002, 257614003, 257614004, 257614005, 257614006, 257614007, 257614008, 257614010, 257614011, 257614012, 257614013, 257614014, 257614015

METHOD BLANK: 70494 Matrix: Solid
 Associated Lab Samples: 257614001, 257614002, 257614003, 257614004, 257614005, 257614006, 257614007, 257614008, 257614010, 257614011, 257614012, 257614013, 257614014, 257614015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	05/20/11 16:41	
Cadmium	mg/kg	ND	1.0	05/20/11 16:41	
Lead	mg/kg	ND	1.0	05/20/11 16:41	

LABORATORY CONTROL SAMPLE: 70495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	26.3	105	80-120	
Cadmium	mg/kg	25	26.3	105	80-120	
Lead	mg/kg	25	26.4	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70496 70497

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		257614001 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/kg	38100	44.2	43.2	42100	38000	9070	-348	75-125	10	20 M1
Cadmium	mg/kg	1190	44.2	43.2	1360	1370	375	398	75-125	.5	20 M1
Lead	mg/kg	2980	44.2	43.2	10900	7220	18000	9810	75-125	41	20 M1,R1

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

QC Batch: MPRP/2223 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 257614017, 257614018, 257614019, 257614020, 257614021, 257614022, 257614023, 257614025, 257614026, 257614027, 257614028, 257614029, 257614030, 257614031

METHOD BLANK: 70498 Matrix: Solid
Associated Lab Samples: 257614017, 257614018, 257614019, 257614020, 257614021, 257614022, 257614023, 257614025, 257614026, 257614027, 257614028, 257614029, 257614030, 257614031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	05/20/11 17:52	
Cadmium	mg/kg	0.024J	1.0	05/20/11 17:52	
Lead	mg/kg	ND	1.0	05/20/11 17:52	

LABORATORY CONTROL SAMPLE: 70499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	26.0	104	80-120	
Cadmium	mg/kg	25	26.3	105	80-120	
Lead	mg/kg	25	26.4	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70500 70501

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		257614017 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/kg	69.4	31.6	31	97.8	98.8	90	95	75-125	1	20
Cadmium	mg/kg	1.4J	31.6	31	33.2	33.6	101	104	75-125	1	20
Lead	mg/kg	27.3	31.6	31	58.5	63.3	99	116	75-125	8	20

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

QC Batch: MPRP/2229 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 257614045

METHOD BLANK: 70681 Matrix: Water
Associated Lab Samples: 257614045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	05/20/11 14:49	
Cadmium	mg/L	ND	0.0050	05/20/11 14:49	
Lead	mg/L	ND	0.010	05/20/11 14:49	

LABORATORY CONTROL SAMPLE: 70682

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.50	99	80-120	
Cadmium	mg/L	.5	0.50	100	80-120	
Lead	mg/L	.5	0.51	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70683 70684

Parameter	Units	257614045		70684		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Arsenic	mg/L	132	.5	.5	144	134	2370	445	75-125	7	20 M1
Cadmium	mg/L	4.3	.5	.5	4.6	4.4	75	35	75-125	4	20 M1
Lead	mg/L	192	.5	.5	216	207	4910	3080	75-125	4	20 M1

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

QC Batch: MPRP/2226 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 257614045

METHOD BLANK: 70669 Matrix: Water
Associated Lab Samples: 257614045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	0.060	0.020	05/19/11 16:19	P8
Cadmium, Dissolved	mg/L	ND	0.0050	05/19/11 16:19	
Lead, Dissolved	mg/L	ND	0.010	05/19/11 16:19	

LABORATORY CONTROL SAMPLE: 70670

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.59	118	80-120	
Cadmium, Dissolved	mg/L	.5	0.52	105	80-120	
Lead, Dissolved	mg/L	.5	0.54	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70671 70672

Parameter	Units	257614045 Result	MS Spike Conc.	MSD Spike Conc.	70671		70672		% Rec Limits	Max RPD	Qual
					MS Result	MSD Result	MS % Rec	MSD % Rec			
Arsenic, Dissolved	mg/L	14.9	.5	.5	15.5	15.8	128	196	75-125	2	20 M1
Cadmium, Dissolved	mg/L	0.047	.5	.5	0.57	0.57	105	105	75-125	.04	20
Lead, Dissolved	mg/L	0.0082J	.5	.5	0.54	0.55	107	108	75-125	.5	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: MSV/4419

Analysis Method: EPA 5030B/8260

QC Batch Method: EPA 5030B/8260

Analysis Description: 8260 MSV Water 10 mL Purge

Associated Lab Samples: 257614045, 257614046

METHOD BLANK: 70014

Matrix: Water

Associated Lab Samples: 257614045, 257614046

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	05/13/11 11:27	
1,1,1-Trichloroethane	ug/L	ND	1.0	05/13/11 11:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	05/13/11 11:27	
1,1,2-Trichloroethane	ug/L	ND	1.0	05/13/11 11:27	
1,1-Dichloroethane	ug/L	ND	1.0	05/13/11 11:27	
1,1-Dichloroethene	ug/L	ND	1.0	05/13/11 11:27	
1,1-Dichloropropene	ug/L	ND	1.0	05/13/11 11:27	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	05/13/11 11:27	
1,2,3-Trichloropropane	ug/L	ND	1.0	05/13/11 11:27	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	05/13/11 11:27	
1,2,4-Trimethylbenzene	ug/L	0.30J	1.0	05/13/11 11:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	05/13/11 11:27	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	05/13/11 11:27	
1,2-Dichlorobenzene	ug/L	ND	1.0	05/13/11 11:27	
1,2-Dichloroethane	ug/L	ND	1.0	05/13/11 11:27	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	05/13/11 11:27	
1,2-Dichloropropane	ug/L	ND	1.0	05/13/11 11:27	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	05/13/11 11:27	
1,3-Dichlorobenzene	ug/L	ND	1.0	05/13/11 11:27	
1,3-Dichloropropane	ug/L	ND	1.0	05/13/11 11:27	
1,4-Dichlorobenzene	ug/L	ND	1.0	05/13/11 11:27	
2,2-Dichloropropane	ug/L	ND	1.0	05/13/11 11:27	
2-Butanone (MEK)	ug/L	ND	5.0	05/13/11 11:27	
2-Chlorotoluene	ug/L	ND	1.0	05/13/11 11:27	
2-Hexanone	ug/L	ND	5.0	05/13/11 11:27	
4-Chlorotoluene	ug/L	ND	1.0	05/13/11 11:27	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	05/13/11 11:27	
Acetone	ug/L	ND	5.0	05/13/11 11:27	
Benzene	ug/L	0.14J	1.0	05/13/11 11:27	
Bromobenzene	ug/L	ND	1.0	05/13/11 11:27	
Bromochloromethane	ug/L	ND	1.0	05/13/11 11:27	
Bromodichloromethane	ug/L	ND	1.0	05/13/11 11:27	
Bromoform	ug/L	ND	1.0	05/13/11 11:27	
Bromomethane	ug/L	ND	1.0	05/13/11 11:27	
Carbon disulfide	ug/L	ND	1.0	05/13/11 11:27	
Carbon tetrachloride	ug/L	ND	1.0	05/13/11 11:27	
Chlorobenzene	ug/L	ND	1.0	05/13/11 11:27	
Chloroethane	ug/L	ND	1.0	05/13/11 11:27	
Chloroform	ug/L	ND	1.0	05/13/11 11:27	
Chloromethane	ug/L	ND	1.0	05/13/11 11:27	
cis-1,2-Dichloroethene	ug/L	ND	1.0	05/13/11 11:27	
cis-1,3-Dichloropropene	ug/L	ND	1.0	05/13/11 11:27	
Dibromochloromethane	ug/L	ND	1.0	05/13/11 11:27	

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 91 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

METHOD BLANK: 70014

Matrix: Water

Associated Lab Samples: 257614045, 257614046

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	05/13/11 11:27	
Dichlorodifluoromethane	ug/L	ND	1.0	05/13/11 11:27	
Ethylbenzene	ug/L	ND	1.0	05/13/11 11:27	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	05/13/11 11:27	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	05/13/11 11:27	
m&p-Xylene	ug/L	0.49J	2.0	05/13/11 11:27	
Methyl-tert-butyl ether	ug/L	ND	1.0	05/13/11 11:27	
Methylene chloride	ug/L	ND	4.0	05/13/11 11:27	
n-Butylbenzene	ug/L	0.10J	1.0	05/13/11 11:27	
n-Propylbenzene	ug/L	ND	1.0	05/13/11 11:27	
Naphthalene	ug/L	0.19J	1.0	05/13/11 11:27	
o-Xylene	ug/L	ND	1.0	05/13/11 11:27	
p-Isopropyltoluene	ug/L	ND	1.0	05/13/11 11:27	
sec-Butylbenzene	ug/L	ND	1.0	05/13/11 11:27	
Styrene	ug/L	ND	1.0	05/13/11 11:27	
tert-Butylbenzene	ug/L	ND	1.0	05/13/11 11:27	
Tetrachloroethene	ug/L	ND	1.0	05/13/11 11:27	
Toluene	ug/L	0.30J	1.0	05/13/11 11:27	
trans-1,2-Dichloroethene	ug/L	ND	1.0	05/13/11 11:27	
trans-1,3-Dichloropropene	ug/L	ND	1.0	05/13/11 11:27	
Trichloroethene	ug/L	ND	1.0	05/13/11 11:27	
Trichlorofluoromethane	ug/L	ND	1.0	05/13/11 11:27	
Vinyl chloride	ug/L	ND	0.20	05/13/11 11:27	
Xylene (Total)	ug/L	0.62J	3.0	05/13/11 11:27	
1,2-Dichloroethane-d4 (S)	%	93	80-124	05/13/11 11:27	
4-Bromofluorobenzene (S)	%	100	80-120	05/13/11 11:27	
Dibromofluoromethane (S)	%	95	80-122	05/13/11 11:27	
Toluene-d8 (S)	%	99	80-123	05/13/11 11:27	

LABORATORY CONTROL SAMPLE: 70015

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.4	97	68-131	
1,1,1-Trichloroethane	ug/L	20	18.3	92	74-137	
1,1,2,2-Tetrachloroethane	ug/L	20	20.0	100	72-126	
1,1,2-Trichloroethane	ug/L	20	18.6	93	76-120	
1,1-Dichloroethane	ug/L	20	19.0	95	76-131	
1,1-Dichloroethene	ug/L	20	19.9	99	68-150	
1,1-Dichloropropene	ug/L	20	18.6	93	74-138	
1,2,3-Trichlorobenzene	ug/L	20	18.2	91	60-136	
1,2,3-Trichloropropane	ug/L	20	18.9	95	62-135	
1,2,4-Trichlorobenzene	ug/L	20	18.7	94	62-136	
1,2,4-Trimethylbenzene	ug/L	20	19.7	99	66-132	
1,2-Dibromo-3-chloropropane	ug/L	20	18.0	90	60-123	
1,2-Dibromoethane (EDB)	ug/L	20	18.5	93	73-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

LABORATORY CONTROL SAMPLE: 70015

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	19.0	95	75-122	
1,2-Dichloroethane	ug/L	20	18.0	90	78-125	
1,2-Dichloroethene (Total)	ug/L	40	38.9	97	77-136	
1,2-Dichloropropane	ug/L	20	18.3	91	76-121	
1,3,5-Trimethylbenzene	ug/L	20	19.1	95	69-130	
1,3-Dichlorobenzene	ug/L	20	19.1	96	75-122	
1,3-Dichloropropane	ug/L	20	17.9	90	77-120	
1,4-Dichlorobenzene	ug/L	20	18.9	95	78-120	
2,2-Dichloropropane	ug/L	20	19.3	97	46-168	
2-Butanone (MEK)	ug/L	40	42.5	106	55-146	
2-Chlorotoluene	ug/L	20	18.7	93	67-129	
2-Hexanone	ug/L	40	42.3	106	58-136	
4-Chlorotoluene	ug/L	20	19.2	96	75-126	
4-Methyl-2-pentanone (MIBK)	ug/L	40	35.6	89	62-137	
Acetone	ug/L	40	56.7	142	30-180	
Benzene	ug/L	20	18.3	91	76-127	
Bromobenzene	ug/L	20	19.0	95	74-120	
Bromochloromethane	ug/L	20	18.8	94	73-132	
Bromodichloromethane	ug/L	20	19.0	95	74-126	
Bromoform	ug/L	20	18.1	90	64-129	
Bromomethane	ug/L	20	18.3	91	40-164	
Carbon disulfide	ug/L	20	18.0	90	32-158	
Carbon tetrachloride	ug/L	20	19.9	100	68-142	
Chlorobenzene	ug/L	20	18.7	94	78-121	
Chloroethane	ug/L	20	15.5	78	58-151	
Chloroform	ug/L	20	18.7	94	80-125	
Chloromethane	ug/L	20	17.5	88	50-152	
cis-1,2-Dichloroethene	ug/L	20	19.7	98	80-135	
cis-1,3-Dichloropropene	ug/L	20	19.4	97	65-134	
Dibromochloromethane	ug/L	20	19.1	96	71-126	
Dibromomethane	ug/L	20	18.5	93	78-126	
Dichlorodifluoromethane	ug/L	20	15.3	77	18-180	
Ethylbenzene	ug/L	20	18.9	94	72-125	
Hexachloro-1,3-butadiene	ug/L	20	17.8	89	60-138	
Isopropylbenzene (Cumene)	ug/L	20	18.6	93	69-135	
m&p-Xylene	ug/L	40	38.1	95	73-126	
Methyl-tert-butyl ether	ug/L	20	18.8	94	58-145	
Methylene chloride	ug/L	20	14.5	73	65-144	
n-Butylbenzene	ug/L	20	18.6	93	66-132	
n-Propylbenzene	ug/L	20	19.0	95	69-131	
Naphthalene	ug/L	20	19.1	96	51-142	
o-Xylene	ug/L	20	19.0	95	73-123	
p-Isopropyltoluene	ug/L	20	19.1	96	67-133	
sec-Butylbenzene	ug/L	20	19.5	98	65-136	
Styrene	ug/L	20	18.7	94	72-128	
tert-Butylbenzene	ug/L	20	17.7	88	61-133	
Tetrachloroethene	ug/L	20	11.8	59	40-164	
Toluene	ug/L	20	18.5	92	69-125	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

LABORATORY CONTROL SAMPLE: 70015

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	19.3	96	73-139	
trans-1,3-Dichloropropene	ug/L	20	16.5	82	56-122	
Trichloroethene	ug/L	20	18.1	90	74-127	
Trichlorofluoromethane	ug/L	20	18.3	92	64-154	
Vinyl chloride	ug/L	20	16.3	81	57-147	
Xylene (Total)	ug/L	60	57.1	95	74-124	
1,2-Dichloroethane-d4 (S)	%			92	80-124	
4-Bromofluorobenzene (S)	%			98	80-120	
Dibromofluoromethane (S)	%			97	80-122	
Toluene-d8 (S)	%			99	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70016 70017

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		257594004 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.3	20.4	102	102	73-126	.2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.9	21.0	104	105	69-135	.5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.3	21.3	102	107	69-123	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.5	19.6	93	98	76-114	6	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.0	22.1	110	110	74-124	.4	30	
1,1-Dichloroethene	ug/L	ND	20	20	23.3	23.3	117	117	69-139	.08	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.3	22.6	112	113	77-134	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.9	18.8	90	94	63-136	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.2	17.3	86	87	66-118	.7	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.6	20.2	98	101	68-129	3	30	
1,2,4-Trimethylbenzene	ug/L	2.7	20	20	22.5	22.2	99	98	72-126	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	15.2	17.0	76	85	64-124	11	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	17.0	18.2	85	91	78-117	6	30	
1,2-Dichlorobenzene	ug/L	1.6	20	20	20.9	21.5	97	100	74-118	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.6	18.9	93	95	73-127	2	30	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	44.0	43.9	110	110	60-140	.1	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.5	21.8	108	109	72-126	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.2	21.5	107	103	68-129	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.9	20.8	104	104	73-119	.4	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.1	18.0	85	90	74-119	6	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	20.2	101	101	73-115	.08	30	
2,2-Dichloropropane	ug/L	ND	20	20	23.3	23.4	117	117	46-157	.3	30	
2-Butanone (MEK)	ug/L	ND	40	40	28.1	32.6	70	82	65-138	15	30	
2-Chlorotoluene	ug/L	ND	20	20	20.5	20.6	103	103	68-122	.5	30	
2-Hexanone	ug/L	ND	40	40	29.2	33.7	73	84	60-135	14	30	
4-Chlorotoluene	ug/L	ND	20	20	21.6	21.0	108	105	70-122	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	30.5	33.9	76	85	70-135	11	30	
Acetone	ug/L	ND	40	40	27.4	34.5	69	86	58-146	23	30	
Benzene	ug/L	17.8	20	20	37.8	39.0	100	106	75-124	3	30	
Bromobenzene	ug/L	ND	20	20	19.7	20.0	98	100	74-116	2	30	
Bromochloromethane	ug/L	ND	20	20	18.3	19.0	92	95	75-128	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.1	21.3	106	107	77-126	.9	30	

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 94 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70016		70017		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		257594004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Bromoform	ug/L	ND	20	20	16.2	17.3	81	87	61-131	7	30		
Bromomethane	ug/L	ND	20	20	17.9	19.0	90	95	58-139	6	30		
Carbon disulfide	ug/L	ND	20	20	21.5	21.3	108	106	39-122	1	30		
Carbon tetrachloride	ug/L	ND	20	20	23.2	22.9	116	114	67-136	1	30		
Chlorobenzene	ug/L	ND	20	20	20.6	20.6	103	103	78-115	.2	30		
Chloroethane	ug/L	ND	20	20	14.7	16.3	74	82	58-137	10	30		
Chloroform	ug/L	ND	20	20	25.0	24.9	125	124	75-124	.2	30	M1	
Chloromethane	ug/L	ND	20	20	13.0	14.4	65	72	50-129	10	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.7	21.8	109	109	78-126	.05	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.2	20.6	101	103	78-159	2	30		
Dibromochloromethane	ug/L	ND	20	20	18.3	19.1	92	95	81-125	4	30		
Dibromomethane	ug/L	ND	20	20	17.5	18.8	87	94	75-124	8	30		
Dichlorodifluoromethane	ug/L	ND	20	20	9.4	10.6	47	53	30-140	12	30		
Ethylbenzene	ug/L	1.8	20	20	22.1	21.9	102	101	76-124	1	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	20.0	103	100	55-132	3	30		
Isopropylbenzene (Cumene)	ug/L	1.0	20	20	22.1	21.9	105	104	73-127	.9	30		
m&p-Xylene	ug/L	7.6	40	40	46.5	47.0	97	98	75-124	1	30		
Methyl-tert-butyl ether	ug/L	2.5	20	20	19.4	20.8	84	91	72-130	7	30		
Methylene chloride	ug/L	ND	20	20	13.1	12.9	65	64	69-124	2	30	M1	
n-Butylbenzene	ug/L	ND	20	20	22.7	22.2	114	111	65-131	2	30		
n-Propylbenzene	ug/L	ND	20	20	22.3	21.9	109	106	69-129	2	30		
Naphthalene	ug/L	ND	20	20	17.6	19.3	85	93	69-135	9	30		
o-Xylene	ug/L	3.3	20	20	23.4	23.7	101	102	76-121	1	30		
p-Isopropyltoluene	ug/L	ND	20	20	22.5	22.0	113	110	69-133	2	30		
sec-Butylbenzene	ug/L	3.7	20	20	26.2	25.5	112	109	67-132	3	30		
Styrene	ug/L	ND	20	20	20.3	20.5	101	102	76-121	1	30		
tert-Butylbenzene	ug/L	ND	20	20	21.1	20.6	101	99	66-132	2	30		
Tetrachloroethene	ug/L	ND	20	20	13.5	13.6	67	68	70-127	1	30	M1	
Toluene	ug/L	6.6	20	20	27.0	27.4	102	104	75-124	1	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.3	22.2	111	111	72-129	.3	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	16.3	16.9	81	85	69-122	4	30		
Trichloroethene	ug/L	ND	20	20	20.8	20.8	104	104	78-124	.08	30		
Trichlorofluoromethane	ug/L	ND	20	20	18.4	20.1	92	100	60-147	8	30		
Vinyl chloride	ug/L	ND	20	20	15.0	16.4	75	82	56-136	8	30		
Xylene (Total)	ug/L	10.9	60	60	69.9	70.7	98	100	76-123	1	30		
1,2-Dichloroethane-d4 (S)	%						89	92	80-124				
4-Bromofluorobenzene (S)	%						99	99	80-120				
Dibromofluoromethane (S)	%						97	98	80-122				
Toluene-d8 (S)	%						102	101	80-123				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: MSV/4534

Analysis Method: EPA 8260

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260 MSV 5035A Medium Soil

Associated Lab Samples: 257614028

METHOD BLANK: 71884

Matrix: Solid

Associated Lab Samples: 257614028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/kg	3.0J	50.0	05/25/11 12:53	
1,2-Dichloroethane-d4 (S)	%	99	76-115	05/25/11 12:53	
4-Bromofluorobenzene (S)	%	101	78-127	05/25/11 12:53	
Dibromofluoromethane (S)	%	98	81-114	05/25/11 12:53	
Toluene-d8 (S)	%	96	84-121	05/25/11 12:53	

LABORATORY CONTROL SAMPLE & LCSD: 71885

71886

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Toluene	ug/kg	1000	912	885	91	88	70-121	3	30	
1,2-Dichloroethane-d4 (S)	%				94	94	76-115			
4-Bromofluorobenzene (S)	%				103	102	78-127			
Dibromofluoromethane (S)	%				101	98	81-114			
Toluene-d8 (S)	%				96	97	84-121			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: MSV/4504

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 257614001, 257614002

METHOD BLANK: 71331

Matrix: Solid

Associated Lab Samples: 257614001, 257614002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1,1-Trichloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1,2-Trichloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1-Dichloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,1-Dichloroethene	ug/kg	ND	3.0	05/23/11 09:37	
1,1-Dichloropropene	ug/kg	ND	3.0	05/23/11 09:37	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,2,3-Trichloropropane	ug/kg	ND	3.0	05/23/11 09:37	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/23/11 09:37	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	05/23/11 09:37	
1,2-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,2-Dichloroethane	ug/kg	ND	3.0	05/23/11 09:37	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	05/23/11 09:37	
1,2-Dichloropropane	ug/kg	ND	3.0	05/23/11 09:37	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,3-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
1,3-Dichloropropane	ug/kg	ND	3.0	05/23/11 09:37	
1,4-Dichlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
2,2-Dichloropropane	ug/kg	ND	3.0	05/23/11 09:37	
2-Butanone (MEK)	ug/kg	ND	10.0	05/23/11 09:37	
2-Chlorotoluene	ug/kg	ND	3.0	05/23/11 09:37	
2-Hexanone	ug/kg	ND	10.0	05/23/11 09:37	
4-Chlorotoluene	ug/kg	ND	3.0	05/23/11 09:37	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	05/23/11 09:37	
Acetone	ug/kg	ND	10.0	05/23/11 09:37	
Benzene	ug/kg	ND	3.0	05/23/11 09:37	
Bromobenzene	ug/kg	ND	3.0	05/23/11 09:37	
Bromochloromethane	ug/kg	ND	3.0	05/23/11 09:37	
Bromodichloromethane	ug/kg	ND	3.0	05/23/11 09:37	
Bromoform	ug/kg	ND	3.0	05/23/11 09:37	
Bromomethane	ug/kg	ND	3.0	05/23/11 09:37	
Carbon disulfide	ug/kg	ND	3.0	05/23/11 09:37	
Carbon tetrachloride	ug/kg	ND	3.0	05/23/11 09:37	
Chlorobenzene	ug/kg	ND	3.0	05/23/11 09:37	
Chloroethane	ug/kg	ND	3.0	05/23/11 09:37	
Chloroform	ug/kg	ND	3.0	05/23/11 09:37	
Chloromethane	ug/kg	ND	3.0	05/23/11 09:37	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	05/23/11 09:37	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	05/23/11 09:37	

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 97 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

METHOD BLANK: 71331

Matrix: Solid

Associated Lab Samples: 257614001, 257614002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	05/23/11 09:37	
Dibromomethane	ug/kg	ND	3.0	05/23/11 09:37	
Dichlorodifluoromethane	ug/kg	ND	3.0	05/23/11 09:37	
Ethylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	05/23/11 09:37	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	05/23/11 09:37	
m&p-Xylene	ug/kg	ND	6.0	05/23/11 09:37	
Methyl-tert-butyl ether	ug/kg	ND	3.0	05/23/11 09:37	
Methylene chloride	ug/kg	ND	10.0	05/23/11 09:37	
n-Butylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
n-Propylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
Naphthalene	ug/kg	ND	3.0	05/23/11 09:37	
o-Xylene	ug/kg	ND	3.0	05/23/11 09:37	
p-Isopropyltoluene	ug/kg	ND	3.0	05/23/11 09:37	
sec-Butylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
Styrene	ug/kg	ND	3.0	05/23/11 09:37	
tert-Amylmethyl ether	ug/kg	ND	3.0	05/23/11 09:37	
tert-Butylbenzene	ug/kg	ND	3.0	05/23/11 09:37	
Tetrachloroethene	ug/kg	ND	3.0	05/23/11 09:37	
Toluene	ug/kg	0.94J	3.0	05/23/11 09:37	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	05/23/11 09:37	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	05/23/11 09:37	
Trichloroethene	ug/kg	ND	3.0	05/23/11 09:37	
Trichlorofluoromethane	ug/kg	ND	3.0	05/23/11 09:37	
Vinyl chloride	ug/kg	ND	3.0	05/23/11 09:37	
Xylene (Total)	ug/kg	ND	9.0	05/23/11 09:37	
1,2-Dichloroethane-d4 (S)	%	105	80-143	05/23/11 09:37	
4-Bromofluorobenzene (S)	%	102	72-122	05/23/11 09:37	
Dibromofluoromethane (S)	%	104	80-136	05/23/11 09:37	
Toluene-d8 (S)	%	99	80-120	05/23/11 09:37	

LABORATORY CONTROL SAMPLE: 71332

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.7	105	49-136	
1,1,1-Trichloroethane	ug/kg	50	54.0	108	56-147	
1,1,2,2-Tetrachloroethane	ug/kg	50	43.5	87	62-143	
1,1,2-Trichloroethane	ug/kg	50	44.8	90	66-127	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	53.9	108	60-140	
1,1-Dichloroethane	ug/kg	50	46.5	93	54-146	
1,1-Dichloroethene	ug/kg	50	52.0	104	58-152	
1,1-Dichloropropene	ug/kg	50	45.1	90	74-132	
1,2,3-Trichlorobenzene	ug/kg	50	49.4	99	54-146	
1,2,3-Trichloropropane	ug/kg	50	47.6	95	49-150	
1,2,4-Trichlorobenzene	ug/kg	50	49.2	98	48-153	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

LABORATORY CONTROL SAMPLE: 71332

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	47.5	95	66-133	
1,2-Dibromo-3-chloropropane	ug/kg	50	49.7	99	41-156	
1,2-Dibromoethane (EDB)	ug/kg	50	48.6	97	71-123	
1,2-Dichlorobenzene	ug/kg	50	47.4	95	71-127	
1,2-Dichloroethane	ug/kg	50	50.7	101	70-124	
1,2-Dichloroethene (Total)	ug/kg	100	99.4	99	69-138	
1,2-Dichloropropane	ug/kg	50	43.9	88	71-125	
1,3,5-Trimethylbenzene	ug/kg	50	49.5	99	69-130	
1,3-Dichlorobenzene	ug/kg	50	47.1	94	73-126	
1,3-Dichloropropane	ug/kg	50	46.7	93	65-128	
1,4-Dichlorobenzene	ug/kg	50	47.8	96	73-125	
2,2-Dichloropropane	ug/kg	50	46.9	94	36-164	
2-Butanone (MEK)	ug/kg	50	48.9	98	70-171	
2-Chlorotoluene	ug/kg	50	48.8	98	66-134	
2-Hexanone	ug/kg	50	46.5	93	51-180	
4-Chlorotoluene	ug/kg	50	50.3	101	64-137	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	44.8	90	50-162	
Acetone	ug/kg	50	47.7	95	47-166	
Benzene	ug/kg	50	45.8	92	75-133	
Bromobenzene	ug/kg	50	47.9	96	71-124	
Bromochloromethane	ug/kg	50	47.6	95	54-140	
Bromodichloromethane	ug/kg	50	49.6	99	73-120	
Bromoform	ug/kg	50	52.6	105	43-138	
Bromomethane	ug/kg	50	52.0	104	54-149	
Carbon disulfide	ug/kg	50	43.8	88	44-152	
Carbon tetrachloride	ug/kg	50	57.8	116	46-154	
Chlorobenzene	ug/kg	50	47.2	94	72-124	
Chloroethane	ug/kg	50	54.9	110	58-152	
Chloroform	ug/kg	50	50.1	100	72-131	
Chloromethane	ug/kg	50	45.8	92	50-156	
cis-1,2-Dichloroethene	ug/kg	50	48.7	97	76-132	
cis-1,3-Dichloropropene	ug/kg	50	40.7	81	69-120	
Dibromochloromethane	ug/kg	50	52.8	106	66-120	
Dibromomethane	ug/kg	50	47.7	95	75-122	
Dichlorodifluoromethane	ug/kg	50	56.4	113	49-157	
Ethylbenzene	ug/kg	50	49.9	100	68-131	
Hexachloro-1,3-butadiene	ug/kg	50	54.5	109	66-128	
Isopropylbenzene (Cumene)	ug/kg	50	52.1	104	57-142	
m&p-Xylene	ug/kg	100	98.8	99	67-132	
Methyl-tert-butyl ether	ug/kg	50	48.2	96	52-143	
Methylene chloride	ug/kg	50	44.5	89	45-146	
n-Butylbenzene	ug/kg	50	48.0	96	67-139	
n-Propylbenzene	ug/kg	50	49.1	98	68-133	
Naphthalene	ug/kg	50	44.7	89	52-147	
o-Xylene	ug/kg	50	48.0	96	68-129	
p-Isopropyltoluene	ug/kg	50	49.6	99	73-129	
sec-Butylbenzene	ug/kg	50	49.5	99	72-132	
Styrene	ug/kg	50	47.9	96	62-125	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

LABORATORY CONTROL SAMPLE: 71332

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amylmethyl ether	ug/kg	50	47.9	96	62-138	
tert-Butylbenzene	ug/kg	50	55.7	111	70-125	
Tetrachloroethene	ug/kg	50	54.7	109	62-130	
Toluene	ug/kg	50	48.0	96	73-124	
trans-1,2-Dichloroethene	ug/kg	50	50.7	101	64-144	
trans-1,3-Dichloropropene	ug/kg	50	52.7	105	50-128	
Trichloroethene	ug/kg	50	48.9	98	74-128	
Trichlorofluoromethane	ug/kg	50	61.9	124	57-163	
Vinyl chloride	ug/kg	50	50.6	101	59-155	
Xylene (Total)	ug/kg	150	147	98	68-130	
1,2-Dichloroethane-d4 (S)	%			105	80-143	
4-Bromofluorobenzene (S)	%			105	72-122	
Dibromofluoromethane (S)	%			107	80-136	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71631

71632

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
		257591059 Result	Spike Conc.	Spike Conc.	Result						RPD	RPD	
1,1,1,2-Tetrachloroethane	ug/kg	ND	55.7	55.7	38.2	36.8	69	66	71-116	4	30	M1	
1,1,1-Trichloroethane	ug/kg	ND	55.7	55.7	39.9	35.9	72	64	68-122	11	30	M1	
1,1,2,2-Tetrachloroethane	ug/kg	ND	55.7	55.7	37.2	37.0	67	66	67-130	.6	30	M1	
1,1,2-Trichloroethane	ug/kg	ND	55.7	55.7	37.5	33.5	67	60	70-117	11	30	M1	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	55.7	55.7	33.7	28.5	60	51	60-140	17	30	M1	
1,1-Dichloroethane	ug/kg	ND	55.7	55.7	33.4	29.4	60	53	71-123	13	30	M1	
1,1-Dichloroethene	ug/kg	ND	55.7	55.7	32.4	28.2	58	51	69-130	14	30	M1	
1,1-Dichloropropene	ug/kg	ND	55.7	55.7	29.4	25.6	53	46	71-129	14	30	M1	
1,2,3-Trichlorobenzene	ug/kg	ND	55.7	55.7	32.7	35.0	59	63	59-128	7	30		
1,2,3-Trichloropropane	ug/kg	ND	55.7	55.7	46.7	44.0	84	79	68-123	6	30		
1,2,4-Trichlorobenzene	ug/kg	ND	55.7	55.7	30.2	32.3	54	58	60-135	7	30	M1	
1,2,4-Trimethylbenzene	ug/kg	ND	55.7	55.7	28.1	29.3	51	52	62-131	4	30	M1	
1,2-Dibromo-3-chloropropane	ug/kg	ND	55.7	55.7	51.1	47.7	92	85	52-135	7	30		
1,2-Dibromoethane (EDB)	ug/kg	ND	55.7	55.7	41.4	39.2	74	70	71-123	5	30	M1	
1,2-Dichlorobenzene	ug/kg	ND	55.7	55.7	33.1	34.0	59	61	69-116	3	30	M1	
1,2-Dichloroethane	ug/kg	ND	55.7	55.7	44.3	39.7	80	71	71-124	11	30		
1,2-Dichloroethene (Total)	ug/kg	ND	111	112	69.4	59.7	62	53	64-112	15	30	M1	
1,2-Dichloropropane	ug/kg	ND	55.7	55.7	32.2	30.0	58	54	68-116	7	30	M1	
1,3,5-Trimethylbenzene	ug/kg	ND	55.7	55.7	30.4	30.7	55	55	62-128	.9	30	M1	
1,3-Dichlorobenzene	ug/kg	ND	55.7	55.7	30.6	31.5	55	56	68-115	3	30	M1	
1,3-Dichloropropane	ug/kg	ND	55.7	55.7	37.8	36.6	68	66	67-121	3	30	M1	
1,4-Dichlorobenzene	ug/kg	ND	55.7	55.7	31.4	32.0	56	57	68-116	2	30	M1	
2,2-Dichloropropane	ug/kg	ND	55.7	55.7	34.5	29.8	62	53	72-117	14	30	M1	
2-Butanone (MEK)	ug/kg	ND	55.7	55.7	46.2	35.5	83	64	58-152	26	30		
2-Chlorotoluene	ug/kg	ND	55.7	55.7	30.2	29.5	54	53	61-120	2	30	M1	
2-Hexanone	ug/kg	ND	55.7	55.7	46.1	41.9	83	75	55-150	10	30		
4-Chlorotoluene	ug/kg	ND	55.7	55.7	30.7	31.3	55	56	64-122	2	30	M1	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	55.7	55.7	46.9	40.6	84	73	63-147	15	30		

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 100 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71631												71632			
Parameter	Units	257591059 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max					
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual			
Acetone	ug/kg	12.9	55.7	55.7	49.9	34.2	67	38	52-160	38	30	D6,M1			
Benzene	ug/kg	ND	55.7	55.7	30.7	27.4	55	49	68-124	11	30	M1			
Bromobenzene	ug/kg	ND	55.7	55.7	33.4	34.2	60	61	68-120	2	30	M1			
Bromochloromethane	ug/kg	ND	55.7	55.7	39.7	35.5	71	64	78-114	11	30	M1			
Bromodichloromethane	ug/kg	ND	55.7	55.7	38.0	35.7	68	64	77-112	6	30	M1			
Bromoform	ug/kg	ND	55.7	55.7	46.7	43.4	84	78	72-122	7	30				
Bromomethane	ug/kg	ND	55.7	55.7	32.1	29.0	58	52	61-131	10	30	M1			
Carbon disulfide	ug/kg	ND	55.7	55.7	31.0	28.5	55	51	10-160	8	30				
Carbon tetrachloride	ug/kg	ND	55.7	55.7	40.7	38.0	73	68	74-115	7	30	M1			
Chlorobenzene	ug/kg	ND	55.7	55.7	32.8	31.3	59	56	67-130	5	30	M1			
Chloroethane	ug/kg	ND	55.7	55.7	32.3	28.4	58	51	68-126	13	30	M1			
Chloroform	ug/kg	ND	55.7	55.7	37.7	34.7	68	62	72-113	8	30	M1			
Chloromethane	ug/kg	ND	55.7	55.7	27.0	23.5	48	42	33-126	14	30				
cis-1,2-Dichloroethene	ug/kg	ND	55.7	55.7	34.7	30.3	62	54	73-122	14	30	M1			
cis-1,3-Dichloropropene	ug/kg	ND	55.7	55.7	31.0	28.6	56	51	75-125	8	30	M1			
Dibromochloromethane	ug/kg	ND	55.7	55.7	42.9	39.5	77	71	69-121	8	30				
Dibromomethane	ug/kg	ND	55.7	55.7	42.6	37.6	76	67	78-115	12	30	M1			
Dichlorodifluoromethane	ug/kg	ND	55.7	55.7	39.4	33.6	71	60	10-127	16	30				
Ethylbenzene	ug/kg	ND	55.7	55.7	31.6	30.0	57	54	63-131	5	30	M1			
Hexachloro-1,3-butadiene	ug/kg	ND	55.7	55.7	31.7	32.7	57	59	62-127	3	30	M1			
Isopropylbenzene (Cumene)	ug/kg	ND	55.7	55.7	33.0	31.2	59	56	66-127	6	30	M1			
m&p-Xylene	ug/kg	ND	111	112	60.7	57.6	55	52	69-128	5	30	M1			
Methyl-tert-butyl ether	ug/kg	ND	55.7	55.7	45.6	39.6	82	71	68-139	14	30				
Methylene chloride	ug/kg	ND	55.7	55.7	30.8	26.6	55	48	46-150	15	30				
n-Butylbenzene	ug/kg	ND	55.7	55.7	25.6	26.6	46	48	62-126	4	30	M1			
n-Propylbenzene	ug/kg	ND	55.7	55.7	28.6	28.3	51	51	59-129	.8	30	M1			
Naphthalene	ug/kg	ND	55.7	55.7	33.5	34.7	60	62	45-147	4	30				
o-Xylene	ug/kg	ND	55.7	55.7	29.8	29.1	54	52	63-129	2	30	M1			
p-Isopropyltoluene	ug/kg	ND	55.7	55.7	29.6	30.3	53	54	65-134	2	30	M1			
sec-Butylbenzene	ug/kg	ND	55.7	55.7	28.8	29.0	52	52	62-131	.8	30	M1			
Styrene	ug/kg	ND	55.7	55.7	31.3	29.6	56	53	68-129	6	30	M1			
tert-Amylmethyl ether	ug/kg	ND	55.7	55.7	41.5	37.1	75	66	74-125	11	30	M1			
tert-Butylbenzene	ug/kg	ND	55.7	55.7	38.2	38.9	69	70	56-131	2	30				
Tetrachloroethene	ug/kg	ND	55.7	55.7	34.0	32.4	61	58	66-121	5	30	M1			
Toluene	ug/kg	ND	55.7	55.7	30.4	28.9	54	51	61-126	5	30	M1			
trans-1,2-Dichloroethene	ug/kg	ND	55.7	55.7	34.6	29.4	62	53	72-118	16	30	M1			
trans-1,3-Dichloropropene	ug/kg	ND	55.7	55.7	43.4	41.7	78	75	64-113	4	30				
Trichloroethene	ug/kg	ND	55.7	55.7	32.8	28.8	59	52	72-115	13	30	M1			
Trichlorofluoromethane	ug/kg	ND	55.7	55.7	40.6	35.4	73	63	66-127	14	30	M1			
Vinyl chloride	ug/kg	ND	55.7	55.7	27.2	22.9	49	41	49-122	17	30	M1			
Xylene (Total)	ug/kg	ND	167	167	90.6	86.7	54	52	68-129	4	30	M1			
1,2-Dichloroethane-d4 (S)	%						135	129	80-143						
4-Bromofluorobenzene (S)	%						105	103	72-122						
Dibromofluoromethane (S)	%						116	112	80-136						
Toluene-d8 (S)	%						94	101	80-120						

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

QC Batch: MSV/4514 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 257614003, 257614005, 257614006, 257614008, 257614009, 257614010, 257614011, 257614013, 257614014, 257614018, 257614019, 257614020, 257614021, 257614024, 257614027

METHOD BLANK: 71512 Matrix: Solid
Associated Lab Samples: 257614003, 257614005, 257614006, 257614008, 257614009, 257614010, 257614011, 257614013, 257614014, 257614018, 257614019, 257614020, 257614021, 257614024, 257614027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	05/24/11 10:53	
1,1,1-Trichloroethane	ug/kg	ND	3.0	05/24/11 10:53	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	05/24/11 10:53	
1,1,2-Trichloroethane	ug/kg	ND	3.0	05/24/11 10:53	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	05/24/11 10:53	
1,1-Dichloroethane	ug/kg	ND	3.0	05/24/11 10:53	
1,1-Dichloroethene	ug/kg	ND	3.0	05/24/11 10:53	
1,1-Dichloropropene	ug/kg	ND	3.0	05/24/11 10:53	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	05/24/11 10:53	
1,2,3-Trichloropropane	ug/kg	ND	3.0	05/24/11 10:53	
1,2,4-Trichlorobenzene	ug/kg	0.27J	3.0	05/24/11 10:53	
1,2,4-Trimethylbenzene	ug/kg	0.63J	3.0	05/24/11 10:53	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/24/11 10:53	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	05/24/11 10:53	
1,2-Dichlorobenzene	ug/kg	ND	3.0	05/24/11 10:53	
1,2-Dichloroethane	ug/kg	ND	3.0	05/24/11 10:53	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	05/24/11 10:53	
1,2-Dichloropropane	ug/kg	ND	3.0	05/24/11 10:53	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	05/24/11 10:53	
1,3-Dichlorobenzene	ug/kg	ND	3.0	05/24/11 10:53	
1,3-Dichloropropane	ug/kg	ND	3.0	05/24/11 10:53	
1,4-Dichlorobenzene	ug/kg	ND	3.0	05/24/11 10:53	
2,2-Dichloropropane	ug/kg	ND	3.0	05/24/11 10:53	
2-Butanone (MEK)	ug/kg	ND	10.0	05/24/11 10:53	
2-Chlorotoluene	ug/kg	ND	3.0	05/24/11 10:53	
2-Hexanone	ug/kg	ND	10.0	05/24/11 10:53	
4-Chlorotoluene	ug/kg	ND	3.0	05/24/11 10:53	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	05/24/11 10:53	
Acetone	ug/kg	ND	10.0	05/24/11 10:53	
Benzene	ug/kg	0.61J	3.0	05/24/11 10:53	
Bromobenzene	ug/kg	ND	3.0	05/24/11 10:53	
Bromochloromethane	ug/kg	ND	3.0	05/24/11 10:53	
Bromodichloromethane	ug/kg	ND	3.0	05/24/11 10:53	
Bromoform	ug/kg	ND	3.0	05/24/11 10:53	
Bromomethane	ug/kg	ND	3.0	05/24/11 10:53	
Carbon disulfide	ug/kg	ND	3.0	05/24/11 10:53	
Carbon tetrachloride	ug/kg	ND	3.0	05/24/11 10:53	
Chlorobenzene	ug/kg	ND	3.0	05/24/11 10:53	
Chloroethane	ug/kg	ND	3.0	05/24/11 10:53	
Chloroform	ug/kg	ND	3.0	05/24/11 10:53	
Chloromethane	ug/kg	ND	3.0	05/24/11 10:53	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

METHOD BLANK: 71512

Matrix: Solid

Associated Lab Samples: 257614003, 257614005, 257614006, 257614008, 257614009, 257614010, 257614011, 257614013, 257614014, 257614018, 257614019, 257614020, 257614021, 257614024, 257614027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	05/24/11 10:53	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	05/24/11 10:53	
Dibromochloromethane	ug/kg	ND	3.0	05/24/11 10:53	
Dibromomethane	ug/kg	ND	3.0	05/24/11 10:53	
Dichlorodifluoromethane	ug/kg	ND	3.0	05/24/11 10:53	
Ethylbenzene	ug/kg	0.50J	3.0	05/24/11 10:53	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	05/24/11 10:53	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	05/24/11 10:53	
m&p-Xylene	ug/kg	1.3J	6.0	05/24/11 10:53	
Methyl-tert-butyl ether	ug/kg	ND	3.0	05/24/11 10:53	
Methylene chloride	ug/kg	13.6	10.0	05/24/11 10:53	B+
n-Butylbenzene	ug/kg	ND	3.0	05/24/11 10:53	
n-Propylbenzene	ug/kg	ND	3.0	05/24/11 10:53	
Naphthalene	ug/kg	0.79J	3.0	05/24/11 10:53	
o-Xylene	ug/kg	0.38J	3.0	05/24/11 10:53	
p-Isopropyltoluene	ug/kg	ND	3.0	05/24/11 10:53	
sec-Butylbenzene	ug/kg	ND	3.0	05/24/11 10:53	
Styrene	ug/kg	2.3J	3.0	05/24/11 10:53	
tert-Amylmethyl ether	ug/kg	ND	3.0	05/24/11 10:53	
tert-Butylbenzene	ug/kg	ND	3.0	05/24/11 10:53	
Tetrachloroethene	ug/kg	ND	3.0	05/24/11 10:53	
Toluene	ug/kg	ND	3.0	05/24/11 10:53	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	05/24/11 10:53	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	05/24/11 10:53	
Trichloroethene	ug/kg	ND	3.0	05/24/11 10:53	
Trichlorofluoromethane	ug/kg	ND	3.0	05/24/11 10:53	
Vinyl chloride	ug/kg	ND	3.0	05/24/11 10:53	
Xylene (Total)	ug/kg	1.7J	9.0	05/24/11 10:53	
1,2-Dichloroethane-d4 (S)	%	97	80-143	05/24/11 10:53	
4-Bromofluorobenzene (S)	%	102	72-122	05/24/11 10:53	
Dibromofluoromethane (S)	%	100	80-136	05/24/11 10:53	
Toluene-d8 (S)	%	99	80-120	05/24/11 10:53	

LABORATORY CONTROL SAMPLE: 71513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	51.3	103	49-136	
1,1,1-Trichloroethane	ug/kg	50	46.3	93	56-147	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.6	97	62-143	
1,1,2-Trichloroethane	ug/kg	50	49.1	98	66-127	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	43.3	87	60-140	
1,1-Dichloroethane	ug/kg	50	48.5	97	54-146	
1,1-Dichloroethene	ug/kg	50	49.6	99	58-152	
1,1-Dichloropropene	ug/kg	50	43.7	87	74-132	

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 103 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

LABORATORY CONTROL SAMPLE: 71513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	45.4	91	54-146	
1,2,3-Trichloropropane	ug/kg	50	49.3	99	49-150	
1,2,4-Trichlorobenzene	ug/kg	50	43.0	86	48-153	
1,2,4-Trimethylbenzene	ug/kg	50	43.3	87	66-133	
1,2-Dibromo-3-chloropropane	ug/kg	50	46.7	93	41-156	
1,2-Dibromoethane (EDB)	ug/kg	50	50.2	100	71-123	
1,2-Dichlorobenzene	ug/kg	50	48.1	96	71-127	
1,2-Dichloroethane	ug/kg	50	50.3	101	70-124	
1,2-Dichloroethene (Total)	ug/kg	100	103	103	69-138	
1,2-Dichloropropane	ug/kg	50	51.3	103	71-125	
1,3,5-Trimethylbenzene	ug/kg	50	47.4	95	69-130	
1,3-Dichlorobenzene	ug/kg	50	47.1	94	73-126	
1,3-Dichloropropane	ug/kg	50	49.2	98	65-128	
1,4-Dichlorobenzene	ug/kg	50	46.8	94	73-125	
2,2-Dichloropropane	ug/kg	50	46.8	94	36-164	
2-Butanone (MEK)	ug/kg	50	48.3	97	70-171	
2-Chlorotoluene	ug/kg	50	47.8	96	66-134	
2-Hexanone	ug/kg	50	46.5	93	51-180	
4-Chlorotoluene	ug/kg	50	47.4	95	64-137	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	45.8	92	50-162	
Acetone	ug/kg	50	43.9	88	47-166	
Benzene	ug/kg	50	48.5	97	75-133	
Bromobenzene	ug/kg	50	49.5	99	71-124	
Bromochloromethane	ug/kg	50	50.4	101	54-140	
Bromodichloromethane	ug/kg	50	50.8	102	73-120	
Bromoform	ug/kg	50	46.6	93	43-138	
Bromomethane	ug/kg	50	66.0	132	54-149	
Carbon disulfide	ug/kg	50	48.8	98	44-152	
Carbon tetrachloride	ug/kg	50	46.2	92	46-154	
Chlorobenzene	ug/kg	50	49.8	100	72-124	
Chloroethane	ug/kg	50	48.1	96	58-152	
Chloroform	ug/kg	50	50.4	101	72-131	
Chloromethane	ug/kg	50	44.5	89	50-156	
cis-1,2-Dichloroethene	ug/kg	50	51.9	104	76-132	
cis-1,3-Dichloropropene	ug/kg	50	39.3	79	69-120	
Dibromochloromethane	ug/kg	50	50.2	100	66-120	
Dibromomethane	ug/kg	50	50.1	100	75-122	
Dichlorodifluoromethane	ug/kg	50	43.2	86	49-157	
Ethylbenzene	ug/kg	50	44.8	90	68-131	
Hexachloro-1,3-butadiene	ug/kg	50	42.2	84	66-128	
Isopropylbenzene (Cumene)	ug/kg	50	48.0	96	57-142	
m&p-Xylene	ug/kg	100	83.2	83	67-132	
Methyl-tert-butyl ether	ug/kg	50	50.3	101	52-143	
Methylene chloride	ug/kg	50	68.4	137	45-146	
n-Butylbenzene	ug/kg	50	42.1	84	67-139	
n-Propylbenzene	ug/kg	50	45.7	91	68-133	
Naphthalene	ug/kg	50	44.3	89	52-147	
o-Xylene	ug/kg	50	45.4	91	68-129	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

LABORATORY CONTROL SAMPLE: 71513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	50	44.5	89	73-129	
sec-Butylbenzene	ug/kg	50	45.2	90	72-132	
Styrene	ug/kg	50	49.5	99	62-125	
tert-Amylmethyl ether	ug/kg	50	48.3	97	62-138	
tert-Butylbenzene	ug/kg	50	55.7	111	70-125	
Tetrachloroethene	ug/kg	50	51.7	103	62-130	
Toluene	ug/kg	50	50.0	100	73-124	
trans-1,2-Dichloroethene	ug/kg	50	51.5	103	64-144	
trans-1,3-Dichloropropene	ug/kg	50	56.2	112	50-128	
Trichloroethene	ug/kg	50	48.5	97	74-128	
Trichlorofluoromethane	ug/kg	50	41.9	84	57-163	
Vinyl chloride	ug/kg	50	43.7	87	59-155	
Xylene (Total)	ug/kg	150	129	86	68-130	
1,2-Dichloroethane-d4 (S)	%			95	80-143	
4-Bromofluorobenzene (S)	%			102	72-122	
Dibromofluoromethane (S)	%			101	80-136	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71775 71776

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		257614003 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/kg	ND	117	118	123	120	105	102	71-116	3	30	
1,1,1-Trichloroethane	ug/kg	ND	117	118	145	137	124	117	68-122	5	30	M1
1,1,2,2-Tetrachloroethane	ug/kg	ND	117	118	105	109	90	93	67-130	3	30	
1,1,2-Trichloroethane	ug/kg	ND	117	118	107	111	91	95	70-117	4	30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	117	118	144	132	123	112	60-140	9	30	
1,1-Dichloroethane	ug/kg	ND	117	118	132	131	113	112	71-123	.8	30	
1,1-Dichloroethene	ug/kg	ND	117	118	149	141	127	120	69-130	6	30	
1,1-Dichloropropene	ug/kg	ND	117	118	129	123	110	105	71-129	5	30	
1,2,3-Trichlorobenzene	ug/kg	ND	117	118	67.9	56.1	58	48	59-128	19	30	M1
1,2,3-Trichloropropane	ug/kg	ND	117	118	110	112	94	96	68-123	2	30	
1,2,4-Trichlorobenzene	ug/kg	ND	117	118	75.1	61.3	64	52	60-135	20	30	M1
1,2,4-Trimethylbenzene	ug/kg	2.1J	117	118	113	98.3	95	82	62-131	14	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	117	118	95.5	101	82	86	52-135	5	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	117	118	107	111	91	94	71-123	4	30	
1,2-Dichlorobenzene	ug/kg	ND	117	118	104	92.5	89	79	69-116	12	30	
1,2-Dichloroethane	ug/kg	ND	117	118	111	118	95	100	71-124	6	30	
1,2-Dichloroethene (Total)	ug/kg	1.2J	234	236	282	276	120	117	64-112	2	30	M1
1,2-Dichloropropane	ug/kg	ND	117	118	127	128	109	109	68-116	.5	30	
1,3,5-Trimethylbenzene	ug/kg	ND	117	118	128	108	110	92	62-128	17	30	
1,3-Dichlorobenzene	ug/kg	ND	117	118	112	98.6	96	84	68-115	13	30	
1,3-Dichloropropane	ug/kg	ND	117	118	110	112	94	95	67-121	2	30	
1,4-Dichlorobenzene	ug/kg	ND	117	118	111	96.8	95	82	68-116	14	30	
2,2-Dichloropropane	ug/kg	ND	117	118	151	143	129	122	72-117	5	30	M1
2-Butanone (MEK)	ug/kg	28.8	117	118	98.6	113	60	71	58-152	13	30	
2-Chlorotoluene	ug/kg	ND	117	118	128	110	109	94	61-120	14	30	

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 105 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71775		71776		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		257614003 Result	MS Spike Conc.	MSD Spike Conc.									
2-Hexanone	ug/kg	ND	117	118	87.8	100	75	85	55-150	13	30		
4-Chlorotoluene	ug/kg	ND	117	118	125	110	107	94	64-122	13	30		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	117	118	90.3	108	77	91	63-147	17	30		
Acetone	ug/kg	138	117	118	75.9	83.4	-53	-46	52-160	9	30	M1	
Benzene	ug/kg	1.2J	117	118	128	127	109	107	68-124	1	30		
Bromobenzene	ug/kg	ND	117	118	122	112	104	96	68-120	8	30		
Bromochloromethane	ug/kg	ND	117	118	116	122	99	103	78-114	5	30		
Bromodichloromethane	ug/kg	ND	117	118	120	122	103	104	77-112	2	30		
Bromoform	ug/kg	ND	117	118	92.3	97.7	79	83	72-122	6	30		
Bromomethane	ug/kg	ND	117	118	168	158	144	134	61-131	6	30	M1	
Carbon disulfide	ug/kg	3.8J	117	118	159	148	132	123	10-160	7	30		
Carbon tetrachloride	ug/kg	ND	117	118	147	138	126	117	74-115	6	30	M1	
Chlorobenzene	ug/kg	ND	117	118	122	115	104	98	67-130	6	30		
Chloroethane	ug/kg	ND	117	118	134	130	115	110	68-126	4	30		
Chloroform	ug/kg	ND	117	118	131	130	112	111	72-113	.4	30		
Chloromethane	ug/kg	ND	117	118	117	119	100	101	33-126	2	30		
cis-1,2-Dichloroethene	ug/kg	1.2J	117	118	134	134	114	113	73-122	.7	30		
cis-1,3-Dichloropropene	ug/kg	ND	117	118	91.9	96.4	79	82	75-125	5	30		
Dibromochloromethane	ug/kg	ND	117	118	111	113	95	96	69-121	2	30		
Dibromomethane	ug/kg	ND	117	118	109	115	93	98	78-115	6	30		
Dichlorodifluoromethane	ug/kg	ND	117	118	131	122	112	104	10-127	7	30		
Ethylbenzene	ug/kg	0.93J	117	118	119	110	101	93	63-131	8	30		
Hexachloro-1,3-butadiene	ug/kg	ND	117	118	73.4	56.4	63	48	62-127	26	30	M1	
Isopropylbenzene (Cumene)	ug/kg	ND	117	118	125	112	107	96	66-127	11	30		
m&p-Xylene	ug/kg	3.6J	234	236	217	200	91	84	69-128	8	30		
Methyl-tert-butyl ether	ug/kg	ND	117	118	115	129	98	110	68-139	11	30		
Methylene chloride	ug/kg	ND	117	118	123	122	104	103	46-150	.7	30		
n-Butylbenzene	ug/kg	ND	117	118	109	87.7	93	75	62-126	22	30		
n-Propylbenzene	ug/kg	ND	117	118	132	111	113	95	59-129	17	30		
Naphthalene	ug/kg	1.6J	117	118	71.4	66.2	60	55	45-147	7	30		
o-Xylene	ug/kg	ND	117	118	114	106	98	90	63-129	8	30		
p-Isopropyltoluene	ug/kg	ND	117	118	120	98.3	102	84	65-134	20	30		
sec-Butylbenzene	ug/kg	ND	117	118	122	99.3	104	84	62-131	21	30		
Styrene	ug/kg	ND	117	118	119	111	101	94	68-129	7	30		
tert-Amylmethyl ether	ug/kg	ND	117	118	116	132	100	112	74-125	13	30		
tert-Butylbenzene	ug/kg	ND	117	118	150	126	128	107	56-131	17	30		
Tetrachloroethene	ug/kg	ND	117	118	142	127	121	108	66-121	11	30		
Toluene	ug/kg	ND	117	118	132	125	113	106	61-126	5	30		
trans-1,2-Dichloroethene	ug/kg	ND	117	118	148	143	126	121	72-118	4	30	M1	
trans-1,3-Dichloropropene	ug/kg	ND	117	118	129	132	110	112	64-113	3	30		
Trichloroethene	ug/kg	1.0J	117	118	135	130	115	110	72-115	4	30		
Trichlorofluoromethane	ug/kg	ND	117	118	137	128	117	109	66-127	6	30		
Vinyl chloride	ug/kg	ND	117	118	133	127	114	108	49-122	5	30		
Xylene (Total)	ug/kg	3.6J	351	353	331	306	93	86	68-129	8	30		
1,2-Dichloroethane-d4 (S)	%						94	103	80-143				
4-Bromofluorobenzene (S)	%						108	105	72-122				
Dibromofluoromethane (S)	%						102	106	80-136				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		71775		71776									
Parameter	Units	257614003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Toluene-d8 (S)	%						102	101	80-120				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: MSV/4529 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
 Associated Lab Samples: 257614004, 257614007, 257614012, 257614015, 257614016, 257614017, 257614022, 257614023, 257614025, 257614026, 257614028, 257614029, 257614030, 257614031

METHOD BLANK: 71830 Matrix: Solid
 Associated Lab Samples: 257614004, 257614007, 257614012, 257614015, 257614016, 257614017, 257614022, 257614023, 257614025, 257614026, 257614028, 257614029, 257614030, 257614031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	05/25/11 12:14	
1,1,1-Trichloroethane	ug/kg	ND	3.0	05/25/11 12:14	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	05/25/11 12:14	
1,1,2-Trichloroethane	ug/kg	ND	3.0	05/25/11 12:14	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	05/25/11 12:14	
1,1-Dichloroethane	ug/kg	ND	3.0	05/25/11 12:14	
1,1-Dichloroethene	ug/kg	ND	3.0	05/25/11 12:14	
1,1-Dichloropropene	ug/kg	ND	3.0	05/25/11 12:14	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	05/25/11 12:14	
1,2,3-Trichloropropane	ug/kg	ND	3.0	05/25/11 12:14	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	05/25/11 12:14	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	05/25/11 12:14	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/25/11 12:14	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	05/25/11 12:14	
1,2-Dichlorobenzene	ug/kg	ND	3.0	05/25/11 12:14	
1,2-Dichloroethane	ug/kg	ND	3.0	05/25/11 12:14	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	05/25/11 12:14	
1,2-Dichloropropane	ug/kg	ND	3.0	05/25/11 12:14	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	05/25/11 12:14	
1,3-Dichlorobenzene	ug/kg	ND	3.0	05/25/11 12:14	
1,3-Dichloropropane	ug/kg	ND	3.0	05/25/11 12:14	
1,4-Dichlorobenzene	ug/kg	ND	3.0	05/25/11 12:14	
2,2-Dichloropropane	ug/kg	ND	3.0	05/25/11 12:14	
2-Butanone (MEK)	ug/kg	ND	10.0	05/25/11 12:14	
2-Chlorotoluene	ug/kg	ND	3.0	05/25/11 12:14	
2-Hexanone	ug/kg	ND	10.0	05/25/11 12:14	
4-Chlorotoluene	ug/kg	ND	3.0	05/25/11 12:14	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	05/25/11 12:14	
Acetone	ug/kg	ND	10.0	05/25/11 12:14	
Benzene	ug/kg	ND	3.0	05/25/11 12:14	
Bromobenzene	ug/kg	ND	3.0	05/25/11 12:14	
Bromochloromethane	ug/kg	ND	3.0	05/25/11 12:14	
Bromodichloromethane	ug/kg	ND	3.0	05/25/11 12:14	
Bromoform	ug/kg	ND	3.0	05/25/11 12:14	
Bromomethane	ug/kg	ND	3.0	05/25/11 12:14	
Carbon disulfide	ug/kg	ND	3.0	05/25/11 12:14	
Carbon tetrachloride	ug/kg	ND	3.0	05/25/11 12:14	
Chlorobenzene	ug/kg	ND	3.0	05/25/11 12:14	
Chloroethane	ug/kg	ND	3.0	05/25/11 12:14	
Chloroform	ug/kg	ND	3.0	05/25/11 12:14	
Chloromethane	ug/kg	ND	3.0	05/25/11 12:14	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

METHOD BLANK: 71830

Matrix: Solid

Associated Lab Samples: 257614004, 257614007, 257614012, 257614015, 257614016, 257614017, 257614022, 257614023, 257614025, 257614026, 257614028, 257614029, 257614030, 257614031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	05/25/11 12:14	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	05/25/11 12:14	
Dibromochloromethane	ug/kg	ND	3.0	05/25/11 12:14	
Dibromomethane	ug/kg	ND	3.0	05/25/11 12:14	
Dichlorodifluoromethane	ug/kg	ND	3.0	05/25/11 12:14	
Ethylbenzene	ug/kg	ND	3.0	05/25/11 12:14	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	05/25/11 12:14	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	05/25/11 12:14	
m&p-Xylene	ug/kg	ND	6.0	05/25/11 12:14	
Methyl-tert-butyl ether	ug/kg	ND	3.0	05/25/11 12:14	
Methylene chloride	ug/kg	ND	10.0	05/25/11 12:14	
n-Butylbenzene	ug/kg	ND	3.0	05/25/11 12:14	
n-Propylbenzene	ug/kg	ND	3.0	05/25/11 12:14	
Naphthalene	ug/kg	ND	3.0	05/25/11 12:14	
o-Xylene	ug/kg	ND	3.0	05/25/11 12:14	
p-Isopropyltoluene	ug/kg	ND	3.0	05/25/11 12:14	
sec-Butylbenzene	ug/kg	ND	3.0	05/25/11 12:14	
Styrene	ug/kg	ND	3.0	05/25/11 12:14	
tert-Amylmethyl ether	ug/kg	ND	3.0	05/25/11 12:14	
tert-Butylbenzene	ug/kg	ND	3.0	05/25/11 12:14	
Tetrachloroethene	ug/kg	ND	3.0	05/25/11 12:14	
Toluene	ug/kg	ND	3.0	05/25/11 12:14	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	05/25/11 12:14	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	05/25/11 12:14	
Trichloroethene	ug/kg	ND	3.0	05/25/11 12:14	
Trichlorofluoromethane	ug/kg	ND	3.0	05/25/11 12:14	
Vinyl chloride	ug/kg	ND	3.0	05/25/11 12:14	
Xylene (Total)	ug/kg	ND	9.0	05/25/11 12:14	
1,2-Dichloroethane-d4 (S)	%	114	80-143	05/25/11 12:14	
4-Bromofluorobenzene (S)	%	97	72-122	05/25/11 12:14	
Dibromofluoromethane (S)	%	105	80-136	05/25/11 12:14	
Toluene-d8 (S)	%	96	80-120	05/25/11 12:14	

LABORATORY CONTROL SAMPLE: 71831

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	56.5	113	49-136	
1,1,1-Trichloroethane	ug/kg	50	61.1	122	56-147	
1,1,2,2-Tetrachloroethane	ug/kg	50	44.2	88	62-143	
1,1,2-Trichloroethane	ug/kg	50	46.5	93	66-127	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	54.8	110	60-140	
1,1-Dichloroethane	ug/kg	50	49.7	99	54-146	
1,1-Dichloroethene	ug/kg	50	49.9	100	58-152	
1,1-Dichloropropene	ug/kg	50	48.6	97	74-132	

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 109 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

LABORATORY CONTROL SAMPLE: 71831

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	52.8	106	54-146	
1,2,3-Trichloropropane	ug/kg	50	51.9	104	49-150	
1,2,4-Trichlorobenzene	ug/kg	50	53.4	107	48-153	
1,2,4-Trimethylbenzene	ug/kg	50	51.0	102	66-133	
1,2-Dibromo-3-chloropropane	ug/kg	50	50.1	100	41-156	
1,2-Dibromoethane (EDB)	ug/kg	50	49.1	98	71-123	
1,2-Dichlorobenzene	ug/kg	50	49.3	99	71-127	
1,2-Dichloroethane	ug/kg	50	54.7	109	70-124	
1,2-Dichloroethene (Total)	ug/kg	100	105	105	69-138	
1,2-Dichloropropane	ug/kg	50	47.2	94	71-125	
1,3,5-Trimethylbenzene	ug/kg	50	53.0	106	69-130	
1,3-Dichlorobenzene	ug/kg	50	49.7	99	73-126	
1,3-Dichloropropane	ug/kg	50	48.1	96	65-128	
1,4-Dichlorobenzene	ug/kg	50	49.9	100	73-125	
2,2-Dichloropropane	ug/kg	50	56.9	114	36-164	
2-Butanone (MEK)	ug/kg	50	52.6	105	70-171	
2-Chlorotoluene	ug/kg	50	50.5	101	66-134	
2-Hexanone	ug/kg	50	48.5	97	51-180	
4-Chlorotoluene	ug/kg	50	51.5	103	64-137	
4-Methyl-2-pentanone (MIBK)	ug/kg	50	47.2	94	50-162	
Acetone	ug/kg	50	43.2	86	47-166	
Benzene	ug/kg	50	48.1	96	75-133	
Bromobenzene	ug/kg	50	51.1	102	71-124	
Bromochloromethane	ug/kg	50	50.3	101	54-140	
Bromodichloromethane	ug/kg	50	55.1	110	73-120	
Bromoform	ug/kg	50	56.0	112	43-138	
Bromomethane	ug/kg	50	44.3	89	54-149	
Carbon disulfide	ug/kg	50	60.5	121	44-152	
Carbon tetrachloride	ug/kg	50	65.2	130	46-154	
Chlorobenzene	ug/kg	50	50.3	101	72-124	
Chloroethane	ug/kg	50	46.6	93	58-152	
Chloroform	ug/kg	50	54.0	108	72-131	
Chloromethane	ug/kg	50	36.8	74	50-156	
cis-1,2-Dichloroethene	ug/kg	50	51.5	103	76-132	
cis-1,3-Dichloropropene	ug/kg	50	42.4	85	69-120	
Dibromochloromethane	ug/kg	50	56.5	113	66-120	
Dibromomethane	ug/kg	50	53.9	108	75-122	
Dichlorodifluoromethane	ug/kg	50	42.3	85	49-157	
Ethylbenzene	ug/kg	50	53.6	107	68-131	
Hexachloro-1,3-butadiene	ug/kg	50	59.0	118	66-128	
Isopropylbenzene (Cumene)	ug/kg	50	57.2	114	57-142	
m&p-Xylene	ug/kg	100	106	106	67-132	
Methyl-tert-butyl ether	ug/kg	50	51.4	103	52-143	
Methylene chloride	ug/kg	50	62.8	126	45-146	
n-Butylbenzene	ug/kg	50	51.7	103	67-139	
n-Propylbenzene	ug/kg	50	51.4	103	68-133	
Naphthalene	ug/kg	50	45.3	91	52-147	
o-Xylene	ug/kg	50	49.4	99	68-129	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

LABORATORY CONTROL SAMPLE: 71831

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	50	52.9	106	73-129	
sec-Butylbenzene	ug/kg	50	52.8	106	72-132	
Styrene	ug/kg	50	50.6	101	62-125	
tert-Amylmethyl ether	ug/kg	50	50.1	100	62-138	
tert-Butylbenzene	ug/kg	50	60.0	120	70-125	
Tetrachloroethene	ug/kg	50	59.1	118	62-130	
Toluene	ug/kg	50	50.5	101	73-124	
trans-1,2-Dichloroethene	ug/kg	50	53.3	107	64-144	
trans-1,3-Dichloropropene	ug/kg	50	57.8	116	50-128	
Trichloroethene	ug/kg	50	55.0	110	74-128	
Trichlorofluoromethane	ug/kg	50	59.7	119	57-163	
Vinyl chloride	ug/kg	50	40.3	81	59-155	
Xylene (Total)	ug/kg	150	156	104	68-130	
1,2-Dichloroethane-d4 (S)	%			107	80-143	
4-Bromofluorobenzene (S)	%			101	72-122	
Dibromofluoromethane (S)	%			106	80-136	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 71832 71833

Parameter	Units	71832		71833		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		257614007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/kg	ND	58.9	60.3	48.7	45.2	83	75	71-116	7	30	
1,1,1-Trichloroethane	ug/kg	ND	58.9	60.3	34.9	35.1	59	58	68-122	.6	30	M1
1,1,2,2-Tetrachloroethane	ug/kg	ND	58.9	60.3	45.5	41.1	77	68	67-130	10	30	
1,1,2-Trichloroethane	ug/kg	ND	58.9	60.3	43.7	39.6	74	66	70-117	10	30	M1
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	58.9	60.3	25.1	25.4	43	42	60-140	1	30	M1
1,1-Dichloroethane	ug/kg	ND	58.9	60.3	34.0	32.8	58	54	71-123	4	30	M1
1,1-Dichloroethene	ug/kg	ND	58.9	60.3	27.4	27.1	46	45	69-130	1	30	M1
1,1-Dichloropropene	ug/kg	ND	58.9	60.3	28.5	25.7	48	43	71-129	10	30	M1
1,2,3-Trichlorobenzene	ug/kg	ND	58.9	60.3	43.0	44.1	73	73	59-128	2	30	
1,2,3-Trichloropropane	ug/kg	ND	58.9	60.3	53.3	47.9	91	80	68-123	11	30	
1,2,4-Trichlorobenzene	ug/kg	ND	58.9	60.3	43.3	42.7	74	71	60-135	2	30	
1,2,4-Trimethylbenzene	ug/kg	1.0J	58.9	60.3	40.3	36.5	67	59	62-131	10	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	58.9	60.3	52.7	48.7	89	81	52-135	8	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	58.9	60.3	48.1	44.1	82	73	71-123	9	30	
1,2-Dichlorobenzene	ug/kg	ND	58.9	60.3	44.8	42.4	76	70	69-116	6	30	
1,2-Dichloroethane	ug/kg	ND	58.9	60.3	46.7	45.0	79	75	71-124	4	30	
1,2-Dichloroethene (Total)	ug/kg	ND	118	121	69.6	66.1	59	55	64-112	5	30	M1
1,2-Dichloropropane	ug/kg	ND	58.9	60.3	37.2	34.9	63	58	68-116	6	30	M1
1,3,5-Trimethylbenzene	ug/kg	ND	58.9	60.3	40.8	37.5	69	62	62-128	8	30	
1,3-Dichlorobenzene	ug/kg	ND	58.9	60.3	42.0	39.8	71	66	68-115	5	30	M1
1,3-Dichloropropane	ug/kg	ND	58.9	60.3	46.2	41.9	78	70	67-121	10	30	
1,4-Dichlorobenzene	ug/kg	ND	58.9	60.3	44.4	42.0	75	70	68-116	6	30	
2,2-Dichloropropane	ug/kg	ND	58.9	60.3	32.5	33.2	55	55	72-117	2	30	M1
2-Butanone (MEK)	ug/kg	ND	58.9	60.3	48.1	44.3	82	73	58-152	8	30	
2-Chlorotoluene	ug/kg	ND	58.9	60.3	41.1	37.3	70	62	61-120	10	30	

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 111 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

Parameter	Units	71832		71833		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		257614007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
2-Hexanone	ug/kg	ND	58.9	60.3	47.6	44.5	81	74	55-150	7	30		
4-Chlorotoluene	ug/kg	ND	58.9	60.3	44.0	39.6	75	66	64-122	10	30		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	58.9	60.3	41.7	42.8	71	71	63-147	2	30		
Acetone	ug/kg	ND	58.9	60.3	44.3	41.7	75	69	52-160	6	30		
Benzene	ug/kg	ND	58.9	60.3	33.3	32.0	56	53	68-124	4	30	M1	
Bromobenzene	ug/kg	ND	58.9	60.3	46.7	43.3	79	72	68-120	7	30		
Bromochloromethane	ug/kg	ND	58.9	60.3	41.6	40.3	71	67	78-114	3	30	M1	
Bromodichloromethane	ug/kg	ND	58.9	60.3	42.8	41.5	73	69	77-112	3	30	M1	
Bromoform	ug/kg	ND	58.9	60.3	52.5	50.4	89	84	72-122	4	30		
Bromomethane	ug/kg	ND	58.9	60.3	27.2	29.9	46	50	61-131	10	30	M1	
Carbon disulfide	ug/kg	ND	58.9	60.3	34.8	34.3	59	57	10-160	1	30		
Carbon tetrachloride	ug/kg	ND	58.9	60.3	36.3	35.6	62	59	74-115	2	30	M1	
Chlorobenzene	ug/kg	ND	58.9	60.3	41.1	38.8	70	64	67-130	6	30	M1	
Chloroethane	ug/kg	ND	58.9	60.3	26.3	28.1	45	47	68-126	7	30	M1	
Chloroform	ug/kg	ND	58.9	60.3	40.7	38.7	69	64	72-113	5	30	M1	
Chloromethane	ug/kg	ND	58.9	60.3	19.3	21.7	33	36	33-126	12	30		
cis-1,2-Dichloroethene	ug/kg	ND	58.9	60.3	36.6	35.1	62	58	73-122	4	30	M1	
cis-1,3-Dichloropropene	ug/kg	ND	58.9	60.3	34.8	32.9	59	55	75-125	6	30	M1	
Dibromochloromethane	ug/kg	ND	58.9	60.3	51.7	47.4	88	79	69-121	9	30		
Dibromomethane	ug/kg	ND	58.9	60.3	44.3	41.0	75	68	78-115	8	30	M1	
Dichlorodifluoromethane	ug/kg	ND	58.9	60.3	18.2	19.6	31	33	10-127	8	30		
Ethylbenzene	ug/kg	0.84J	58.9	60.3	38.5	34.9	64	56	63-131	10	30	M1	
Hexachloro-1,3-butadiene	ug/kg	ND	58.9	60.3	35.6	35.7	60	59	62-127	.3	30	M1	
Isopropylbenzene (Cumene)	ug/kg	ND	58.9	60.3	37.3	35.4	63	59	66-127	5	30	M1	
m&p-Xylene	ug/kg	2.1J	118	121	74.9	68.7	62	55	69-128	9	30	M1	
Methyl-tert-butyl ether	ug/kg	ND	58.9	60.3	44.0	43.3	75	72	68-139	2	30		
Methylene chloride	ug/kg	8.5J	58.9	60.3	36.9	35.3	48	45	46-150	4	30	M1	
n-Butylbenzene	ug/kg	ND	58.9	60.3	33.4	31.3	57	52	62-126	6	30	M1	
n-Propylbenzene	ug/kg	ND	58.9	60.3	37.9	34.2	64	57	59-129	10	30	M1	
Naphthalene	ug/kg	1.5J	58.9	60.3	38.6	41.3	63	66	45-147	7	30		
o-Xylene	ug/kg	1.3J	58.9	60.3	38.3	35.5	63	57	63-129	8	30	M1	
p-Isopropyltoluene	ug/kg	ND	58.9	60.3	37.5	34.3	64	57	65-134	9	30	M1	
sec-Butylbenzene	ug/kg	ND	58.9	60.3	35.3	32.6	60	54	62-131	8	30	M1	
Styrene	ug/kg	ND	58.9	60.3	41.0	38.9	70	65	68-129	5	30	M1	
tert-Amylmethyl ether	ug/kg	ND	58.9	60.3	41.6	42.2	71	70	74-125	2	30	M1	
tert-Butylbenzene	ug/kg	ND	58.9	60.3	44.6	40.0	76	66	56-131	11	30		
Tetrachloroethene	ug/kg	ND	58.9	60.3	36.9	33.6	63	56	66-121	9	30	M1	
Toluene	ug/kg	2.5J	58.9	60.3	38.3	33.7	61	52	61-126	13	30	M1	
trans-1,2-Dichloroethene	ug/kg	ND	58.9	60.3	33.0	30.9	56	51	72-118	6	30	M1	
trans-1,3-Dichloropropene	ug/kg	ND	58.9	60.3	54.1	48.9	92	81	64-113	10	30		
Trichloroethene	ug/kg	ND	58.9	60.3	33.8	32.0	57	53	72-115	5	30	M1	
Trichlorofluoromethane	ug/kg	ND	58.9	60.3	28.5	30.1	48	50	66-127	5	30	M1	
Vinyl chloride	ug/kg	ND	58.9	60.3	18.6	19.6	32	32	49-122	5	30	M1	
Xylene (Total)	ug/kg	3.4J	177	181	113	104	62	56	68-129	8	30	M1	
1,2-Dichloroethane-d4 (S)	%						118	118	80-143				
4-Bromofluorobenzene (S)	%						105	105	72-122				
Dibromofluoromethane (S)	%						109	113	80-136				

Date: 04/18/2012 10:16 AM

REPORT OF LABORATORY ANALYSIS

Page 112 of 125

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		71832		71833									
Parameter	Units	257614007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Toluene-d8 (S)	%						106	101	80-120				

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

QC Batch: OEXT/3719 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 257614001, 257614002, 257614004

METHOD BLANK: 70513 Matrix: Solid
Associated Lab Samples: 257614001, 257614002, 257614004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	05/20/11 12:09	
2,4,6-Tribromophenol (S)	%	53	26-135	05/20/11 12:09	

LABORATORY CONTROL SAMPLE: 70514

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	523	39	20-89	
2,4,6-Tribromophenol (S)	%			83	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70515 70516

Parameter	Units	257591050 Result	MS		MSD		% Rec		% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Pentachlorophenol	ug/kg	ND	1560	1020	1110	65	72	10-143	8	28		
2,4,6-Tribromophenol (S)	%					88	95	26-135				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: OEXT/3723 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 257614005, 257614006, 257614007, 257614008, 257614010, 257614011, 257614012, 257614013, 257614014, 257614015, 257614017, 257614018, 257614019, 257614020, 257614021, 257614022, 257614023, 257614025, 257614026, 257614027

METHOD BLANK: 70696 Matrix: Solid
 Associated Lab Samples: 257614005, 257614006, 257614007, 257614008, 257614010, 257614011, 257614012, 257614013, 257614014, 257614015, 257614017, 257614018, 257614019, 257614020, 257614021, 257614022, 257614023, 257614025, 257614026, 257614027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	05/22/11 20:58	
2,4,6-Tribromophenol (S)	%	54	26-135	05/22/11 20:58	

LABORATORY CONTROL SAMPLE: 70697

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	477	36	20-89	
2,4,6-Tribromophenol (S)	%			84	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70698 70699

Parameter	Units	257614008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1550	1550	1210	1200	78	78	10-143	.5	28	
2,4,6-Tribromophenol (S)	%						96	95	26-135			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: OEXT/3733 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 257614003, 257614028, 257614029, 257614030, 257614031, 257614032, 257614033, 257614034, 257614035, 257614036, 257614037, 257614038, 257614039, 257614040, 257614041, 257614042, 257614043, 257614044

METHOD BLANK: 70925 Matrix: Solid
 Associated Lab Samples: 257614003, 257614028, 257614029, 257614030, 257614031, 257614032, 257614033, 257614034, 257614035, 257614036, 257614037, 257614038, 257614039, 257614040, 257614041, 257614042, 257614043, 257614044

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	05/24/11 13:54	
2,4,6-Tribromophenol (S)	%	44	26-135	05/24/11 13:54	

LABORATORY CONTROL SAMPLE: 70926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	721	54	20-89	
2,4,6-Tribromophenol (S)	%			85	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70927 70928

Parameter	Units	257614030 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1580	1580	1240	1180	78	74	10-143	6	28	
2,4,6-Tribromophenol (S)	%						93	91	26-135			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: OEXT/3693

Analysis Method: EPA 8270

QC Batch Method: EPA 3510

Analysis Description: 8270 Water MSSV

Associated Lab Samples: 257614045

METHOD BLANK: 69782

Matrix: Water

Associated Lab Samples: 257614045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	5.0	05/12/11 17:33	
2,4,6-Tribromophenol (S)	%	93	39-123	05/12/11 17:33	
2-Fluorobiphenyl (S)	%	81	34-109	05/12/11 17:33	
2-Fluorophenol (S)	%	54	11-105	05/12/11 17:33	
Nitrobenzene-d5 (S)	%	82	37-141	05/12/11 17:33	
Phenol-d6 (S)	%	33	10-105	05/12/11 17:33	
Terphenyl-d14 (S)	%	106	45-130	05/12/11 17:33	

LABORATORY CONTROL SAMPLE: 69783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	40	33.4	84	44-119	
2,4,6-Tribromophenol (S)	%			92	39-123	
2-Fluorobiphenyl (S)	%			78	34-109	
2-Fluorophenol (S)	%			49	11-105	
Nitrobenzene-d5 (S)	%			76	37-141	
Phenol-d6 (S)	%			31	10-105	
Terphenyl-d14 (S)	%			98	45-130	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 257614

QC Batch: PMST/1680 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 257614001, 257614002, 257614003, 257614004, 257614005, 257614006, 257614007

SAMPLE DUPLICATE: 70215

Parameter	Units	257603001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.7	12.7	9	30	

SAMPLE DUPLICATE: 70216

Parameter	Units	257614001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	47.0	46.5	1	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: PMST/1681

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 257614008, 257614010, 257614011, 257614012, 257614013, 257614014, 257614015, 257614017, 257614018, 257614019, 257614020, 257614021, 257614022, 257614023, 257614025, 257614026, 257614027, 257614028, 257614029

SAMPLE DUPLICATE: 70335

Parameter	Units	257614008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.6	14.4	1	30	

SAMPLE DUPLICATE: 70336

Parameter	Units	257614029 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	28.0	27.9	.4	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 257614

QC Batch: PMST/1682 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 257614030, 257614031, 257614032, 257614033, 257614034, 257614035, 257614036, 257614037, 257614038,
 257614039, 257614040, 257614041, 257614042, 257614043, 257614044

SAMPLE DUPLICATE: 70339

Parameter	Units	257614030 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.1	15.9	.8	30	

SAMPLE DUPLICATE: 70340

Parameter	Units	257660001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.7	14.4	2	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 257614

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSSV/1619

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/4538

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1n Sample weight exceeded method recommendations.

2n Serial dilution difference greater than 10%.

B Analyte was detected in the associated method blank.

B+

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

P3 Sample extract could not be concentrated to the routine final volume, resulting in elevated reporting limits.

P8 Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.

R1 RPD value was outside control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 257614

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257614001	SUP_SL_18 3-4	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614002	SUP_SL_18 4-5	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614003	SUP_SL_18 5-6	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614004	SUP_SL_18 6-8	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614005	SUP_SL_18 8-10	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614006	SUP_SL_18 10-12	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614007	SUP_SL_18 12-14	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614008	SUP_SL_18 14-16	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614010	SUP_SL_19 5-6	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614011	SUP_SL_19 6-8	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614012	SUP_SL_19 8-10	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614013	SUP_SL_19 10-12	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614014	SUP_SL_19 12-14	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614015	SUP_SL_19 14-16	EPA 3050	MPRP/2222	EPA 6010	ICP/2129
257614017	SUP_SL_24 5-6	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614018	SUP_SL_24 6-8	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614019	SUP_SL_24 8-10	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614020	SUP_SL_24 10-12	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614021	SUP_SL_24 12-14	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614022	SUP_SL_24 14-16	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614023	SUP_SL_24 Dup	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614025	SUP_SL_25 4-5	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614026	SUP_SL_25 5-6	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614027	SUP_SL_25 6-8	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614028	SUP_SL_25 8-10	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614029	SUP_SL_25 10-12	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614030	SUP_SL_25 12-14	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614031	SUP_SL_25 14-16	EPA 3050	MPRP/2223	EPA 6010	ICP/2130
257614045	SUP_GW_7	EPA 3010	MPRP/2229	EPA 6010	ICP/2137
257614045	SUP_GW_7	EPA 3010	MPRP/2226	EPA 6010	ICP/2132
257614045	SUP_GW_7	EPA 7470	MERP/1441	EPA 7470	MERC/1455
257614045	SUP_GW_7	EPA 7470	MERP/1439	EPA 7470	MERC/1453
257614001	SUP_SL_18 3-4	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614002	SUP_SL_18 4-5	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614003	SUP_SL_18 5-6	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614004	SUP_SL_18 6-8	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614005	SUP_SL_18 8-10	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614006	SUP_SL_18 10-12	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614007	SUP_SL_18 12-14	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614008	SUP_SL_18 14-16	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614010	SUP_SL_19 5-6	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614011	SUP_SL_19 6-8	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614012	SUP_SL_19 8-10	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614013	SUP_SL_19 10-12	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614014	SUP_SL_19 12-14	EPA 7471	MERP/1435	EPA 7471	MERC/1449
257614015	SUP_SL_19 14-16	EPA 7471	MERP/1435	EPA 7471	MERC/1449

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 257614

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257614017	SUP_SL_24 5-6	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614018	SUP_SL_24 6-8	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614019	SUP_SL_24 8-10	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614020	SUP_SL_24 10-12	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614021	SUP_SL_24 12-14	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614022	SUP_SL_24 14-16	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614023	SUP_SL_24 Dup	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614025	SUP_SL_25 4-5	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614026	SUP_SL_25 5-6	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614027	SUP_SL_25 6-8	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614028	SUP_SL_25 8-10	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614029	SUP_SL_25 10-12	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614030	SUP_SL_25 12-14	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614031	SUP_SL_25 14-16	EPA 7471	MERP/1436	EPA 7471	MERC/1450
257614001	SUP_SL_18 3-4	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257614002	SUP_SL_18 4-5	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257614003	SUP_SL_18 5-6	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614004	SUP_SL_18 6-8	EPA 3546	OEXT/3719	EPA 8270	MSSV/1631
257614005	SUP_SL_18 8-10	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614006	SUP_SL_18 10-12	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614007	SUP_SL_18 12-14	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614008	SUP_SL_18 14-16	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614010	SUP_SL_19 5-6	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614011	SUP_SL_19 6-8	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614012	SUP_SL_19 8-10	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614013	SUP_SL_19 10-12	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614014	SUP_SL_19 12-14	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614015	SUP_SL_19 14-16	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614017	SUP_SL_24 5-6	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614018	SUP_SL_24 6-8	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614019	SUP_SL_24 8-10	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614020	SUP_SL_24 10-12	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614021	SUP_SL_24 12-14	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614022	SUP_SL_24 14-16	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614023	SUP_SL_24 Dup	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614025	SUP_SL_25 4-5	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614026	SUP_SL_25 5-6	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614027	SUP_SL_25 6-8	EPA 3546	OEXT/3723	EPA 8270	MSSV/1632
257614028	SUP_SL_25 8-10	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614029	SUP_SL_25 10-12	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614030	SUP_SL_25 12-14	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614031	SUP_SL_25 14-16	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614032	SUP_SL_28 4-6	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614033	SUP_SL_28 6-8	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614034	SUP_SL_28 8-10	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614035	SUP_SL_28 10-12	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 257614

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257614036	SUP_SL_28 12-14	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614037	SUP_SL_28 14-16	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614038	SUP_SL_29 2-4	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614039	SUP_SL_29 4-6	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614040	SUP_SL_29 6-8	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614041	SUP_SL_29 8-10	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614042	SUP_SL_29 10-12	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614043	SUP_SL_29 12-14	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614044	SUP_SL_29 14-16	EPA 3546	OEXT/3733	EPA 8270	MSSV/1637
257614045	SUP_GW_7	EPA 3510	OEXT/3693	EPA 8270	MSSV/1619
257614045	SUP_GW_7	EPA 5030B/8260	MSV/4419		
257614046	Trip Blank - Water	EPA 5030B/8260	MSV/4419		
257614028	SUP_SL_25 8-10	EPA 5035A/5030B	MSV/4534	EPA 8260	MSV/4538
257614001	SUP_SL_18 3-4	EPA 8260	MSV/4504		
257614002	SUP_SL_18 4-5	EPA 8260	MSV/4504		
257614003	SUP_SL_18 5-6	EPA 8260	MSV/4514		
257614004	SUP_SL_18 6-8	EPA 8260	MSV/4529		
257614005	SUP_SL_18 8-10	EPA 8260	MSV/4514		
257614006	SUP_SL_18 10-12	EPA 8260	MSV/4514		
257614007	SUP_SL_18 12-14	EPA 8260	MSV/4529		
257614008	SUP_SL_18 14-16	EPA 8260	MSV/4514		
257614009	Trip Blank 1	EPA 8260	MSV/4514		
257614010	SUP_SL_19 5-6	EPA 8260	MSV/4514		
257614011	SUP_SL_19 6-8	EPA 8260	MSV/4514		
257614012	SUP_SL_19 8-10	EPA 8260	MSV/4529		
257614013	SUP_SL_19 10-12	EPA 8260	MSV/4514		
257614014	SUP_SL_19 12-14	EPA 8260	MSV/4514		
257614015	SUP_SL_19 14-16	EPA 8260	MSV/4529		
257614016	Trip Blank 2	EPA 8260	MSV/4529		
257614017	SUP_SL_24 5-6	EPA 8260	MSV/4529		
257614018	SUP_SL_24 6-8	EPA 8260	MSV/4514		
257614019	SUP_SL_24 8-10	EPA 8260	MSV/4514		
257614020	SUP_SL_24 10-12	EPA 8260	MSV/4514		
257614021	SUP_SL_24 12-14	EPA 8260	MSV/4514		
257614022	SUP_SL_24 14-16	EPA 8260	MSV/4529		
257614023	SUP_SL_24 Dup	EPA 8260	MSV/4529		
257614024	Trip Blank 3	EPA 8260	MSV/4514		
257614025	SUP_SL_25 4-5	EPA 8260	MSV/4529		
257614026	SUP_SL_25 5-6	EPA 8260	MSV/4529		
257614027	SUP_SL_25 6-8	EPA 8260	MSV/4514		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 257614

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257614028	SUP_SL_25 8-10	EPA 8260	MSV/4529		
257614029	SUP_SL_25 10-12	EPA 8260	MSV/4529		
257614030	SUP_SL_25 12-14	EPA 8260	MSV/4529		
257614031	SUP_SL_25 14-16	EPA 8260	MSV/4529		
257614001	SUP_SL_18 3-4	ASTM D2974-87	PMST/1680		
257614002	SUP_SL_18 4-5	ASTM D2974-87	PMST/1680		
257614003	SUP_SL_18 5-6	ASTM D2974-87	PMST/1680		
257614004	SUP_SL_18 6-8	ASTM D2974-87	PMST/1680		
257614005	SUP_SL_18 8-10	ASTM D2974-87	PMST/1680		
257614006	SUP_SL_18 10-12	ASTM D2974-87	PMST/1680		
257614007	SUP_SL_18 12-14	ASTM D2974-87	PMST/1680		
257614008	SUP_SL_18 14-16	ASTM D2974-87	PMST/1681		
257614010	SUP_SL_19 5-6	ASTM D2974-87	PMST/1681		
257614011	SUP_SL_19 6-8	ASTM D2974-87	PMST/1681		
257614012	SUP_SL_19 8-10	ASTM D2974-87	PMST/1681		
257614013	SUP_SL_19 10-12	ASTM D2974-87	PMST/1681		
257614014	SUP_SL_19 12-14	ASTM D2974-87	PMST/1681		
257614015	SUP_SL_19 14-16	ASTM D2974-87	PMST/1681		
257614017	SUP_SL_24 5-6	ASTM D2974-87	PMST/1681		
257614018	SUP_SL_24 6-8	ASTM D2974-87	PMST/1681		
257614019	SUP_SL_24 8-10	ASTM D2974-87	PMST/1681		
257614020	SUP_SL_24 10-12	ASTM D2974-87	PMST/1681		
257614021	SUP_SL_24 12-14	ASTM D2974-87	PMST/1681		
257614022	SUP_SL_24 14-16	ASTM D2974-87	PMST/1681		
257614023	SUP_SL_24 Dup	ASTM D2974-87	PMST/1681		
257614025	SUP_SL_25 4-5	ASTM D2974-87	PMST/1681		
257614026	SUP_SL_25 5-6	ASTM D2974-87	PMST/1681		
257614027	SUP_SL_25 6-8	ASTM D2974-87	PMST/1681		
257614028	SUP_SL_25 8-10	ASTM D2974-87	PMST/1681		
257614029	SUP_SL_25 10-12	ASTM D2974-87	PMST/1681		
257614030	SUP_SL_25 12-14	ASTM D2974-87	PMST/1682		
257614031	SUP_SL_25 14-16	ASTM D2974-87	PMST/1682		
257614032	SUP_SL_28 4-6	ASTM D2974-87	PMST/1682		
257614033	SUP_SL_28 6-8	ASTM D2974-87	PMST/1682		
257614034	SUP_SL_28 8-10	ASTM D2974-87	PMST/1682		
257614035	SUP_SL_28 10-12	ASTM D2974-87	PMST/1682		
257614036	SUP_SL_28 12-14	ASTM D2974-87	PMST/1682		
257614037	SUP_SL_28 14-16	ASTM D2974-87	PMST/1682		
257614038	SUP_SL_29 2-4	ASTM D2974-87	PMST/1682		
257614039	SUP_SL_29 4-6	ASTM D2974-87	PMST/1682		
257614040	SUP_SL_29 6-8	ASTM D2974-87	PMST/1682		
257614041	SUP_SL_29 8-10	ASTM D2974-87	PMST/1682		
257614042	SUP_SL_29 10-12	ASTM D2974-87	PMST/1682		
257614043	SUP_SL_29 12-14	ASTM D2974-87	PMST/1682		
257614044	SUP_SL_29 14-16	ASTM D2974-87	PMST/1682		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258288
Sample Date(s): June 27, 2011

This review summarizes the data quality of analytical results generated in support of the June 27, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258288.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258288



Delivery Group Summary

One groundwater sample and one groundwater trip blank were collected by Pacific Environmental Redevelopment Corporation on June 27, 2011. Samples were hand delivered to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), total and dissolved metals (mercury), diesel range organics, gasoline range organics, semivolatile organics (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 7470, NWTPH-Dx, NWTPH-Gx, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 are of acceptable quality. None of the results were qualified.
- Total mercury results by method 7470 have 100% of the results qualified. Dissolved mercury results by method 7470 are of acceptable quality. None of the results were qualified.
- Pentachlorophenol results by method 8270 are of acceptable quality. None of the results were qualified.
- VOC results by method 8260 have 9% of the results qualified.
- Diesel range organic results by method NWTPH-Dx are of acceptable quality. None of the results were qualified.
- Gasoline range organic results by method NWTPH-Gx have 100% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 0 Samples	Groundwater= 1 Sample	Trip Blank (Soil)= 0 Samples	Trip Blank (Groundwater)= 1 Sample
	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury 8270 Pentachlorophenol Only NWTPH-Gx NWTPH-Dx 8260 VOCs		8260 VOCs NWTPH-Gx



Representativeness

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.

Action: No action was taken based on the evaluation of holding times.

Accuracy

Surrogates:

All surrogate recoveries were within the control limits.

Action: No action was taken based on the evaluation of surrogate recoveries.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via one cooler with the trip blank.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
258288002	Trip Blank	SUP_MW_3	258288001	Benzene	0.067 J	ug/L
				Methylene chloride	1.8 J	ug/L
				Naphthalene	0.090 J	ug/L
				Toluene	0.068 J	ug/L
				Xylene (Total)	0.80 J	ug/L
				m&p-Xylene	0.78 J	ug/L
				n-Propylbenzene	0.038 J	ug/L
77065	Method Blank	SUP_MW_3	258288001	Mercury	0.000017 J	mg/L
77069	Method Blank	SUP_MW_3	258288001	Mercury, Dissolved	0.000029 J	mg/L
76054	Method Blank	SUP_MW_3	258288001	1,2,3-Trichlorobenzene	0.46 J	ug/L
				1,3,5-Trimethylbenzene	0.071 J	ug/L
				Benzene	0.094 J	ug/L
				Ethylbenzene	0.091 J	ug/L
				Hexachloro-1,3-butadiene	0.30 J	ug/L
				m&p-Xylene	0.86 J	ug/L
				Methylene chloride	2.6 J	ug/L
				n-Butylbenzene	0.11 J	ug/L
				n-Propylbenzene	0.086 J	ug/L
				Naphthalene	0.47 J	ug/L
				p-Isopropyltoluene	0.073 J	ug/L
				sec-Butylbenzene	0.069 J	ug/L
				Toluene	0.055 J	ug/L
Xylene (Total)	0.90 J	ug/L				

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone



- c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
 5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
 6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Toluene		
SUP_MW_3	258288001	258288002	Trip Blank. Qualified based on criteria 4.
Analyte:	Mercury (Total)		
SUP_MW_3	258288001	76054	Method Blank. Qualified based on criteria 6.
Analyte:	Benzene		
SUP_MW_3	258288001	76054	Method Blank. Qualified based on criteria 4.
Analyte:	m&p-Xylene		
SUP_MW_3	258288001	76054	Method Blank. Qualified based on criteria 4.
Analyte:	Methylene chloride		
SUP_MW_3	258288001	76054	Method Blank. Qualified based on criteria 4.
Analyte:	Naphthalene		
SUP_MW_3	258288001	76054	Method Blank. Qualified based on criteria 4.
Analyte:	Xylene (Total)		
SUP_MW_3	258288001	76054	Method Blank. Qualified based on criteria 4.

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for method NWTPH-Dx and NWTPH-Gx. Methods NWTPH-Dx and NWTPH-Gx did not have a MS/MSD prepared and analyzed. All other methods (6010, 7470, 8270, and 8260) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD. No action was taken based on the evaluation of MS/MSDs.



Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_3	258288001	76375	Arsenic	140/120	75-125	2	20	High	Results were not qualified based on criteria 2a.
SUP_MW_3	258288001	76109	1,1,2,2-Tetrachloroethane	128/133	69-123	4	30	High	Results were not qualified based on criteria 1a.
			1,1,2-Trichloroethane	119/125	76-114	5	30	High	Results were not qualified based on criteria 1a.
			1,2-Dibromoethane (EDB)	120/125	78-117	4	30	High	Results were not qualified based on criteria 1a.
			1,3-Dichloropropane	119/124	74-119	3	30	High	Results were not qualified based on criteria 1a.
			Carbon disulfide	144/140	39-122	2	30	High	Results were not qualified based on criteria 1a.
			Dibromomethane	123/126	75-124	2	30	High	Results were not qualified based on criteria 1a.
			Styrene	118/122	76-121	3	30	High	Results were not qualified based on criteria 1a.
			cis-1,2-Dichloroethene	121/121	70-120	0.08	30	High	Results were not qualified based on criteria 1a.
			Trichloroethene	113/111	80-112	1	30	High	Results were not qualified



									based on criteria 1a.
			Tetrachloroethene	113/116	80-112	2	30	High	Results were not qualified based on criteria 1a.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one with each extraction batch for method NWTPH-Dx and NWTPH-Gx, one per 20 samples for method 6010 and 8260, and one per 10 samples for method 8270. LCS/LCSDs were not required for method 7470.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_3	258288001	76119	Motor Oil Range SG	99	61-98			High	Based on the criteria above, results were not qualified.
SUP_MW_3	258288001	76047	Gasoline Range	119	61-98			High	Qualified based on criteria 1c.



			Organics						
--	--	--	----------	--	--	--	--	--	--

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 6010, 8260, 7470, NWTPH-Dx and NWTPH-Gx, and one every 10 samples for method 8270. No duplicates were collected.

Action: No action was taken based on the evaluation of field duplicates.

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

Pentachlorophenol was requested on the chain-of-custody for sample SUP_MW_3 (258288001) by method 8260, however the correct method (8270) was run by the lab. The lab noted that they received three vials for the trip blank not the six as indicated on the chain-of-custody. The lab had sufficient volume to conduct the requested analysis. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were used. The temperature of the delivery cooler was recorded at 10.3 °C and exceeded the required temperature range. Since the samples were delivered on ice the same day of collection no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Eight (8) sample results were qualified (see Attachment 1).
- One nondetected sample result was qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits.
- One detected sample result was qualified (B) and six detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.





Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258288

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_MW_3	258288001	EPA 5030B/8260	Water	Benzene	0.058 J	ug/L	0.020	UB	Method Blank Contamination
SUP_MW_3	258288001	EPA 5030B/8260	Water	Methylene chloride	0.71 J	ug/L	0.090	UB	Method Blank Contamination
SUP_MW_3	258288001	EPA 5030B/8260	Water	Naphthalene	0.17 J	ug/L	0.060	UB	Method Blank Contamination
SUP_MW_3	258288001	EPA 5030B/8260	Water	Toluene	0.11 J	ug/L	0.0010	UB	Trip Blank Contamination
SUP_MW_3	258288001	EPA 5030B/8260	Water	Xylene (Total)	0.77 J	ug/L	0.080	UB	Method Blank Contamination
SUP_MW_3	258288001	EPA 5030B/8260	Water	m&p-Xylene	0.75 J	ug/L	0.010	UB	Method Blank Contamination
SUP_MW_3	258288001	EPA 7470	Water	Mercury	0.077 J	ug/L	0.011	B	Method Blank Contamination
SUP_MW_3	258288001	NWTPH-Gx	Water	Gasoline Range Organics	<6.9	ug/L	6.9	UJ	LCS/LCSD Recoveries Exceed Control Limits

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258288

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on June 27, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258288

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon
Pace Project No.: 258288

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258288001	SUP_MW_3	Water	06/27/11 15:30	06/27/11 17:00
258288002	Trip Blank	Water	06/27/11 00:00	06/27/11 17:00

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon

Pace Project No.: 258288

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258288001	SUP_MW_3	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	LNH	71	PASI-S
		NWTPH-Gx	LNH	2	PASI-S
258288002	Trip Blank	EPA 5030B/8260	LNH	71	PASI-S
		NWTPH-Gx	LNH	2	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258288

Sample: SUP_MW_3		Lab ID: 258288001	Collected: 06/27/11 15:30	Received: 06/27/11 17:00	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	ND mg/L		0.078	0.039	1	06/29/11 11:45	06/30/11 08:16		
Motor Oil Range SG	ND mg/L		0.39	0.19	1	06/29/11 11:45	06/30/11 08:16	64742-65-0	
Surrogates									
n-Octacosane (S) SG	96 %		50-150		1	06/29/11 11:45	06/30/11 08:16	630-02-4	
o-Terphenyl (S) SG	94 %		50-150		1	06/29/11 11:45	06/30/11 08:16	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.8 mg/L		0.010	0.0022	1	07/01/11 08:15	07/01/11 14:40	7440-38-2	
Cadmium	0.040 mg/L		0.0050	0.00042	1	07/01/11 08:15	07/01/11 14:40	7440-43-9	
Lead	0.25 mg/L		0.010	0.0019	1	07/01/11 08:15	07/01/11 14:40	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	4.0 mg/L		0.020	0.0022	1	07/01/11 08:15	07/05/11 12:06	7440-38-2	
Cadmium, Dissolved	0.035 mg/L		0.0050	0.00042	1	07/01/11 08:15	07/05/11 12:06	7440-43-9	
Lead, Dissolved	0.0052J mg/L		0.010	0.0019	1	07/01/11 08:15	07/05/11 12:06	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.000077J mg/L		0.00020	0.000011	1	07/08/11 10:11	07/11/11 11:45	7439-97-6	
7470 Mercury, Dissolved (LF)		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND mg/L		0.00020	0.000011	1	07/08/11 10:11	07/11/11 12:14	7439-97-6	
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND ug/L		5.0	0.46	1	06/30/11 10:40	06/30/11 19:00	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	79 %		37-141		1	06/30/11 10:40	06/30/11 19:00	4165-60-0	
2-Fluorobiphenyl (S)	67 %		34-109		1	06/30/11 10:40	06/30/11 19:00	321-60-8	
Terphenyl-d14 (S)	88 %		45-130		1	06/30/11 10:40	06/30/11 19:00	1718-51-0	
Phenol-d6 (S)	28 %		10-105		1	06/30/11 10:40	06/30/11 19:00	13127-88-3	
2-Fluorophenol (S)	46 %		11-105		1	06/30/11 10:40	06/30/11 19:00	367-12-4	
2,4,6-Tribromophenol (S)	94 %		39-123		1	06/30/11 10:40	06/30/11 19:00	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.13	1		06/29/11 18:51	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.090	1		06/29/11 18:51	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.040	1		06/29/11 18:51	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.090	1		06/29/11 18:51	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.050	1		06/29/11 18:51	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.070	1		06/29/11 18:51	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.11	1		06/29/11 18:51	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.030	1		06/29/11 18:51	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.15	1		06/29/11 18:51	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.020	1		06/29/11 18:51	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.040	1		06/29/11 18:51	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.31	1		06/29/11 18:51	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258288

Sample: SUP_MW_3 Lab ID: 258288001 Collected: 06/27/11 15:30 Received: 06/27/11 17:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.090	1		06/29/11 18:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.030	1		06/29/11 18:51	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.040	1		06/29/11 18:51	107-06-2	
1,2-Dichloroethene (Total)	0.30J	ug/L	2.0	0.10	1		06/29/11 18:51	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.070	1		06/29/11 18:51	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.050	1		06/29/11 18:51	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.040	1		06/29/11 18:51	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.050	1		06/29/11 18:51	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.020	1		06/29/11 18:51	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		06/29/11 18:51	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	0.54	1		06/29/11 18:51	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.030	1		06/29/11 18:51	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.050	1		06/29/11 18:51	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.080	1		06/29/11 18:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.070	1		06/29/11 18:51	108-10-1	
Acetone	ND	ug/L	5.0	0.080	1		06/29/11 18:51	67-64-1	
Benzene	0.058J	ug/L	1.0	0.020	1		06/29/11 18:51	71-43-2	B
Bromobenzene	ND	ug/L	1.0	0.040	1		06/29/11 18:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.12	1		06/29/11 18:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.070	1		06/29/11 18:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.070	1		06/29/11 18:51	75-25-2	
Bromomethane	ND	ug/L	1.0	0.37	1		06/29/11 18:51	74-83-9	
Carbon disulfide	0.27J	ug/L	1.0	0.070	1		06/29/11 18:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.090	1		06/29/11 18:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.030	1		06/29/11 18:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.13	1		06/29/11 18:51	75-00-3	
Chloroform	0.27J	ug/L	1.0	0.050	1		06/29/11 18:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.060	1		06/29/11 18:51	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.030	1		06/29/11 18:51	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		06/29/11 18:51	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.070	1		06/29/11 18:51	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.070	1		06/29/11 18:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.11	1		06/29/11 18:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.050	1		06/29/11 18:51	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.050	1		06/29/11 18:51	1634-04-4	
Methylene chloride	0.71J	ug/L	4.0	0.090	1		06/29/11 18:51	75-09-2	B
Naphthalene	0.17J	ug/L	1.0	0.060	1		06/29/11 18:51	91-20-3	B
Styrene	ND	ug/L	1.0	0.060	1		06/29/11 18:51	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		06/29/11 18:51	127-18-4	
Toluene	0.11J	ug/L	1.0	0.0010	1		06/29/11 18:51	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.050	1		06/29/11 18:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.090	1		06/29/11 18:51	75-69-4	
Vinyl chloride	1.7	ug/L	0.20	0.070	1		06/29/11 18:51	75-01-4	
Xylene (Total)	0.77J	ug/L	3.0	0.080	1		06/29/11 18:51	1330-20-7	B
cis-1,2-Dichloroethene	0.30J	ug/L	1.0	0.040	1		06/29/11 18:51	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		06/29/11 18:51	10061-01-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258288

Sample: SUP_MW_3 Lab ID: 258288001 Collected: 06/27/11 15:30 Received: 06/27/11 17:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
m&p-Xylene	0.75J	ug/L	2.0	0.010	1		06/29/11 18:51	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.040	1		06/29/11 18:51	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.030	1		06/29/11 18:51	103-65-1	
o-Xylene	ND	ug/L	1.0	0.070	1		06/29/11 18:51	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.040	1		06/29/11 18:51	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.060	1		06/29/11 18:51	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.050	1		06/29/11 18:51	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.060	1		06/29/11 18:51	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		06/29/11 18:51	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99 %		80-120		1		06/29/11 18:51	460-00-4	
Dibromofluoromethane (S)	99 %		80-122		1		06/29/11 18:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	107 %		80-124		1		06/29/11 18:51	17060-07-0	
Toluene-d8 (S)	98 %		80-123		1		06/29/11 18:51	2037-26-5	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	6.9	1		06/29/11 18:51		
Surrogates									
4-Bromofluorobenzene (S)	99 %		50-150		1		06/29/11 18:51	460-00-4	

Sample: Trip Blank Lab ID: 258288002 Collected: 06/27/11 00:00 Received: 06/27/11 17:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.13	1		06/29/11 12:51	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.090	1		06/29/11 12:51	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.040	1		06/29/11 12:51	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.090	1		06/29/11 12:51	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.050	1		06/29/11 12:51	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.070	1		06/29/11 12:51	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.11	1		06/29/11 12:51	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.030	1		06/29/11 12:51	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.15	1		06/29/11 12:51	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.020	1		06/29/11 12:51	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.040	1		06/29/11 12:51	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.31	1		06/29/11 12:51	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.090	1		06/29/11 12:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.030	1		06/29/11 12:51	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.040	1		06/29/11 12:51	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.10	1		06/29/11 12:51	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.070	1		06/29/11 12:51	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.050	1		06/29/11 12:51	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.040	1		06/29/11 12:51	541-73-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258288

Sample: Trip Blank Lab ID: 258288002 Collected: 06/27/11 00:00 Received: 06/27/11 17:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
Analytical Method: EPA 5030B/8260									
1,3-Dichloropropane	ND	ug/L	1.0	0.050	1		06/29/11 12:51	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.020	1		06/29/11 12:51	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		06/29/11 12:51	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	0.54	1		06/29/11 12:51	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.030	1		06/29/11 12:51	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.050	1		06/29/11 12:51	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.080	1		06/29/11 12:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.070	1		06/29/11 12:51	108-10-1	
Acetone	ND	ug/L	5.0	0.080	1		06/29/11 12:51	67-64-1	
Benzene	0.067J	ug/L	1.0	0.020	1		06/29/11 12:51	71-43-2	B
Bromobenzene	ND	ug/L	1.0	0.040	1		06/29/11 12:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.12	1		06/29/11 12:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.070	1		06/29/11 12:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.070	1		06/29/11 12:51	75-25-2	
Bromomethane	ND	ug/L	1.0	0.37	1		06/29/11 12:51	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.070	1		06/29/11 12:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.090	1		06/29/11 12:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.030	1		06/29/11 12:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.13	1		06/29/11 12:51	75-00-3	
Chloroform	ND	ug/L	1.0	0.050	1		06/29/11 12:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.060	1		06/29/11 12:51	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.030	1		06/29/11 12:51	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		06/29/11 12:51	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.070	1		06/29/11 12:51	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.070	1		06/29/11 12:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.11	1		06/29/11 12:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.050	1		06/29/11 12:51	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.050	1		06/29/11 12:51	1634-04-4	
Methylene chloride	1.8J	ug/L	4.0	0.090	1		06/29/11 12:51	75-09-2	B
Naphthalene	0.090J	ug/L	1.0	0.060	1		06/29/11 12:51	91-20-3	B
Styrene	ND	ug/L	1.0	0.060	1		06/29/11 12:51	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		06/29/11 12:51	127-18-4	
Toluene	0.068J	ug/L	1.0	0.0010	1		06/29/11 12:51	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.050	1		06/29/11 12:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.090	1		06/29/11 12:51	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.070	1		06/29/11 12:51	75-01-4	
Xylene (Total)	0.80J	ug/L	3.0	0.080	1		06/29/11 12:51	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.040	1		06/29/11 12:51	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		06/29/11 12:51	10061-01-5	
m&p-Xylene	0.78J	ug/L	2.0	0.010	1		06/29/11 12:51	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.040	1		06/29/11 12:51	104-51-8	
n-Propylbenzene	0.038J	ug/L	1.0	0.030	1		06/29/11 12:51	103-65-1	B
o-Xylene	ND	ug/L	1.0	0.070	1		06/29/11 12:51	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.040	1		06/29/11 12:51	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.060	1		06/29/11 12:51	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.050	1		06/29/11 12:51	98-06-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258288

Sample: Trip Blank		Lab ID: 258288002	Collected: 06/27/11 00:00	Received: 06/27/11 17:00	Matrix: Water				
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260							
trans-1,2-Dichloroethene	ND ug/L		1.0	0.060	1		06/29/11 12:51	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.050	1		06/29/11 12:51	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98 %		80-120		1		06/29/11 12:51	460-00-4	
Dibromofluoromethane (S)	97 %		80-122		1		06/29/11 12:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		80-124		1		06/29/11 12:51	17060-07-0	
Toluene-d8 (S)	98 %		80-123		1		06/29/11 12:51	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx							
Gasoline Range Organics	ND ug/L		50.0	6.9	1		06/29/11 12:51		
Surrogates									
4-Bromofluorobenzene (S)	98 %		50-150		1		06/29/11 12:51	460-00-4	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258288

QC Batch: MERP/1469 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 258288001

METHOD BLANK: 77065 Matrix: Water
Associated Lab Samples: 258288001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	0.000017J	0.00020	07/11/11 11:41	

LABORATORY CONTROL SAMPLE: 77066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77067 77068

Parameter	Units	258288001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.000077J	.005	.005	0.0043	0.0044	85	86	75-125	.7	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258288

QC Batch: MERP/1470 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
Associated Lab Samples: 258288001

METHOD BLANK: 77069 Matrix: Water
Associated Lab Samples: 258288001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	0.000029J	0.00020	07/11/11 12:10	

LABORATORY CONTROL SAMPLE: 77070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0050	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77071 77072

Parameter	Units	258288001		77072		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Mercury, Dissolved	mg/L	ND	.005	0.0043	.005	86	85	85-115	.4	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258288

QC Batch: MPRP/2306 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET
 Associated Lab Samples: 258288001

METHOD BLANK: 76373 Matrix: Water

Associated Lab Samples: 258288001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	07/01/11 14:18	
Cadmium	mg/L	ND	0.0050	07/01/11 14:18	
Lead	mg/L	ND	0.010	07/01/11 14:18	

LABORATORY CONTROL SAMPLE: 76374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.52	104	80-120	
Cadmium	mg/L	.5	0.53	105	80-120	
Lead	mg/L	.5	0.54	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76375 76376

Parameter	Units	258288001		76376		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Arsenic	mg/L	5.8	.5	.5	6.5	140	120	75-125	2	20	M1
Cadmium	mg/L	0.040	.5	.5	0.59	110	110	75-125	.07	20	
Lead	mg/L	0.25	.5	.5	0.77	105	104	75-125	.4	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258288

QC Batch: MPRP/2307 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 258288001

METHOD BLANK: 76377 Matrix: Water
Associated Lab Samples: 258288001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.020	07/05/11 11:59	
Cadmium, Dissolved	mg/L	ND	0.0050	07/05/11 11:59	
Lead, Dissolved	mg/L	ND	0.010	07/05/11 11:59	

LABORATORY CONTROL SAMPLE: 76378

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.49	99	80-120	
Cadmium, Dissolved	mg/L	.5	0.50	99	80-120	
Lead, Dissolved	mg/L	.5	0.51	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76379 76380

Parameter	Units	258288001 Result	MS Spike Conc.	MSD Spike Conc.	76379		76380		% Rec Limits	Max RPD	Qual
					MS Result	MSD Result	MS % Rec	MSD % Rec			
Arsenic, Dissolved	mg/L	4.0	.5	.5	4.6	4.6	124	125	75-125	.1	20
Cadmium, Dissolved	mg/L	0.035	.5	.5	0.55	0.56	104	105	75-125	1	20
Lead, Dissolved	mg/L	0.0052J	.5	.5	0.49	0.50	96	99	75-125	3	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258288

QC Batch: MSV/4799

Analysis Method: EPA 5030B/8260

QC Batch Method: EPA 5030B/8260

Analysis Description: 8260 MSV Water 10 mL Purge

Associated Lab Samples: 258288001, 258288002

METHOD BLANK: 76054

Matrix: Water

Associated Lab Samples: 258288001, 258288002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/29/11 11:06	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/29/11 11:06	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/29/11 11:06	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/29/11 11:06	
1,1-Dichloroethane	ug/L	ND	1.0	06/29/11 11:06	
1,1-Dichloroethene	ug/L	ND	1.0	06/29/11 11:06	
1,1-Dichloropropene	ug/L	ND	1.0	06/29/11 11:06	
1,2,3-Trichlorobenzene	ug/L	0.46J	1.0	06/29/11 11:06	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/29/11 11:06	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/29/11 11:06	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/29/11 11:06	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	06/29/11 11:06	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/29/11 11:06	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/29/11 11:06	
1,2-Dichloroethane	ug/L	ND	1.0	06/29/11 11:06	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	06/29/11 11:06	
1,2-Dichloropropane	ug/L	ND	1.0	06/29/11 11:06	
1,3,5-Trimethylbenzene	ug/L	0.071J	1.0	06/29/11 11:06	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/29/11 11:06	
1,3-Dichloropropane	ug/L	ND	1.0	06/29/11 11:06	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/29/11 11:06	
2,2-Dichloropropane	ug/L	ND	1.0	06/29/11 11:06	
2-Butanone (MEK)	ug/L	ND	5.0	06/29/11 11:06	
2-Chlorotoluene	ug/L	ND	1.0	06/29/11 11:06	
2-Hexanone	ug/L	ND	5.0	06/29/11 11:06	
4-Chlorotoluene	ug/L	ND	1.0	06/29/11 11:06	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/29/11 11:06	
Acetone	ug/L	ND	5.0	06/29/11 11:06	
Benzene	ug/L	0.094J	1.0	06/29/11 11:06	
Bromobenzene	ug/L	ND	1.0	06/29/11 11:06	
Bromochloromethane	ug/L	ND	1.0	06/29/11 11:06	
Bromodichloromethane	ug/L	ND	1.0	06/29/11 11:06	
Bromoform	ug/L	ND	1.0	06/29/11 11:06	
Bromomethane	ug/L	ND	1.0	06/29/11 11:06	
Carbon disulfide	ug/L	ND	1.0	06/29/11 11:06	
Carbon tetrachloride	ug/L	ND	1.0	06/29/11 11:06	
Chlorobenzene	ug/L	ND	1.0	06/29/11 11:06	
Chloroethane	ug/L	ND	1.0	06/29/11 11:06	
Chloroform	ug/L	ND	1.0	06/29/11 11:06	
Chloromethane	ug/L	ND	1.0	06/29/11 11:06	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/29/11 11:06	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/29/11 11:06	
Dibromochloromethane	ug/L	ND	1.0	06/29/11 11:06	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258288

METHOD BLANK: 76054 Matrix: Water

Associated Lab Samples: 258288001, 258288002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	06/29/11 11:06	
Dichlorodifluoromethane	ug/L	ND	1.0	06/29/11 11:06	
Ethylbenzene	ug/L	0.091J	1.0	06/29/11 11:06	
Hexachloro-1,3-butadiene	ug/L	0.30J	1.0	06/29/11 11:06	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/29/11 11:06	
m&p-Xylene	ug/L	0.86J	2.0	06/29/11 11:06	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/29/11 11:06	
Methylene chloride	ug/L	2.6J	4.0	06/29/11 11:06	
n-Butylbenzene	ug/L	0.11J	1.0	06/29/11 11:06	
n-Propylbenzene	ug/L	0.086J	1.0	06/29/11 11:06	
Naphthalene	ug/L	0.47J	1.0	06/29/11 11:06	
o-Xylene	ug/L	ND	1.0	06/29/11 11:06	
p-Isopropyltoluene	ug/L	0.073J	1.0	06/29/11 11:06	
sec-Butylbenzene	ug/L	0.069J	1.0	06/29/11 11:06	
Styrene	ug/L	ND	1.0	06/29/11 11:06	
tert-Butylbenzene	ug/L	ND	1.0	06/29/11 11:06	
Tetrachloroethene	ug/L	ND	1.0	06/29/11 11:06	
Toluene	ug/L	0.055J	1.0	06/29/11 11:06	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/29/11 11:06	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/29/11 11:06	
Trichloroethene	ug/L	ND	1.0	06/29/11 11:06	
Trichlorofluoromethane	ug/L	ND	1.0	06/29/11 11:06	
Vinyl chloride	ug/L	ND	0.20	06/29/11 11:06	
Xylene (Total)	ug/L	0.90J	3.0	06/29/11 11:06	
1,2-Dichloroethane-d4 (S)	%	101	80-124	06/29/11 11:06	
4-Bromofluorobenzene (S)	%	100	80-120	06/29/11 11:06	
Dibromofluoromethane (S)	%	97	80-122	06/29/11 11:06	
Toluene-d8 (S)	%	99	80-123	06/29/11 11:06	

LABORATORY CONTROL SAMPLE: 76055

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.2	106	68-131	
1,1,1-Trichloroethane	ug/L	20	18.6	93	74-137	
1,1,2,2-Tetrachloroethane	ug/L	20	24.5	123	72-126	
1,1,2-Trichloroethane	ug/L	20	22.4	112	76-120	
1,1-Dichloroethane	ug/L	20	20.0	100	76-131	
1,1-Dichloroethene	ug/L	20	19.6	98	68-150	
1,1-Dichloropropene	ug/L	20	19.2	96	74-138	
1,2,3-Trichlorobenzene	ug/L	20	19.9	100	60-136	
1,2,3-Trichloropropane	ug/L	20	22.1	110	62-135	
1,2,4-Trichlorobenzene	ug/L	20	17.5	87	62-136	
1,2,4-Trimethylbenzene	ug/L	20	19.0	95	66-132	
1,2-Dibromo-3-chloropropane	ug/L	20	18.1	90	60-123	
1,2-Dibromoethane (EDB)	ug/L	20	22.6	113	73-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258288

LABORATORY CONTROL SAMPLE: 76055

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	19.6	98	75-122	
1,2-Dichloroethane	ug/L	20	22.1	110	78-125	
1,2-Dichloroethene (Total)	ug/L	40	40.8	102	77-136	
1,2-Dichloropropane	ug/L	20	21.7	108	76-121	
1,3,5-Trimethylbenzene	ug/L	20	18.4	92	69-130	
1,3-Dichlorobenzene	ug/L	20	19.2	96	75-122	
1,3-Dichloropropane	ug/L	20	22.4	112	77-120	
1,4-Dichlorobenzene	ug/L	20	18.9	95	78-120	
2,2-Dichloropropane	ug/L	20	19.2	96	46-168	
2-Butanone (MEK)	ug/L	40	54.1	135	55-146	
2-Chlorotoluene	ug/L	20	18.1	91	67-129	
2-Hexanone	ug/L	40	51.2	128	58-136	
4-Chlorotoluene	ug/L	20	19.9	100	75-126	
4-Methyl-2-pentanone (MIBK)	ug/L	40	49.2	123	62-137	
Acetone	ug/L	40	56.5	141	30-180	
Benzene	ug/L	20	20.5	103	76-127	
Bromobenzene	ug/L	20	19.4	97	74-120	
Bromochloromethane	ug/L	20	21.1	106	73-132	
Bromodichloromethane	ug/L	20	21.2	106	74-126	
Bromoform	ug/L	20	18.6	93	64-129	
Bromomethane	ug/L	20	15.5	78	40-164	
Carbon disulfide	ug/L	20	22.5	112	32-158	
Carbon tetrachloride	ug/L	20	19.5	97	68-142	
Chlorobenzene	ug/L	20	19.8	99	78-121	
Chloroethane	ug/L	20	18.2	91	58-151	
Chloroform	ug/L	20	20.1	101	80-125	
Chloromethane	ug/L	20	17.6	88	50-152	
cis-1,2-Dichloroethene	ug/L	20	20.8	104	80-135	
cis-1,3-Dichloropropene	ug/L	20	21.8	109	65-134	
Dibromochloromethane	ug/L	20	18.2	91	71-126	
Dibromomethane	ug/L	20	22.7	113	78-126	
Dichlorodifluoromethane	ug/L	20	17.4	87	18-180	
Ethylbenzene	ug/L	20	19.5	98	72-125	
Hexachloro-1,3-butadiene	ug/L	20	18.6	93	60-138	
Isopropylbenzene (Cumene)	ug/L	20	20.1	100	69-135	
m&p-Xylene	ug/L	40	33.3	83	73-126	
Methyl-tert-butyl ether	ug/L	20	22.0	110	58-145	
Methylene chloride	ug/L	20	22.6	113	65-144	
n-Butylbenzene	ug/L	20	18.9	94	66-132	
n-Propylbenzene	ug/L	20	18.7	94	69-131	
Naphthalene	ug/L	20	20.6	103	51-142	
o-Xylene	ug/L	20	19.1	96	73-123	
p-Isopropyltoluene	ug/L	20	18.5	92	67-133	
sec-Butylbenzene	ug/L	20	18.7	93	65-136	
Styrene	ug/L	20	21.1	106	72-128	
tert-Butylbenzene	ug/L	20	18.5	92	61-133	
Tetrachloroethene	ug/L	20	19.0	95	40-164	
Toluene	ug/L	20	18.9	95	69-125	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258288

LABORATORY CONTROL SAMPLE: 76055

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	20.0	100	73-139	
trans-1,3-Dichloropropene	ug/L	20	19.6	98	56-122	
Trichloroethene	ug/L	20	18.8	94	74-127	
Trichlorofluoromethane	ug/L	20	17.8	89	64-154	
Vinyl chloride	ug/L	20	17.3	87	57-147	
Xylene (Total)	ug/L	60	52.4	87	74-124	
1,2-Dichloroethane-d4 (S)	%			100	80-124	
4-Bromofluorobenzene (S)	%			98	80-120	
Dibromofluoromethane (S)	%			101	80-122	
Toluene-d8 (S)	%			99	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76190 76191

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		258240008 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	23.7	24.2	119	121	73-126	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.0	22.6	115	113	69-135	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	25.5	26.6	128	133	69-123	4	30	M1
1,1,2-Trichloroethane	ug/L	ND	20	20	23.8	25.1	119	125	76-114	5	30	M1
1,1-Dichloroethane	ug/L	ND	20	20	23.2	23.1	116	115	74-124	.7	30	
1,1-Dichloroethene	ug/L	ND	20	20	23.7	23.9	118	120	69-139	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.4	23.1	117	115	77-134	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.4	24.3	107	121	63-136	12	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.5	23.5	112	118	66-118	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.9	21.1	100	106	68-129	6	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.5	22.0	108	110	72-126	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	20.9	96	105	64-124	9	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	24.0	24.9	120	125	78-117	4	30	M1
1,2-Dichlorobenzene	ug/L	ND	20	20	21.6	22.2	108	111	74-118	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	24.1	24.5	121	123	73-127	2	30	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	47.9	47.8	120	120	60-140	.1	30	
1,2-Dichloropropane	ug/L	ND	20	20	24.7	24.5	123	123	72-126	.7	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.0	21.3	105	106	68-129	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.4	21.9	107	110	73-119	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	23.9	24.7	119	124	74-119	3	30	M1
1,4-Dichlorobenzene	ug/L	ND	20	20	20.9	21.7	104	108	73-115	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	25.6	23.6	128	118	46-157	8	30	
2-Butanone (MEK)	ug/L	ND	40	40	52.2	51.7	131	129	65-138	.9	30	
2-Chlorotoluene	ug/L	ND	20	20	20.5	20.9	103	104	68-122	2	30	
2-Hexanone	ug/L	ND	40	40	50.4	53.0	126	133	60-135	5	30	
4-Chlorotoluene	ug/L	ND	20	20	22.5	22.8	113	114	70-122	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	50.0	51.8	125	130	70-135	3	30	
Acetone	ug/L	ND	40	40	44.0	46.6	110	116	58-146	6	30	
Benzene	ug/L	ND	20	20	23.7	23.7	119	119	75-124	.05	30	
Bromobenzene	ug/L	ND	20	20	21.3	21.6	106	108	74-116	2	30	
Bromochloromethane	ug/L	ND	20	20	23.3	23.7	117	118	75-128	1	30	
Bromodichloromethane	ug/L	ND	20	20	24.1	24.4	120	122	77-126	1	30	

Date: 04/18/2012 02:54 PM

REPORT OF LABORATORY ANALYSIS

Page 18 of 24

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258288

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		76190		76191									
Parameter	Units	258240008	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Bromoform	ug/L	ND	20	20	19.9	21.0	99	105	61-131	6	30		
Bromomethane	ug/L	ND	20	20	17.3	18.4	86	92	58-139	6	30		
Carbon disulfide	ug/L	ND	20	20	28.7	28.1	144	140	39-122	2	30	M1	
Carbon tetrachloride	ug/L	ND	20	20	23.7	23.8	119	119	67-136	.2	30		
Chlorobenzene	ug/L	ND	20	20	22.4	23.1	112	115	78-115	3	30		
Chloroethane	ug/L	ND	20	20	21.0	22.2	105	111	58-137	6	30		
Chloroform	ug/L	ND	20	20	23.3	23.2	117	116	75-124	.4	30		
Chloromethane	ug/L	ND	20	20	19.6	18.4	98	92	50-129	6	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.2	24.2	121	121	78-126	.08	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.6	24.6	123	123	78-159	.03	30		
Dibromochloromethane	ug/L	ND	20	20	20.1	21.1	100	106	81-125	5	30		
Dibromomethane	ug/L	ND	20	20	24.6	25.2	123	126	75-124	2	30	M1	
Dichlorodifluoromethane	ug/L	ND	20	20	20.8	20.0	104	100	30-140	4	30		
Ethylbenzene	ug/L	ND	20	20	22.4	22.9	112	114	76-124	2	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	21.9	22.8	108	113	55-132	4	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.2	24.0	116	120	73-127	3	30		
m&p-Xylene	ug/L	ND	40	40	38.2	39.4	94	97	75-124	3	30		
Methyl-tert-butyl ether	ug/L	ND	20	20	23.4	23.7	117	118	72-130	1	30		
Methylene chloride	ug/L	ND	20	20	22.1	22.4	109	110	69-124	1	30		
n-Butylbenzene	ug/L	ND	20	20	22.1	22.6	111	113	65-131	2	30		
n-Propylbenzene	ug/L	ND	20	20	21.7	22.0	108	110	69-129	1	30		
Naphthalene	ug/L	ND	20	20	21.0	24.2	104	119	69-135	14	30		
o-Xylene	ug/L	ND	20	20	21.7	22.1	108	110	76-121	2	30		
p-Isopropyltoluene	ug/L	ND	20	20	21.6	22.1	108	110	69-133	2	30		
sec-Butylbenzene	ug/L	ND	20	20	22.0	22.3	110	112	67-132	1	30		
Styrene	ug/L	ND	20	20	23.7	24.4	118	122	76-121	3	30	M1	
tert-Butylbenzene	ug/L	ND	20	20	21.4	21.8	107	109	66-132	2	30		
Tetrachloroethene	ug/L	ND	20	20	22.6	23.1	113	116	70-127	2	30		
Toluene	ug/L	ND	20	20	21.9	22.2	109	111	75-124	1	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.7	23.6	119	118	72-129	.3	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.2	22.6	106	113	69-122	6	30		
Trichloroethene	ug/L	ND	20	20	22.5	22.2	113	111	78-124	1	30		
Trichlorofluoromethane	ug/L	ND	20	20	21.6	20.5	108	103	60-147	5	30		
Vinyl chloride	ug/L	ND	20	20	20.3	20.0	101	100	56-136	2	30		
Xylene (Total)	ug/L	ND	60	60	59.9	61.5	98	101	76-123	3	30		
1,2-Dichloroethane-d4 (S)	%						100	101	80-124				
4-Bromofluorobenzene (S)	%						95	98	80-120				
Dibromofluoromethane (S)	%						102	101	80-122				
Toluene-d8 (S)	%						97	98	80-123				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258288

QC Batch: MSV/4801

Analysis Method: NWTPH-Gx

QC Batch Method: NWTPH-Gx

Analysis Description: NWTPH-Gx MSV Water

Associated Lab Samples: 258288001, 258288002

METHOD BLANK: 76118

Matrix: Water

Associated Lab Samples: 258288001, 258288002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	ND	50.0	06/29/11 11:06	
4-Bromofluorobenzene (S)	%	100	50-150	06/29/11 11:06	

LABORATORY CONTROL SAMPLE: 76119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	593	119	50-163	
4-Bromofluorobenzene (S)	%			98	50-150	

SAMPLE DUPLICATE: 76404

Parameter	Units	258325001 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	ug/L	ND	ND		30	
4-Bromofluorobenzene (S)	%	99	99			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258288

QC Batch: OEXT/3957

Analysis Method: EPA 8270

QC Batch Method: EPA 3510

Analysis Description: 8270 Water MSSV

Associated Lab Samples: 258288001

METHOD BLANK: 76160

Matrix: Water

Associated Lab Samples: 258288001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	5.0	06/30/11 18:15	
2,4,6-Tribromophenol (S)	%	84	39-123	06/30/11 18:15	
2-Fluorobiphenyl (S)	%	62	34-109	06/30/11 18:15	
2-Fluorophenol (S)	%	35	11-105	06/30/11 18:15	
Nitrobenzene-d5 (S)	%	76	37-141	06/30/11 18:15	
Phenol-d6 (S)	%	20	10-105	06/30/11 18:15	
Terphenyl-d14 (S)	%	83	45-130	06/30/11 18:15	

LABORATORY CONTROL SAMPLE: 76161

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	40	32.3	81	44-119	
2,4,6-Tribromophenol (S)	%			96	39-123	
2-Fluorobiphenyl (S)	%			68	34-109	
2-Fluorophenol (S)	%			51	11-105	
Nitrobenzene-d5 (S)	%			82	37-141	
Phenol-d6 (S)	%			32	10-105	
Terphenyl-d14 (S)	%			86	45-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76162

76163

Parameter	Units	258288001		76163		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		258288001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result					
Pentachlorophenol	ug/L	ND	40	40	37.0	40.0	92	100	44-119	8 24
2,4,6-Tribromophenol (S)	%						100	97	39-123	
2-Fluorobiphenyl (S)	%						75	72	34-109	
2-Fluorophenol (S)	%						47	44	11-105	
Nitrobenzene-d5 (S)	%						78	76	37-141	
Phenol-d6 (S)	%						30	28	10-105	
Terphenyl-d14 (S)	%						84	80	45-130	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258288

QC Batch: OEXT/3953

Analysis Method: NWTPH-Dx

QC Batch Method: EPA 3510

Analysis Description: NWTPH-Dx GCS SG

Associated Lab Samples: 258288001

METHOD BLANK: 76046

Matrix: Water

Associated Lab Samples: 258288001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	ND	0.080	06/30/11 03:27	
Motor Oil Range SG	mg/L	ND	0.40	06/30/11 03:27	
n-Octacosane (S) SG	%	98	50-150	06/30/11 03:27	
o-Terphenyl (S) SG	%	93	50-150	06/30/11 03:27	

LABORATORY CONTROL SAMPLE: 76047

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/L	5	4.3	87	51-147	
Motor Oil Range SG	mg/L	5	5.0	99	20-160	
n-Octacosane (S) SG	%			103	50-150	
o-Terphenyl (S) SG	%			96	50-150	

SAMPLE DUPLICATE: 76048

Parameter	Units	258233002 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/L	ND	ND		50	
Motor Oil Range SG	mg/L	ND	ND		50	
n-Octacosane (S) SG	%	96	103	7		
o-Terphenyl (S) SG	%	94	99	6		

SAMPLE DUPLICATE: 76049

Parameter	Units	258253006 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/L	90.8 ug/L	0.085	6	50	
Motor Oil Range SG	mg/L	ND	ND		50	
n-Octacosane (S) SG	%	97	100	3		
o-Terphenyl (S) SG	%	94	97	3		

QUALIFIERS

Project: Superlon

Pace Project No.: 258288

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 258288

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258288001	SUP_MW_3	EPA 3510	OEXT/3953	NWTPH-Dx	GCSV/2660
258288001	SUP_MW_3	EPA 3010	MPRP/2306	EPA 6010	ICP/2208
258288001	SUP_MW_3	EPA 3010	MPRP/2307	EPA 6010	ICP/2209
258288001	SUP_MW_3	EPA 7470	MERP/1469	EPA 7470	MERC/1483
258288001	SUP_MW_3	EPA 7470	MERP/1470	EPA 7470	MERC/1484
258288001	SUP_MW_3	EPA 3510	OEXT/3957	EPA 8270	MSSV/1678
258288001	SUP_MW_3	EPA 5030B/8260	MSV/4799		
258288002	Trip Blank	EPA 5030B/8260	MSV/4799		
258288001	SUP_MW_3	NWTPH-Gx	MSV/4801		
258288002	Trip Blank	NWTPH-Gx	MSV/4801		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258336
Sample Date(s): June 30, 2011

This review summarizes the data quality of analytical results generated in support of the June 30, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258336.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258336



Delivery Group Summary

Four groundwater samples and one groundwater trip blank were collected by Pacific Environmental Redevelopment Corporation on June 30, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), total and dissolved metals (mercury), diesel range organics, gasoline range organics, semivolatile organics compounds (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 7470, NWTPH-Dx, NWTPH-Gx, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 are of acceptable quality. None of the results were qualified.
- Total and dissolved mercury results by method 7470 have 62.5% of the results qualified.
- Pentachlorophenol results by method 8270 are of acceptable quality. None of the results were qualified.
- VOC results by method 8260 have 6.7% of the results qualified.
- Diesel range organic results by method NWTPH-Dx have 100% of the results qualified.
- Gasoline range organic results by method NWTPH-Gx have 100% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 0 Samples	Groundwater= 4 Samples	Trip Blank (Soil)= 0 Samples	Trip Blank (Groundwater)= 1 Sample
	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury 8270 Pentachlorophenol Only 8260 VOCs NWTPH-Dx NWTPH-Gx		NWTPH-Gx 8260 VOCs



Representativeness

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.

Action: No action was taken based on the evaluation of holding times.

Accuracy

Surrogates:

All surrogate recoveries were within the control limits.

Action: No action was taken based on the evaluation of surrogate recoveries.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency.

Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via one cooler with the trip blank.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit								
258336005	Trip Blank	SUP_MW_1 SUP_MW_2 SUP_MW_4 SUP_MW_5	258336001 258336002 258336003 258336004	1,2,3-Trichlorobenzene	0.062 J	ug/L								
				1,4-Dichlorobenzene	0.024 J	ug/L								
				Methylene chloride	1.7 J	ug/L								
				Toluene	0.060 J	ug/L								
				Xylene (Total)	0.73 J	ug/L								
				m&p-Xylene	0.73 J	ug/L								
77065	Method Blank	SUP_MW_1 SUP_MW_2 SUP_MW_4 SUP_MW_5	258336001 258336002 258336003 258336004	Mercury	0.000017 J	mg/L								
				77073	Method Blank	SUP_MW_1 SUP_MW_2 SUP_MW_4 SUP_MW_5	258336001 258336002 258336003 258336004	Mercury, Dissolved	0.000023 J	mg/L				
								76698	Method Blank	SUP_MW_1 SUP_MW_2 SUP_MW_4 SUP_MW_5	258336001 258336002 258336003 258336004	1,2,3-Trichlorobenzene	0.50 J	ug/L
												1,2-Dichlorobenzene	0.054 J	ug/L
1,3-Dichlorobenzene	0.048 J	ug/L												
1,4-Dichlorobenzene	0.067 J	ug/L												
Hexachloro-1,3-butadiene	0.31 J	ug/L												
m&p-Xylene	0.75 J	ug/L												
Methylene chloride	0.49 J	ug/L												
n-Butylbenzene	0.089 J	ug/L												
n-Propylbenzene	0.047 J	ug/L												
Naphthalene	0.34 J	ug/L												
p-Isopropyltoluene	0.068 J	ug/L												
Toluene	0.021 J	ug/L												
Xylene (Total)	0.75 J	ug/L												
77522	Method Blank	SUP_MW_1 SUP_MW_2 SUP_MW_4 SUP_MW_5	258336001 258336002 258336003 258336004	Gasoline Range Organics	7.1 J	ug/L								



Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Toluene		
SUP_MW_1	258336001	258336005	Trip Blank. Qualified based on criteria 4 and 6.
SUP_MW_2	258336002		
SUP_MW_5	258336004		
Analyte:	Mercury		
SUP_MW_1	258336001	77065	Method Blank. Qualified based on criteria 4.
SUP_MW_2	258336002		
SUP_MW_5	258336004		
Analyte:	Mercury, Dissolved		
SUP_MW_2	258336002	77073	Method Blank. Qualified based on criteria 4.
SUP_MW_5	258336004		
Analyte:	m&p-Xylene		
SUP_MW_1	258336001	76698	Method Blank. Qualified based on criteria 4.
SUP_MW_2	258336002		
SUP_MW_5	258336004		
Analyte:	Methylene chloride		
SUP_MW_1	258336001	76698	Method Blank. Qualified based on criteria 4.
SUP_MW_2	258336002		
SUP_MW_4	258336003		
SUP_MW_5	258336004		
Analyte:	n-Butylbenzene		
SUP_MW_1	258336001	76698	Method Blank. Qualified based on criteria 4.
Analyte:	n-Propylbenzene		
SUP_MW_1	258336001	76698	Method Blank. Qualified based on criteria 4.
Analyte:	Naphthalene		
SUP_MW_1	258336001	76698	Method Blank. Qualified based on criteria 4.



Analyte:	p-Isopropyltoluene			
SUP_MW_1	258336001	76698	Method Blank. Qualified based on criteria 4 and 6.	
SUP_MW_2	258336002			
Analyte:	Xylene (Total)			
SUP_MW_1	258336001	76698	Method Blank. Qualified based on criteria 4.	
SUP_MW_2	258336002			
SUP_MW_5	258336004			
Analyte:	Gasoline Range Organics			
SUP_MW_1	258336001	77522	Method Blank. Qualified based on criteria 4 and 6.	
SUP_MW_2	258336002			
SUP_MW_4	258336003			
SUP_MW_5	258336004			

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for NWTTPH-Dx and NWTTPH-Gx, and one per 10 samples for method 8270. Methods NWTTPH-Dx, NWTTPH-Gx, and 8270 did not have a MS/MSD prepared and analyzed. All other methods (6010, 8260, and 7470) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD. No action was taken based on the evaluation of MS/MSDs.

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_1	258336001	76759	Bromomethane	56/60	58-139	7	30	Low	Results were not qualified based on criteria 1a.
SUP_MW_2	258336002								
SUP_MW_4	258336003		Vinyl chloride	72/72	80-112	0.9	30	Low	Results were not qualified based on criteria 1a.
SUP_MW_5	258336004								



Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency one with each extraction batch for method NWTPH-Dx and NWTPH-Gx, one per 20 samples for method 6010 and 8260, and one per 10 samples per method 8270. LCS/LCSDs were not required for method 7470.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics
 - a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
 - b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
 - c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).
2. Inorganics
 - a. Aqueous LCS:
 - i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
 - ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
 - iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
 - iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
 - v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
 - vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
 - vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).
 - b. Solid LCS:
 - i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
 - ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
 - iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
 - iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_1 SUP_MW_2 SUP_MW_4 SUP_MW_5	258336001 258336002 258336003 258336004	76802	Diesel Range SG	104	61-98			High	Qualified based on criteria 1c.
			Motor Oil Range SG	108	61-98			High	Qualified based on criteria 1c.
SUP_MW_1 SUP_MW_2 SUP_MW_4 SUP_MW_5	258336001 258336002 258336003 258336004	76699	2-Butanone (MEK)	148	55-146			High	Based on the criteria above, results were not qualified.
			Acetone	185	30-180			High	Based on the criteria



									above, results were not qualified.
			Vinyl chloride	70	80-112			Low	Based on the criteria above, results were not qualified.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one per 20 samples for methods 6010, 8260, 7470, NWTPH-Dx, NWTPH-Gx and one every 10 for method 8270. No duplicates were collected.

Action: No action was taken based on the evaluation of field duplicates.

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

Pentachlorophenol was requested on the chain-of-custody for samples SUP_MW_1 (258336001), SUP_MW_2 (258336002), SUP_MW_4 (258336003), and SUP_MW_5 (258336004) by method 8260, however the correct method and the method run was 8270. The lab noted that they received three vials for the trip blank not the six as indicated on the chain-of-custody. The lab had sufficient volume to conduct the requested analysis. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were used. The temperature of the delivery cooler was recorded at 7.6 °C and exceeded the required temperature range. Since the samples were delivered on ice the same day of collection no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Thirty-five (35) sample results were qualified (see Attachment 1).
- Eight nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits.
- Three detected sample results were qualified (B) and 24 detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.





Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258336

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_MW_1	258336001	EPA 5030B/8260	Water	Methylene chloride	0.20 J	ug/L	0.090	UB	Method Blank Contamination
SUP_MW_1	258336001	EPA 5030B/8260	Water	Naphthalene	0.084 J	ug/L	0.060	UB	Method Blank Contamination
SUP_MW_1	258336001	EPA 5030B/8260	Water	Toluene	9.9	ug/L	0.0010	B	Trip Blank Contamination
SUP_MW_1	258336001	EPA 5030B/8260	Water	Xylene (Total)	1.4 J	ug/L	0.080	UB	Method Blank Contamination
SUP_MW_1	258336001	EPA 5030B/8260	Water	m&p-Xylene	1.1 J	ug/L	0.010	UB	Method Blank Contamination
SUP_MW_1	258336001	EPA 5030B/8260	Water	n-Butylbenzene	0.058 J	ug/L	0.040	UB	Method Blank Contamination
SUP_MW_1	258336001	EPA 5030B/8260	Water	n-Propylbenzene	0.079 J	ug/L	0.030	UB	Method Blank Contamination
SUP_MW_1	258336001	EPA 5030B/8260	Water	p-Isopropyltoluene	3.3	ug/L	0.040	B	Method Blank Contamination
SUP_MW_1	258336001	EPA 7470	Water	Mercury	0.000016 J	mg/L	0.000011	UB	Method Blank Contamination
SUP_MW_1	258336001	NWTPH-Dx	Water	Diesel Range SG	<0.040	mg/L	0.040	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_1	258336001	NWTPH-Dx	Water	Motor Oil Range SG	<0.20	mg/L	0.20	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_1	258336001	NWTPH-Gx	Water	Gasoline Range Organics	41.7 J	ug/L	4.2	B	Method Blank Contamination
SUP_MW_2	258336002	EPA 5030B/8260	Water	Methylene chloride	0.14 J	ug/L	0.090	UB	Method Blank Contamination
SUP_MW_2	258336002	EPA 5030B/8260	Water	Toluene	0.078 J	ug/L	0.0010	UB	Trip Blank Contamination
SUP_MW_2	258336002	EPA 5030B/8260	Water	Xylene (Total)	0.74 J	ug/L	0.080	UB	Method Blank Contamination
SUP_MW_2	258336002	EPA 5030B/8260	Water	m&p-Xylene	0.73 J	ug/L	0.010	UB	Method Blank Contamination
SUP_MW_2	258336002	EPA 5030B/8260	Water	p-Isopropyltoluene	0.052 J	ug/L	0.040	UB	Method Blank Contamination
SUP_MW_2	258336002	EPA 7470	Water	Mercury	0.000025 J	mg/L	0.000011	UB	Method Blank Contamination
SUP_MW_2	258336002	EPA 7470	Water	Mercury, Dissolved	0.000019 J	mg/L	0.000011	UB	Method Blank Contamination
SUP_MW_2	258336002	NWTPH-Dx	Water	Diesel Range SG	<0.041	mg/L	0.041	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_2	258336002	NWTPH-Dx	Water	Motor Oil Range SG	<0.20	mg/L	0.20	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_2	258336002	NWTPH-Gx	Water	Gasoline Range Organics	5.6 J	ug/L	4.2	UB	Method Blank Contamination
SUP_MW_4	258336003	EPA 5030B/8260	Water	Methylene chloride	0.16 J	ug/L	0.090	UB	Method Blank Contamination
SUP_MW_4	258336003	NWTPH-Dx	Water	Diesel Range SG	<0.040	mg/L	0.040	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_4	258336003	NWTPH-Dx	Water	Motor Oil Range SG	<0.20	mg/L	0.20	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_4	258336003	NWTPH-Gx	Water	Gasoline Range Organics	5.6 J	ug/L	4.2	UB	Method Blank Contamination
SUP_MW_5	258336004	EPA 5030B/8260	Water	Methylene chloride	0.17 J	ug/L	0.090	UB	Method Blank Contamination
SUP_MW_5	258336004	EPA 5030B/8260	Water	Toluene	0.044 J	ug/L	0.0010	UB	Trip Blank Contamination
SUP_MW_5	258336004	EPA 5030B/8260	Water	Xylene (Total)	0.72 J	ug/L	0.080	UB	Method Blank Contamination
SUP_MW_5	258336004	EPA 5030B/8260	Water	m&p-Xylene	0.72 J	ug/L	0.010	UB	Method Blank Contamination
SUP_MW_5	258336004	EPA 7470	Water	Mercury	0.000025 J	mg/L	0.000011	UB	Method Blank Contamination
SUP_MW_5	258336004	EPA 7470	Water	Mercury, Dissolved	0.000023 J	mg/L	0.000011	UB	Method Blank Contamination
SUP_MW_5	258336004	NWTPH-Dx	Water	Diesel Range SG	<0.040	mg/L	0.040	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_5	258336004	NWTPH-Dx	Water	Motor Oil Range SG	<0.20	mg/L	0.20	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_5	258336004	NWTPH-Gx	Water	Gasoline Range Organics	4.9 J	ug/L	4.2	UB	Method Blank Contamination

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258336

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on June 30, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258336

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 258336

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258336001	SUP_MW_1	Water	06/30/11 11:00	06/30/11 16:40
258336002	SUP_MW_2	Water	06/30/11 09:15	06/30/11 16:40
258336003	SUP_MW_4	Water	06/30/11 14:00	06/30/11 16:40
258336004	SUP_MW_5	Water	06/30/11 15:30	06/30/11 16:40
258336005	Trip Blank	Water	06/30/11 00:00	06/30/11 16:40

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258336

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258336001	SUP_MW_1	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	LNH	72	PASI-S
258336002	SUP_MW_2	NWTPH-Gx	LNH	2	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
258336003	SUP_MW_4	EPA 5030B/8260	LNH	72	PASI-S
		NWTPH-Gx	LNH	2	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
258336004	SUP_MW_5	EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	LNH	72	PASI-S
		NWTPH-Gx	LNH	2	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
258336005	Trip Blank	EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	LNH	72	PASI-S
		NWTPH-Gx	LNH	2	PASI-S
		EPA 5030B/8260	LNH	72	PASI-S
		NWTPH-Gx	CC	2	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_1		Lab ID: 258336001	Collected: 06/30/11 11:00	Received: 06/30/11 16:40	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	ND mg/L		0.079	0.040	1	07/06/11 11:30	07/06/11 18:11		
Motor Oil Range SG	ND mg/L		0.40	0.20	1	07/06/11 11:30	07/06/11 18:11	64742-65-0	
Surrogates									
n-Octacosane (S) SG	84 %		50-150		1	07/06/11 11:30	07/06/11 18:11	630-02-4	
o-Terphenyl (S) SG	81 %		50-150		1	07/06/11 11:30	07/06/11 18:11	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	0.040 mg/L		0.010	0.0022	1	07/07/11 09:46	07/08/11 14:25	7440-38-2	
Cadmium	ND mg/L		0.0050	0.00042	1	07/07/11 09:46	07/08/11 14:25	7440-43-9	
Lead	0.012 mg/L		0.010	0.0019	1	07/07/11 09:46	07/08/11 14:25	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	0.0052J mg/L		0.020	0.0022	1	07/07/11 09:46	07/08/11 13:38	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	07/07/11 09:46	07/08/11 13:38	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	07/07/11 09:46	07/08/11 13:38	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.000016J mg/L		0.00020	0.000011	1	07/08/11 10:11	07/11/11 11:51	7439-97-6	
7470 Mercury, Dissolved (LF)		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND mg/L		0.00020	0.000011	1	07/08/11 10:11	07/11/11 12:29	7439-97-6	
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND ug/L		4.9	0.45	1	07/05/11 11:05	07/05/11 18:02	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	64 %		37-141		1	07/05/11 11:05	07/05/11 18:02	4165-60-0	
2-Fluorobiphenyl (S)	55 %		34-109		1	07/05/11 11:05	07/05/11 18:02	321-60-8	
Terphenyl-d14 (S)	87 %		45-130		1	07/05/11 11:05	07/05/11 18:02	1718-51-0	
Phenol-d6 (S)	27 %		10-105		1	07/05/11 11:05	07/05/11 18:02	13127-88-3	
2-Fluorophenol (S)	41 %		11-105		1	07/05/11 11:05	07/05/11 18:02	367-12-4	
2,4,6-Tribromophenol (S)	97 %		39-123		1	07/05/11 11:05	07/05/11 18:02	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.13	1		07/05/11 13:38	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.090	1		07/05/11 13:38	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.040	1		07/05/11 13:38	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.090	1		07/05/11 13:38	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.050	1		07/05/11 13:38	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.070	1		07/05/11 13:38	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.11	1		07/05/11 13:38	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.030	1		07/05/11 13:38	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.15	1		07/05/11 13:38	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.020	1		07/05/11 13:38	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.040	1		07/05/11 13:38	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.31	1		07/05/11 13:38	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_1		Lab ID: 258336001		Collected: 06/30/11 11:00		Received: 06/30/11 16:40		Matrix: Water	
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV		Analytical Method: EPA 5030B/8260							
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.090	1		07/05/11 13:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 13:38	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.040	1		07/05/11 13:38	107-06-2	
1,2-Dichloroethene (Total)	2.4	ug/L	2.0	0.10	1		07/05/11 13:38	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.070	1		07/05/11 13:38	78-87-5	
1,3,5-Trimethylbenzene	0.26J	ug/L	1.0	0.050	1		07/05/11 13:38	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.040	1		07/05/11 13:38	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.050	1		07/05/11 13:38	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.020	1		07/05/11 13:38	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		07/05/11 13:38	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	0.54	1		07/05/11 13:38	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.030	1		07/05/11 13:38	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.050	1		07/05/11 13:38	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.080	1		07/05/11 13:38	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.070	1		07/05/11 13:38	108-10-1	
Acetone	ND	ug/L	5.0	0.080	1		07/05/11 13:38	67-64-1	
Benzene	0.050J	ug/L	1.0	0.020	1		07/05/11 13:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.040	1		07/05/11 13:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.12	1		07/05/11 13:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.070	1		07/05/11 13:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.070	1		07/05/11 13:38	75-25-2	
Bromomethane	ND	ug/L	1.0	0.37	1		07/05/11 13:38	74-83-9	M1
Carbon disulfide	0.083J	ug/L	1.0	0.070	1		07/05/11 13:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.090	1		07/05/11 13:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 13:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.13	1		07/05/11 13:38	75-00-3	
Chloroform	0.24J	ug/L	1.0	0.050	1		07/05/11 13:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.060	1		07/05/11 13:38	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.030	1		07/05/11 13:38	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		07/05/11 13:38	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.070	1		07/05/11 13:38	75-71-8	
Ethylbenzene	0.16J	ug/L	1.0	0.070	1		07/05/11 13:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.11	1		07/05/11 13:38	87-68-3	B
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.050	1		07/05/11 13:38	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.050	1		07/05/11 13:38	1634-04-4	
Methylene chloride	0.20J	ug/L	4.0	0.090	1		07/05/11 13:38	75-09-2	B
Naphthalene	0.084J	ug/L	1.0	0.060	1		07/05/11 13:38	91-20-3	B
Styrene	ND	ug/L	1.0	0.060	1		07/05/11 13:38	100-42-5	
Tetrachloroethene	0.28J	ug/L	1.0	0.10	1		07/05/11 13:38	127-18-4	
Toluene	9.9	ug/L	1.0	0.0010	1		07/05/11 13:38	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.050	1		07/05/11 13:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.090	1		07/05/11 13:38	75-69-4	
Vinyl chloride	0.42J	ug/L	0.20	0.070	1		07/05/11 13:38	75-01-4	
Xylene (Total)	1.4J	ug/L	3.0	0.080	1		07/05/11 13:38	1330-20-7	B
cis-1,2-Dichloroethene	2.2	ug/L	1.0	0.040	1		07/05/11 13:38	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/05/11 13:38	10061-01-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_1		Lab ID: 258336001		Collected: 06/30/11 11:00		Received: 06/30/11 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260							
m&p-Xylene	1.1J	ug/L	2.0	0.010	1		07/05/11 13:38	179601-23-1	B
n-Butylbenzene	0.058J	ug/L	1.0	0.040	1		07/05/11 13:38	104-51-8	B
n-Propylbenzene	0.079J	ug/L	1.0	0.030	1		07/05/11 13:38	103-65-1	B
o-Xylene	0.27J	ug/L	1.0	0.070	1		07/05/11 13:38	95-47-6	
p-Isopropyltoluene	3.3	ug/L	1.0	0.040	1		07/05/11 13:38	99-87-6	B
sec-Butylbenzene	ND	ug/L	1.0	0.060	1		07/05/11 13:38	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.050	1		07/05/11 13:38	98-06-6	
trans-1,2-Dichloroethene	0.12J	ug/L	1.0	0.060	1		07/05/11 13:38	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/05/11 13:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97 %		80-120		1		07/05/11 13:38	460-00-4	
Dibromofluoromethane (S)	100 %		80-122		1		07/05/11 13:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		80-124		1		07/05/11 13:38	17060-07-0	
Toluene-d8 (S)	94 %		80-123		1		07/05/11 13:38	2037-26-5	
Preservation pH	1.0				1		07/05/11 13:38		
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx							
Gasoline Range Organics	41.7J	ug/L	50.0	4.2	1		07/13/11 12:08		
Surrogates									
4-Bromofluorobenzene (S)	100 %		50-150		1		07/13/11 12:08	460-00-4	
Sample: SUP_MW_2		Lab ID: 258336002		Collected: 06/30/11 09:15		Received: 06/30/11 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	ND	mg/L	0.082	0.041	1	07/06/11 11:30	07/06/11 18:28		
Motor Oil Range SG	ND	mg/L	0.41	0.20	1	07/06/11 11:30	07/06/11 18:28	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103 %		50-150		1	07/06/11 11:30	07/06/11 18:28	630-02-4	
o-Terphenyl (S) SG	99 %		50-150		1	07/06/11 11:30	07/06/11 18:28	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	0.27	mg/L	0.010	0.0022	1	07/07/11 09:46	07/08/11 14:36	7440-38-2	
Cadmium	0.0029J	mg/L	0.0050	0.00042	1	07/07/11 09:46	07/08/11 14:36	7440-43-9	
Lead	0.0039J	mg/L	0.010	0.0019	1	07/07/11 09:46	07/08/11 14:36	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	0.049	mg/L	0.020	0.0022	1	07/07/11 09:46	07/08/11 13:49	7440-38-2	
Cadmium, Dissolved	0.00068J	mg/L	0.0050	0.00042	1	07/07/11 09:46	07/08/11 13:49	7440-43-9	
Lead, Dissolved	ND	mg/L	0.010	0.0019	1	07/07/11 09:46	07/08/11 13:49	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.000025J	mg/L	0.00020	0.000011	1	07/08/11 10:11	07/11/11 11:53	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_2		Lab ID: 258336002		Collected: 06/30/11 09:15		Received: 06/30/11 16:40		Matrix: Water	
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
7470 Mercury, Dissolved (LF)		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	0.000019J	mg/L	0.00020	0.000011	1	07/08/11 10:11	07/11/11 12:35	7439-97-6	
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND	ug/L	5.1	0.47	1	07/05/11 11:05	07/05/11 18:25	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	64 %		37-141		1	07/05/11 11:05	07/05/11 18:25	4165-60-0	
2-Fluorobiphenyl (S)	58 %		34-109		1	07/05/11 11:05	07/05/11 18:25	321-60-8	
Terphenyl-d14 (S)	85 %		45-130		1	07/05/11 11:05	07/05/11 18:25	1718-51-0	
Phenol-d6 (S)	27 %		10-105		1	07/05/11 11:05	07/05/11 18:25	13127-88-3	
2-Fluorophenol (S)	41 %		11-105		1	07/05/11 11:05	07/05/11 18:25	367-12-4	
2,4,6-Tribromophenol (S)	96 %		39-123		1	07/05/11 11:05	07/05/11 18:25	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.13	1		07/05/11 13:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.090	1		07/05/11 13:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.040	1		07/05/11 13:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.090	1		07/05/11 13:58	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.050	1		07/05/11 13:58	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.070	1		07/05/11 13:58	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.11	1		07/05/11 13:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 13:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.15	1		07/05/11 13:58	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.020	1		07/05/11 13:58	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.040	1		07/05/11 13:58	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.31	1		07/05/11 13:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.090	1		07/05/11 13:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 13:58	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.040	1		07/05/11 13:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.10	1		07/05/11 13:58	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.070	1		07/05/11 13:58	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.050	1		07/05/11 13:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.040	1		07/05/11 13:58	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.050	1		07/05/11 13:58	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.020	1		07/05/11 13:58	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		07/05/11 13:58	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	0.54	1		07/05/11 13:58	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.030	1		07/05/11 13:58	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.050	1		07/05/11 13:58	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.080	1		07/05/11 13:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.070	1		07/05/11 13:58	108-10-1	
Acetone	ND	ug/L	5.0	0.080	1		07/05/11 13:58	67-64-1	
Benzene	0.029J	ug/L	1.0	0.020	1		07/05/11 13:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.040	1		07/05/11 13:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.12	1		07/05/11 13:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.070	1		07/05/11 13:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.070	1		07/05/11 13:58	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_2 **Lab ID:** 258336002 Collected: 06/30/11 09:15 Received: 06/30/11 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Bromomethane	ND	ug/L	1.0	0.37	1		07/05/11 13:58	74-83-9	
Carbon disulfide	0.076J	ug/L	1.0	0.070	1		07/05/11 13:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.090	1		07/05/11 13:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 13:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.13	1		07/05/11 13:58	75-00-3	
Chloroform	0.068J	ug/L	1.0	0.050	1		07/05/11 13:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.060	1		07/05/11 13:58	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.030	1		07/05/11 13:58	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		07/05/11 13:58	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.070	1		07/05/11 13:58	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.070	1		07/05/11 13:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.11	1		07/05/11 13:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.050	1		07/05/11 13:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.050	1		07/05/11 13:58	1634-04-4	
Methylene chloride	0.14J	ug/L	4.0	0.090	1		07/05/11 13:58	75-09-2	B
Naphthalene	ND	ug/L	1.0	0.060	1		07/05/11 13:58	91-20-3	
Styrene	ND	ug/L	1.0	0.060	1		07/05/11 13:58	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		07/05/11 13:58	127-18-4	
Toluene	0.078J	ug/L	1.0	0.0010	1		07/05/11 13:58	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.050	1		07/05/11 13:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.090	1		07/05/11 13:58	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.070	1		07/05/11 13:58	75-01-4	
Xylene (Total)	0.74J	ug/L	3.0	0.080	1		07/05/11 13:58	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.040	1		07/05/11 13:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/05/11 13:58	10061-01-5	
m&p-Xylene	0.73J	ug/L	2.0	0.010	1		07/05/11 13:58	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.040	1		07/05/11 13:58	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.030	1		07/05/11 13:58	103-65-1	
o-Xylene	ND	ug/L	1.0	0.070	1		07/05/11 13:58	95-47-6	
p-Isopropyltoluene	0.052J	ug/L	1.0	0.040	1		07/05/11 13:58	99-87-6	B
sec-Butylbenzene	ND	ug/L	1.0	0.060	1		07/05/11 13:58	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.050	1		07/05/11 13:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.060	1		07/05/11 13:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/05/11 13:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97 %		80-120		1		07/05/11 13:58	460-00-4	
Dibromofluoromethane (S)	98 %		80-122		1		07/05/11 13:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		80-124		1		07/05/11 13:58	17060-07-0	
Toluene-d8 (S)	93 %		80-123		1		07/05/11 13:58	2037-26-5	
Preservation pH	1.0				1		07/05/11 13:58		
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	5.6J	ug/L	50.0	4.2	1		07/13/11 12:25		
Surrogates									
4-Bromofluorobenzene (S)	99 %		50-150		1		07/13/11 12:25	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_4		Lab ID: 258336003		Collected: 06/30/11 14:00		Received: 06/30/11 16:40		Matrix: Water	
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	ND mg/L		0.080	0.040	1	07/06/11 11:30	07/06/11 18:44		
Motor Oil Range SG	ND mg/L		0.40	0.20	1	07/06/11 11:30	07/06/11 18:44	64742-65-0	
Surrogates									
n-Octacosane (S) SG	87 %		50-150		1	07/06/11 11:30	07/06/11 18:44	630-02-4	
o-Terphenyl (S) SG	82 %		50-150		1	07/06/11 11:30	07/06/11 18:44	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	0.033 mg/L		0.010	0.0022	1	07/07/11 09:46	07/08/11 14:39	7440-38-2	
Cadmium	ND mg/L		0.0050	0.00042	1	07/07/11 09:46	07/08/11 14:39	7440-43-9	
Lead	0.0047J mg/L		0.010	0.0019	1	07/07/11 09:46	07/08/11 14:39	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	0.013J mg/L		0.020	0.0022	1	07/07/11 09:46	07/08/11 13:52	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	07/07/11 09:46	07/08/11 13:52	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	07/07/11 09:46	07/08/11 13:52	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND mg/L		0.00020	0.000011	1	07/08/11 10:11	07/11/11 11:55	7439-97-6	
7470 Mercury, Dissolved (LF)		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND mg/L		0.00020	0.000011	1	07/08/11 10:11	07/11/11 12:37	7439-97-6	
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND ug/L		5.0	0.46	1	07/05/11 11:05	07/05/11 18:47	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	63 %		37-141		1	07/05/11 11:05	07/05/11 18:47	4165-60-0	
2-Fluorobiphenyl (S)	51 %		34-109		1	07/05/11 11:05	07/05/11 18:47	321-60-8	
Terphenyl-d14 (S)	69 %		45-130		1	07/05/11 11:05	07/05/11 18:47	1718-51-0	
Phenol-d6 (S)	28 %		10-105		1	07/05/11 11:05	07/05/11 18:47	13127-88-3	
2-Fluorophenol (S)	43 %		11-105		1	07/05/11 11:05	07/05/11 18:47	367-12-4	
2,4,6-Tribromophenol (S)	87 %		39-123		1	07/05/11 11:05	07/05/11 18:47	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.13	1		07/05/11 14:18	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.090	1		07/05/11 14:18	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.040	1		07/05/11 14:18	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.090	1		07/05/11 14:18	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.050	1		07/05/11 14:18	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.070	1		07/05/11 14:18	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.11	1		07/05/11 14:18	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.030	1		07/05/11 14:18	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.15	1		07/05/11 14:18	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.020	1		07/05/11 14:18	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.040	1		07/05/11 14:18	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.31	1		07/05/11 14:18	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_4 Lab ID: 258336003 Collected: 06/30/11 14:00 Received: 06/30/11 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.090	1		07/05/11 14:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 14:18	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.040	1		07/05/11 14:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.10	1		07/05/11 14:18	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.070	1		07/05/11 14:18	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.050	1		07/05/11 14:18	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.040	1		07/05/11 14:18	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.050	1		07/05/11 14:18	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.020	1		07/05/11 14:18	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		07/05/11 14:18	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	0.54	1		07/05/11 14:18	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.030	1		07/05/11 14:18	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.050	1		07/05/11 14:18	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.080	1		07/05/11 14:18	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.070	1		07/05/11 14:18	108-10-1	
Acetone	ND	ug/L	5.0	0.080	1		07/05/11 14:18	67-64-1	
Benzene	ND	ug/L	1.0	0.020	1		07/05/11 14:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.040	1		07/05/11 14:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.12	1		07/05/11 14:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.070	1		07/05/11 14:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.070	1		07/05/11 14:18	75-25-2	
Bromomethane	ND	ug/L	1.0	0.37	1		07/05/11 14:18	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.070	1		07/05/11 14:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.090	1		07/05/11 14:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 14:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.13	1		07/05/11 14:18	75-00-3	
Chloroform	0.056J	ug/L	1.0	0.050	1		07/05/11 14:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.060	1		07/05/11 14:18	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.030	1		07/05/11 14:18	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		07/05/11 14:18	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.070	1		07/05/11 14:18	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.070	1		07/05/11 14:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.11	1		07/05/11 14:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.050	1		07/05/11 14:18	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.050	1		07/05/11 14:18	1634-04-4	
Methylene chloride	0.16J	ug/L	4.0	0.090	1		07/05/11 14:18	75-09-2	B
Naphthalene	ND	ug/L	1.0	0.060	1		07/05/11 14:18	91-20-3	
Styrene	ND	ug/L	1.0	0.060	1		07/05/11 14:18	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		07/05/11 14:18	127-18-4	
Toluene	ND	ug/L	1.0	0.0010	1		07/05/11 14:18	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.050	1		07/05/11 14:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.090	1		07/05/11 14:18	75-69-4	
Vinyl chloride	0.54J	ug/L	0.20	0.070	1		07/05/11 14:18	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.080	1		07/05/11 14:18	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.040	1		07/05/11 14:18	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/05/11 14:18	10061-01-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_4	Lab ID: 258336003	Collected: 06/30/11 14:00	Received: 06/30/11 16:40	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
m&p-Xylene	ND ug/L		2.0	0.010	1		07/05/11 14:18	179601-23-1	
n-Butylbenzene	ND ug/L		1.0	0.040	1		07/05/11 14:18	104-51-8	
n-Propylbenzene	ND ug/L		1.0	0.030	1		07/05/11 14:18	103-65-1	
o-Xylene	ND ug/L		1.0	0.070	1		07/05/11 14:18	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	0.040	1		07/05/11 14:18	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	0.060	1		07/05/11 14:18	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	0.050	1		07/05/11 14:18	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.060	1		07/05/11 14:18	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.050	1		07/05/11 14:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97 %		80-120		1		07/05/11 14:18	460-00-4	
Dibromofluoromethane (S)	100 %		80-122		1		07/05/11 14:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		80-124		1		07/05/11 14:18	17060-07-0	
Toluene-d8 (S)	95 %		80-123		1		07/05/11 14:18	2037-26-5	
Preservation pH	1.0				1		07/05/11 14:18		
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	5.6J ug/L		50.0	4.2	1		07/13/11 12:43		
Surrogates									
4-Bromofluorobenzene (S)	99 %		50-150		1		07/13/11 12:43	460-00-4	
Sample: SUP_MW_5 Lab ID: 258336004 Collected: 06/30/11 15:30 Received: 06/30/11 16:40 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.081	0.040	1	07/06/11 11:30	07/06/11 19:01		
Motor Oil Range SG	ND mg/L		0.40	0.20	1	07/06/11 11:30	07/06/11 19:01	64742-65-0	
Surrogates									
n-Octacosane (S) SG	104 %		50-150		1	07/06/11 11:30	07/06/11 19:01	630-02-4	
o-Terphenyl (S) SG	99 %		50-150		1	07/06/11 11:30	07/06/11 19:01	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	1.4 mg/L		0.010	0.0022	1	07/07/11 09:46	07/08/11 14:43	7440-38-2	
Cadmium	0.015 mg/L		0.0050	0.00042	1	07/07/11 09:46	07/08/11 14:43	7440-43-9	
Lead	ND mg/L		0.010	0.0019	1	07/07/11 09:46	07/08/11 14:43	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.36 mg/L		0.020	0.0022	1	07/07/11 09:46	07/08/11 13:56	7440-38-2	
Cadmium, Dissolved	0.0035J mg/L		0.0050	0.00042	1	07/07/11 09:46	07/08/11 13:56	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	07/07/11 09:46	07/08/11 13:56	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.000025J mg/L		0.00020	0.000011	1	07/08/11 10:11	07/11/11 11:57	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_5 **Lab ID: 258336004** Collected: 06/30/11 15:30 Received: 06/30/11 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	0.000023J	mg/L	0.00020	0.000011	1	07/08/11 10:11	07/11/11 12:39	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND	ug/L	5.0	0.46	1	07/05/11 11:05	07/05/11 19:09	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	64 %		37-141		1	07/05/11 11:05	07/05/11 19:09	4165-60-0	
2-Fluorobiphenyl (S)	57 %		34-109		1	07/05/11 11:05	07/05/11 19:09	321-60-8	
Terphenyl-d14 (S)	82 %		45-130		1	07/05/11 11:05	07/05/11 19:09	1718-51-0	
Phenol-d6 (S)	27 %		10-105		1	07/05/11 11:05	07/05/11 19:09	13127-88-3	
2-Fluorophenol (S)	43 %		11-105		1	07/05/11 11:05	07/05/11 19:09	367-12-4	
2,4,6-Tribromophenol (S)	83 %		39-123		1	07/05/11 11:05	07/05/11 19:09	118-79-6	
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.13	1		07/05/11 14:39	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.090	1		07/05/11 14:39	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.040	1		07/05/11 14:39	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.090	1		07/05/11 14:39	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.050	1		07/05/11 14:39	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.070	1		07/05/11 14:39	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.11	1		07/05/11 14:39	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 14:39	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.15	1		07/05/11 14:39	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.020	1		07/05/11 14:39	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.040	1		07/05/11 14:39	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.31	1		07/05/11 14:39	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.090	1		07/05/11 14:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 14:39	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.040	1		07/05/11 14:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.10	1		07/05/11 14:39	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.070	1		07/05/11 14:39	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.050	1		07/05/11 14:39	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.040	1		07/05/11 14:39	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.050	1		07/05/11 14:39	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.020	1		07/05/11 14:39	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		07/05/11 14:39	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	0.54	1		07/05/11 14:39	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.030	1		07/05/11 14:39	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.050	1		07/05/11 14:39	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.080	1		07/05/11 14:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.070	1		07/05/11 14:39	108-10-1	
Acetone	ND	ug/L	5.0	0.080	1		07/05/11 14:39	67-64-1	
Benzene	ND	ug/L	1.0	0.020	1		07/05/11 14:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.040	1		07/05/11 14:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.12	1		07/05/11 14:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.070	1		07/05/11 14:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.070	1		07/05/11 14:39	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: SUP_MW_5 **Lab ID:** 258336004 Collected: 06/30/11 15:30 Received: 06/30/11 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Bromomethane	ND	ug/L	1.0	0.37	1		07/05/11 14:39	74-83-9	
Carbon disulfide	0.094J	ug/L	1.0	0.070	1		07/05/11 14:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.090	1		07/05/11 14:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.030	1		07/05/11 14:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.13	1		07/05/11 14:39	75-00-3	
Chloroform	0.37J	ug/L	1.0	0.050	1		07/05/11 14:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.060	1		07/05/11 14:39	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.030	1		07/05/11 14:39	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		07/05/11 14:39	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.070	1		07/05/11 14:39	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.070	1		07/05/11 14:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.11	1		07/05/11 14:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.050	1		07/05/11 14:39	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.050	1		07/05/11 14:39	1634-04-4	
Methylene chloride	0.17J	ug/L	4.0	0.090	1		07/05/11 14:39	75-09-2	B
Naphthalene	ND	ug/L	1.0	0.060	1		07/05/11 14:39	91-20-3	
Styrene	ND	ug/L	1.0	0.060	1		07/05/11 14:39	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		07/05/11 14:39	127-18-4	
Toluene	0.044J	ug/L	1.0	0.0010	1		07/05/11 14:39	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.050	1		07/05/11 14:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.090	1		07/05/11 14:39	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.070	1		07/05/11 14:39	75-01-4	
Xylene (Total)	0.72J	ug/L	3.0	0.080	1		07/05/11 14:39	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.040	1		07/05/11 14:39	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/05/11 14:39	10061-01-5	
m&p-Xylene	0.72J	ug/L	2.0	0.010	1		07/05/11 14:39	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.040	1		07/05/11 14:39	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.030	1		07/05/11 14:39	103-65-1	
o-Xylene	ND	ug/L	1.0	0.070	1		07/05/11 14:39	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.040	1		07/05/11 14:39	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.060	1		07/05/11 14:39	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.050	1		07/05/11 14:39	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.060	1		07/05/11 14:39	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/05/11 14:39	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97 %		80-120		1		07/05/11 14:39	460-00-4	
Dibromofluoromethane (S)	101 %		80-122		1		07/05/11 14:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		80-124		1		07/05/11 14:39	17060-07-0	
Toluene-d8 (S)	93 %		80-123		1		07/05/11 14:39	2037-26-5	
Preservation pH	1.0				1		07/05/11 14:39		
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	4.9J	ug/L	50.0	4.2	1		07/13/11 13:00		
Surrogates									
4-Bromofluorobenzene (S)	99 %		50-150		1		07/13/11 13:00	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: Trip Blank		Lab ID: 258336005	Collected: 06/30/11 00:00	Received: 06/30/11 16:40	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.13	1		07/05/11 13:17	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.090	1		07/05/11 13:17	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.040	1		07/05/11 13:17	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.090	1		07/05/11 13:17	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.050	1		07/05/11 13:17	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.070	1		07/05/11 13:17	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.11	1		07/05/11 13:17	563-58-6	
1,2,3-Trichlorobenzene	0.062J ug/L		1.0	0.030	1		07/05/11 13:17	87-61-6	B
1,2,3-Trichloropropane	ND ug/L		1.0	0.15	1		07/05/11 13:17	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.020	1		07/05/11 13:17	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.040	1		07/05/11 13:17	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.31	1		07/05/11 13:17	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.090	1		07/05/11 13:17	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.030	1		07/05/11 13:17	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.040	1		07/05/11 13:17	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.10	1		07/05/11 13:17	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.070	1		07/05/11 13:17	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.050	1		07/05/11 13:17	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.040	1		07/05/11 13:17	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.050	1		07/05/11 13:17	142-28-9	
1,4-Dichlorobenzene	0.024J ug/L		1.0	0.020	1		07/05/11 13:17	106-46-7	B
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		07/05/11 13:17	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	0.54	1		07/05/11 13:17	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.030	1		07/05/11 13:17	95-49-8	
2-Hexanone	ND ug/L		5.0	0.050	1		07/05/11 13:17	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.080	1		07/05/11 13:17	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	0.070	1		07/05/11 13:17	108-10-1	
Acetone	ND ug/L		5.0	0.080	1		07/05/11 13:17	67-64-1	
Benzene	ND ug/L		1.0	0.020	1		07/05/11 13:17	71-43-2	
Bromobenzene	ND ug/L		1.0	0.040	1		07/05/11 13:17	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.12	1		07/05/11 13:17	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.070	1		07/05/11 13:17	75-27-4	
Bromoform	ND ug/L		1.0	0.070	1		07/05/11 13:17	75-25-2	
Bromomethane	ND ug/L		1.0	0.37	1		07/05/11 13:17	74-83-9	
Carbon disulfide	ND ug/L		1.0	0.070	1		07/05/11 13:17	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.090	1		07/05/11 13:17	56-23-5	
Chlorobenzene	ND ug/L		1.0	0.030	1		07/05/11 13:17	108-90-7	
Chloroethane	ND ug/L		1.0	0.13	1		07/05/11 13:17	75-00-3	
Chloroform	ND ug/L		1.0	0.050	1		07/05/11 13:17	67-66-3	
Chloromethane	ND ug/L		1.0	0.060	1		07/05/11 13:17	74-87-3	
Dibromochloromethane	ND ug/L		1.0	0.030	1		07/05/11 13:17	124-48-1	
Dibromomethane	ND ug/L		1.0	0.10	1		07/05/11 13:17	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	0.070	1		07/05/11 13:17	75-71-8	
Ethylbenzene	ND ug/L		1.0	0.070	1		07/05/11 13:17	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	0.11	1		07/05/11 13:17	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	0.050	1		07/05/11 13:17	98-82-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258336

Sample: Trip Blank									
Lab ID: 258336005									
Collected: 06/30/11 00:00									
Received: 06/30/11 16:40									
Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Methyl-tert-butyl ether	ND	ug/L	1.0	0.050	1		07/05/11 13:17	1634-04-4	
Methylene chloride	1.7J	ug/L	4.0	0.090	1		07/05/11 13:17	75-09-2	B
Naphthalene	ND	ug/L	1.0	0.060	1		07/05/11 13:17	91-20-3	
Styrene	ND	ug/L	1.0	0.060	1		07/05/11 13:17	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		07/05/11 13:17	127-18-4	
Toluene	0.060J	ug/L	1.0	0.0010	1		07/05/11 13:17	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.050	1		07/05/11 13:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.090	1		07/05/11 13:17	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.070	1		07/05/11 13:17	75-01-4	
Xylene (Total)	0.73J	ug/L	3.0	0.080	1		07/05/11 13:17	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.040	1		07/05/11 13:17	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/05/11 13:17	10061-01-5	
m&p-Xylene	0.73J	ug/L	2.0	0.010	1		07/05/11 13:17	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.040	1		07/05/11 13:17	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.030	1		07/05/11 13:17	103-65-1	
o-Xylene	ND	ug/L	1.0	0.070	1		07/05/11 13:17	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.040	1		07/05/11 13:17	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.060	1		07/05/11 13:17	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.050	1		07/05/11 13:17	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.060	1		07/05/11 13:17	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/05/11 13:17	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97 %		80-120		1		07/05/11 13:17	460-00-4	
Dibromofluoromethane (S)	98 %		80-122		1		07/05/11 13:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		80-124		1		07/05/11 13:17	17060-07-0	
Toluene-d8 (S)	94 %		80-123		1		07/05/11 13:17	2037-26-5	
Preservation pH	1.0				1		07/05/11 13:17		
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	6.9	1		07/05/11 13:17		
Surrogates									
4-Bromofluorobenzene (S)	97 %		50-150		1		07/05/11 13:17	460-00-4	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

QC Batch: MERP/1469

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury

Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

METHOD BLANK: 77065

Matrix: Water

Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	0.000017J	0.00020	07/11/11 11:41	

LABORATORY CONTROL SAMPLE: 77066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77067

77068

Parameter	Units	258288001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.000077J	.005	.005	0.0043	0.0044	85	86	75-125	.7	20	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

QC Batch: MERP/1471 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
 Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

METHOD BLANK: 77073 Matrix: Water

Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	0.000023J	0.00020	07/11/11 12:20	

LABORATORY CONTROL SAMPLE: 77074

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0050	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77075 77076

Parameter	Units	77075		77076		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		258336001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mercury, Dissolved	mg/L	ND	.005	.005	0.0041	0.0042	83	83	85-115	.9	20 M1

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

QC Batch: MPRP/2321 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET
 Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

METHOD BLANK: 76949 Matrix: Water

Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	07/08/11 14:18	
Cadmium	mg/L	ND	0.0050	07/08/11 14:18	
Lead	mg/L	ND	0.010	07/08/11 14:18	

LABORATORY CONTROL SAMPLE: 76950

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.52	104	80-120	
Cadmium	mg/L	.5	0.51	102	80-120	
Lead	mg/L	.5	0.55	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76951 76952

Parameter	Units	258336001		258336002		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec				
Arsenic	mg/L	0.040	.5	.5	0.58	0.57	108	106	75-125	1	20	
Cadmium	mg/L	ND	.5	.5	0.52	0.51	103	102	75-125	.8	20	
Lead	mg/L	0.012	.5	.5	0.55	0.54	108	105	75-125	2	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258336

QC Batch: MPRP/2322 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

METHOD BLANK: 76953 Matrix: Water
Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.020	07/08/11 13:30	
Cadmium, Dissolved	mg/L	ND	0.0050	07/08/11 13:30	
Lead, Dissolved	mg/L	ND	0.010	07/08/11 13:30	

LABORATORY CONTROL SAMPLE: 76954

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.52	104	80-120	
Cadmium, Dissolved	mg/L	.5	0.54	107	80-120	
Lead, Dissolved	mg/L	.5	0.54	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76955 76956

Parameter	Units	258336001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	mg/L	0.0052J	.5	.5	0.54	0.54	107	107	75-125	.1	20	
Cadmium, Dissolved	mg/L	ND	.5	.5	0.53	0.54	106	108	75-125	2	20	
Lead, Dissolved	mg/L	ND	.5	.5	0.51	0.52	103	104	75-125	.9	20	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

QC Batch: MSV/4830 Analysis Method: EPA 5030B/8260
 QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
 Associated Lab Samples: 258336001, 258336002, 258336003, 258336004, 258336005

METHOD BLANK: 76698 Matrix: Water
 Associated Lab Samples: 258336001, 258336002, 258336003, 258336004, 258336005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	07/05/11 12:17	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/05/11 12:17	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	07/05/11 12:17	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/05/11 12:17	
1,1-Dichloroethane	ug/L	ND	1.0	07/05/11 12:17	
1,1-Dichloroethene	ug/L	ND	1.0	07/05/11 12:17	
1,1-Dichloropropene	ug/L	ND	1.0	07/05/11 12:17	
1,2,3-Trichlorobenzene	ug/L	0.50J	1.0	07/05/11 12:17	
1,2,3-Trichloropropane	ug/L	ND	1.0	07/05/11 12:17	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/05/11 12:17	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	07/05/11 12:17	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	07/05/11 12:17	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/05/11 12:17	
1,2-Dichlorobenzene	ug/L	0.054J	1.0	07/05/11 12:17	
1,2-Dichloroethane	ug/L	ND	1.0	07/05/11 12:17	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	07/05/11 12:17	
1,2-Dichloropropane	ug/L	ND	1.0	07/05/11 12:17	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	07/05/11 12:17	
1,3-Dichlorobenzene	ug/L	0.048J	1.0	07/05/11 12:17	
1,3-Dichloropropane	ug/L	ND	1.0	07/05/11 12:17	
1,4-Dichlorobenzene	ug/L	0.067J	1.0	07/05/11 12:17	
2,2-Dichloropropane	ug/L	ND	1.0	07/05/11 12:17	
2-Butanone (MEK)	ug/L	ND	5.0	07/05/11 12:17	
2-Chlorotoluene	ug/L	ND	1.0	07/05/11 12:17	
2-Hexanone	ug/L	ND	5.0	07/05/11 12:17	
4-Chlorotoluene	ug/L	ND	1.0	07/05/11 12:17	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/05/11 12:17	
Acetone	ug/L	ND	5.0	07/05/11 12:17	
Benzene	ug/L	ND	1.0	07/05/11 12:17	
Bromobenzene	ug/L	ND	1.0	07/05/11 12:17	
Bromochloromethane	ug/L	ND	1.0	07/05/11 12:17	
Bromodichloromethane	ug/L	ND	1.0	07/05/11 12:17	
Bromoform	ug/L	ND	1.0	07/05/11 12:17	
Bromomethane	ug/L	ND	1.0	07/05/11 12:17	
Carbon disulfide	ug/L	ND	1.0	07/05/11 12:17	
Carbon tetrachloride	ug/L	ND	1.0	07/05/11 12:17	
Chlorobenzene	ug/L	ND	1.0	07/05/11 12:17	
Chloroethane	ug/L	ND	1.0	07/05/11 12:17	
Chloroform	ug/L	ND	1.0	07/05/11 12:17	
Chloromethane	ug/L	ND	1.0	07/05/11 12:17	
cis-1,2-Dichloroethene	ug/L	ND	1.0	07/05/11 12:17	
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/05/11 12:17	
Dibromochloromethane	ug/L	ND	1.0	07/05/11 12:17	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258336

METHOD BLANK: 76698 Matrix: Water
Associated Lab Samples: 258336001, 258336002, 258336003, 258336004, 258336005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	07/05/11 12:17	
Dichlorodifluoromethane	ug/L	ND	1.0	07/05/11 12:17	
Ethylbenzene	ug/L	ND	1.0	07/05/11 12:17	
Hexachloro-1,3-butadiene	ug/L	0.31J	1.0	07/05/11 12:17	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	07/05/11 12:17	
m&p-Xylene	ug/L	0.75J	2.0	07/05/11 12:17	
Methyl-tert-butyl ether	ug/L	ND	1.0	07/05/11 12:17	
Methylene chloride	ug/L	0.49J	4.0	07/05/11 12:17	
n-Butylbenzene	ug/L	0.089J	1.0	07/05/11 12:17	
n-Propylbenzene	ug/L	0.047J	1.0	07/05/11 12:17	
Naphthalene	ug/L	0.34J	1.0	07/05/11 12:17	
o-Xylene	ug/L	ND	1.0	07/05/11 12:17	
p-Isopropyltoluene	ug/L	0.068J	1.0	07/05/11 12:17	
sec-Butylbenzene	ug/L	ND	1.0	07/05/11 12:17	
Styrene	ug/L	ND	1.0	07/05/11 12:17	
tert-Butylbenzene	ug/L	ND	1.0	07/05/11 12:17	
Tetrachloroethene	ug/L	ND	1.0	07/05/11 12:17	
Toluene	ug/L	0.021J	1.0	07/05/11 12:17	
trans-1,2-Dichloroethene	ug/L	ND	1.0	07/05/11 12:17	
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/05/11 12:17	
Trichloroethene	ug/L	ND	1.0	07/05/11 12:17	
Trichlorofluoromethane	ug/L	ND	1.0	07/05/11 12:17	
Vinyl chloride	ug/L	ND	0.20	07/05/11 12:17	
Xylene (Total)	ug/L	0.75J	3.0	07/05/11 12:17	
1,2-Dichloroethane-d4 (S)	%	101	80-124	07/05/11 12:17	
4-Bromofluorobenzene (S)	%	99	80-120	07/05/11 12:17	
Dibromofluoromethane (S)	%	99	80-122	07/05/11 12:17	
Toluene-d8 (S)	%	94	80-123	07/05/11 12:17	

LABORATORY CONTROL SAMPLE: 76699

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.4	107	68-131	
1,1,1-Trichloroethane	ug/L	20	19.2	96	74-137	
1,1,2,2-Tetrachloroethane	ug/L	20	23.0	115	72-126	
1,1,2-Trichloroethane	ug/L	20	22.2	111	76-120	
1,1-Dichloroethane	ug/L	20	20.6	103	76-131	
1,1-Dichloroethene	ug/L	20	19.7	99	68-150	
1,1-Dichloropropene	ug/L	20	19.1	95	74-138	
1,2,3-Trichlorobenzene	ug/L	20	17.7	88	60-136	
1,2,3-Trichloropropane	ug/L	20	20.9	105	62-135	
1,2,4-Trichlorobenzene	ug/L	20	16.0	80	62-136	
1,2,4-Trimethylbenzene	ug/L	20	18.1	90	66-132	
1,2-Dibromo-3-chloropropane	ug/L	20	18.4	92	60-123	
1,2-Dibromoethane (EDB)	ug/L	20	22.3	112	73-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

LABORATORY CONTROL SAMPLE: 76699

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	19.1	95	75-122	
1,2-Dichloroethane	ug/L	20	23.2	116	78-125	
1,2-Dichloroethene (Total)	ug/L	40	42.3	106	77-136	
1,2-Dichloropropane	ug/L	20	22.5	112	76-121	
1,3,5-Trimethylbenzene	ug/L	20	17.7	88	69-130	
1,3-Dichlorobenzene	ug/L	20	18.8	94	75-122	
1,3-Dichloropropane	ug/L	20	21.8	109	77-120	
1,4-Dichlorobenzene	ug/L	20	18.5	93	78-120	
2,2-Dichloropropane	ug/L	20	19.2	96	46-168	
2-Butanone (MEK)	ug/L	40	59.4	148	55-146	L3
2-Chlorotoluene	ug/L	20	17.3	87	67-129	
2-Hexanone	ug/L	40	52.3	131	58-136	
4-Chlorotoluene	ug/L	20	19.3	97	75-126	
4-Methyl-2-pentanone (MIBK)	ug/L	40	48.4	121	62-137	
Acetone	ug/L	40	73.9	185	30-180	L3
Benzene	ug/L	20	20.9	105	76-127	
Bromobenzene	ug/L	20	19.0	95	74-120	
Bromochloromethane	ug/L	20	22.2	111	73-132	
Bromodichloromethane	ug/L	20	22.4	112	74-126	
Bromoform	ug/L	20	19.8	99	64-129	
Bromomethane	ug/L	20	12.5	63	40-164	
Carbon disulfide	ug/L	20	21.7	108	32-158	
Carbon tetrachloride	ug/L	20	20.1	100	68-142	
Chlorobenzene	ug/L	20	19.5	98	78-121	
Chloroethane	ug/L	20	15.6	78	58-151	
Chloroform	ug/L	20	21.2	106	80-125	
Chloromethane	ug/L	20	14.3	71	50-152	
cis-1,2-Dichloroethene	ug/L	20	22.0	110	80-135	
cis-1,3-Dichloropropene	ug/L	20	22.5	112	65-134	
Dibromochloromethane	ug/L	20	19.0	95	71-126	
Dibromomethane	ug/L	20	23.7	118	78-126	
Dichlorodifluoromethane	ug/L	20	9.8	49	18-180	
Ethylbenzene	ug/L	20	18.7	94	72-125	
Hexachloro-1,3-butadiene	ug/L	20	17.2	86	60-138	
Isopropylbenzene (Cumene)	ug/L	20	19.4	97	69-135	
m&p-Xylene	ug/L	40	32.6	82	73-126	
Methyl-tert-butyl ether	ug/L	20	22.6	113	58-145	
Methylene chloride	ug/L	20	22.3	111	65-144	
n-Butylbenzene	ug/L	20	17.6	88	66-132	
n-Propylbenzene	ug/L	20	17.7	89	69-131	
Naphthalene	ug/L	20	17.9	89	51-142	
o-Xylene	ug/L	20	19.0	95	73-123	
p-Isopropyltoluene	ug/L	20	18.0	90	67-133	
sec-Butylbenzene	ug/L	20	17.8	89	65-136	
Styrene	ug/L	20	21.1	106	72-128	
tert-Butylbenzene	ug/L	20	18.0	90	61-133	
Tetrachloroethene	ug/L	20	18.1	90	40-164	
Toluene	ug/L	20	18.4	92	69-125	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

LABORATORY CONTROL SAMPLE: 76699

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	20.3	101	73-139	
trans-1,3-Dichloropropene	ug/L	20	19.7	98	56-122	
Trichloroethene	ug/L	20	19.2	96	74-127	
Trichlorofluoromethane	ug/L	20	15.7	79	64-154	
Vinyl chloride	ug/L	20	14.1	70	57-147	
Xylene (Total)	ug/L	60	51.6	86	74-124	
1,2-Dichloroethane-d4 (S)	%			99	80-124	
4-Bromofluorobenzene (S)	%			96	80-120	
Dibromofluoromethane (S)	%			103	80-122	
Toluene-d8 (S)	%			94	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76759 76760

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		258336001 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.7	20.6	109	103	73-126	5	30
1,1,1-Trichloroethane	ug/L	ND	20	20	21.1	20.3	106	101	69-135	4	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.8	22.2	114	111	69-123	3	30
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	21.1	111	105	76-114	5	30
1,1-Dichloroethane	ug/L	ND	20	20	22.0	21.0	110	105	74-124	5	30
1,1-Dichloroethene	ug/L	ND	20	20	21.8	21.0	109	105	69-139	4	30
1,1-Dichloropropene	ug/L	ND	20	20	21.6	20.4	108	102	77-134	6	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.0	20.9	105	105	63-136	.6	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20.4	20.2	102	101	66-118	.7	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.6	17.4	93	87	68-129	7	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.7	19.7	104	99	72-126	5	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.1	16.8	86	84	64-124	2	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.6	20.7	113	103	78-117	9	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	19.3	103	96	74-118	7	30
1,2-Dichloroethane	ug/L	ND	20	20	23.4	22.2	117	111	73-127	5	30
1,2-Dichloroethene (Total)	ug/L	2.4	40	40	48.9	46.3	116	110	60-140	5	30
1,2-Dichloropropane	ug/L	ND	20	20	23.4	22.4	117	112	72-126	4	30
1,3,5-Trimethylbenzene	ug/L	0.26J	20	20	19.5	18.7	96	92	68-129	4	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.3	103	96	73-119	6	30
1,3-Dichloropropane	ug/L	ND	20	20	22.4	20.9	112	105	74-119	7	30
1,4-Dichlorobenzene	ug/L	ND	20	20	19.9	18.8	100	94	73-115	6	30
2,2-Dichloropropane	ug/L	ND	20	20	22.2	22.2	111	111	46-157	.06	30
2-Butanone (MEK)	ug/L	ND	40	40	50.3	44.9	126	112	65-138	12	30
2-Chlorotoluene	ug/L	ND	20	20	18.8	18.2	94	91	68-122	3	30
2-Hexanone	ug/L	ND	40	40	46.2	43.0	116	108	60-135	7	30
4-Chlorotoluene	ug/L	ND	20	20	20.6	20.2	103	101	70-122	2	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	47.8	45.8	119	115	70-135	4	30
Acetone	ug/L	ND	40	40	41.6	42.0	104	105	58-146	.9	30
Benzene	ug/L	0.050J	20	20	22.7	21.6	113	108	75-124	5	30
Bromobenzene	ug/L	ND	20	20	19.9	19.1	99	95	74-116	4	30
Bromochloromethane	ug/L	ND	20	20	22.9	21.4	115	107	75-128	7	30
Bromodichloromethane	ug/L	ND	20	20	21.9	21.4	110	107	77-126	2	30

Date: 04/18/2012 03:25 PM

REPORT OF LABORATORY ANALYSIS

Page 25 of 32

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 76759		76760		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		258336001 Result	MS Spike Conc.	MSD Spike Conc.									
Bromoform	ug/L	ND	20	20	17.1	16.9	86	84	61-131	2	30		
Bromomethane	ug/L	ND	20	20	11.2	12.1	56	60	58-139	7	30	M1	
Carbon disulfide	ug/L	0.083J	20	20	23.0	22.7	115	113	39-122	1	30		
Carbon tetrachloride	ug/L	ND	20	20	21.5	21.1	108	105	67-136	2	30		
Chlorobenzene	ug/L	ND	20	20	21.3	19.8	106	99	78-115	7	30		
Chloroethane	ug/L	ND	20	20	15.7	16.4	79	82	58-137	4	30		
Chloroform	ug/L	0.24J	20	20	22.5	21.5	111	107	75-124	4	30		
Chloromethane	ug/L	ND	20	20	13.4	13.5	67	67	50-129	.7	30		
cis-1,2-Dichloroethene	ug/L	2.2	20	20	25.9	24.6	118	112	78-126	5	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.4	22.0	117	110	78-159	6	30		
Dibromochloromethane	ug/L	ND	20	20	18.0	17.0	90	85	81-125	5	30		
Dibromomethane	ug/L	ND	20	20	23.7	22.5	118	112	75-124	5	30		
Dichlorodifluoromethane	ug/L	ND	20	20	8.1	8.3	41	42	30-140	3	30		
Ethylbenzene	ug/L	0.16J	20	20	21.0	19.7	104	98	76-124	6	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	18.8	102	93	55-132	9	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.8	20.3	109	101	73-127	7	30		
m&p-Xylene	ug/L	1.1J	40	40	36.3	34.1	88	82	75-124	6	30		
Methyl-tert-butyl ether	ug/L	ND	20	20	23.0	21.6	115	108	72-130	7	30		
Methylene chloride	ug/L	0.20J	20	20	21.6	20.4	107	101	69-124	6	30		
n-Butylbenzene	ug/L	0.058J	20	20	20.4	19.1	102	95	65-131	7	30		
n-Propylbenzene	ug/L	0.079J	20	20	19.6	18.9	98	94	69-129	3	30		
Naphthalene	ug/L	0.084J	20	20	20.5	20.4	102	101	69-135	.5	30		
o-Xylene	ug/L	0.27J	20	20	21.0	19.4	104	96	76-121	8	30		
p-Isopropyltoluene	ug/L	3.3	20	20	23.6	22.7	101	97	69-133	4	30		
sec-Butylbenzene	ug/L	ND	20	20	19.7	19.1	98	95	67-132	3	30		
Styrene	ug/L	ND	20	20	22.6	20.9	113	104	76-121	8	30		
tert-Butylbenzene	ug/L	ND	20	20	19.7	18.8	98	94	66-132	5	30		
Tetrachloroethene	ug/L	0.28J	20	20	20.9	19.5	103	96	70-127	7	30		
Toluene	ug/L	9.9	20	20	30.1	29.1	101	96	75-124	4	30		
trans-1,2-Dichloroethene	ug/L	0.12J	20	20	22.9	21.7	114	108	72-129	6	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.8	18.7	99	93	69-122	6	30		
Trichloroethene	ug/L	ND	20	20	21.1	20.2	106	101	78-124	4	30		
Trichlorofluoromethane	ug/L	ND	20	20	16.2	16.7	81	84	60-147	3	30		
Vinyl chloride	ug/L	0.42J	20	20	14.8	14.7	72	72	56-136	.9	30		
Xylene (Total)	ug/L	1.4J	60	60	57.4	53.5	93	87	76-123	7	30		
1,2-Dichloroethane-d4 (S)	%						101	99	80-124				
4-Bromofluorobenzene (S)	%						95	96	80-120				
Dibromofluoromethane (S)	%						101	103	80-122				
Toluene-d8 (S)	%						95	95	80-123				
Preservation pH		1.0			1.0	1.0					0		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258336

QC Batch: MSV/4864 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx MSV Water
Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

METHOD BLANK: 77522 Matrix: Water
Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	7.1J	50.0	07/13/11 11:34	
4-Bromofluorobenzene (S)	%	102	50-150	07/13/11 11:34	

LABORATORY CONTROL SAMPLE & LCSD: 77523 77834

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Gasoline Range Organics	ug/L	500	446	445	89	89	50-163			
4-Bromofluorobenzene (S)	%				100	99	50-150			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

QC Batch: MSV/4877

Analysis Method: NWTPH-Gx

QC Batch Method: NWTPH-Gx

Analysis Description: NWTPH-Gx MSV Water

Associated Lab Samples: 258336005

METHOD BLANK: 77879

Matrix: Water

Associated Lab Samples: 258336005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	ND	50.0	07/05/11 12:17	
4-Bromofluorobenzene (S)	%	99	50-150	07/05/11 12:17	

LABORATORY CONTROL SAMPLE: 77880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	485	97	50-163	
4-Bromofluorobenzene (S)	%			97	50-150	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

QC Batch: OEXT/3974

Analysis Method: EPA 8270

QC Batch Method: EPA 3510

Analysis Description: 8270 Water MSSV

Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

METHOD BLANK: 76688

Matrix: Water

Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	5.0	07/05/11 17:17	
2,4,6-Tribromophenol (S)	%	81	39-123	07/05/11 17:17	
2-Fluorobiphenyl (S)	%	54	34-109	07/05/11 17:17	
2-Fluorophenol (S)	%	40	11-105	07/05/11 17:17	
Nitrobenzene-d5 (S)	%	59	37-141	07/05/11 17:17	
Phenol-d6 (S)	%	25	10-105	07/05/11 17:17	
Terphenyl-d14 (S)	%	89	45-130	07/05/11 17:17	

LABORATORY CONTROL SAMPLE: 76689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	40	19.8	49	44-119	
2,4,6-Tribromophenol (S)	%			85	39-123	
2-Fluorobiphenyl (S)	%			59	34-109	
2-Fluorophenol (S)	%			40	11-105	
Nitrobenzene-d5 (S)	%			62	37-141	
Phenol-d6 (S)	%			26	10-105	
Terphenyl-d14 (S)	%			86	45-130	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258336

QC Batch: OEXT/3978

Analysis Method: NWTPH-Dx

QC Batch Method: EPA 3510

Analysis Description: NWTPH-Dx GCS SG

Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

METHOD BLANK: 76801

Matrix: Water

Associated Lab Samples: 258336001, 258336002, 258336003, 258336004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	ND	0.080	07/06/11 17:39	
Motor Oil Range SG	mg/L	ND	0.40	07/06/11 17:39	
n-Octacosane (S) SG	%	104	50-150	07/06/11 17:39	
o-Terphenyl (S) SG	%	99	50-150	07/06/11 17:39	

LABORATORY CONTROL SAMPLE: 76802

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/L	5	5.2	104	51-147	
Motor Oil Range SG	mg/L	5	5.4	108	20-160	
n-Octacosane (S) SG	%			105	50-150	
o-Terphenyl (S) SG	%			99	50-150	

QUALIFIERS

Project: Superlon

Pace Project No.: 258336

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSSV/1682

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: GCSV/2672

[1] A duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/4877

[1] A duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258336

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258336001	SUP_MW_1	EPA 3510	OEXT/3978	NWTPH-Dx	GCSV/2672
258336002	SUP_MW_2	EPA 3510	OEXT/3978	NWTPH-Dx	GCSV/2672
258336003	SUP_MW_4	EPA 3510	OEXT/3978	NWTPH-Dx	GCSV/2672
258336004	SUP_MW_5	EPA 3510	OEXT/3978	NWTPH-Dx	GCSV/2672
258336001	SUP_MW_1	EPA 3010	MPRP/2321	EPA 6010	ICP/2217
258336002	SUP_MW_2	EPA 3010	MPRP/2321	EPA 6010	ICP/2217
258336003	SUP_MW_4	EPA 3010	MPRP/2321	EPA 6010	ICP/2217
258336004	SUP_MW_5	EPA 3010	MPRP/2321	EPA 6010	ICP/2217
258336001	SUP_MW_1	EPA 3010	MPRP/2322	EPA 6010	ICP/2218
258336002	SUP_MW_2	EPA 3010	MPRP/2322	EPA 6010	ICP/2218
258336003	SUP_MW_4	EPA 3010	MPRP/2322	EPA 6010	ICP/2218
258336004	SUP_MW_5	EPA 3010	MPRP/2322	EPA 6010	ICP/2218
258336001	SUP_MW_1	EPA 7470	MERP/1469	EPA 7470	MERC/1483
258336002	SUP_MW_2	EPA 7470	MERP/1469	EPA 7470	MERC/1483
258336003	SUP_MW_4	EPA 7470	MERP/1469	EPA 7470	MERC/1483
258336004	SUP_MW_5	EPA 7470	MERP/1469	EPA 7470	MERC/1483
258336001	SUP_MW_1	EPA 7470	MERP/1471	EPA 7470	MERC/1485
258336002	SUP_MW_2	EPA 7470	MERP/1471	EPA 7470	MERC/1485
258336003	SUP_MW_4	EPA 7470	MERP/1471	EPA 7470	MERC/1485
258336004	SUP_MW_5	EPA 7470	MERP/1471	EPA 7470	MERC/1485
258336001	SUP_MW_1	EPA 3510	OEXT/3974	EPA 8270	MSSV/1682
258336002	SUP_MW_2	EPA 3510	OEXT/3974	EPA 8270	MSSV/1682
258336003	SUP_MW_4	EPA 3510	OEXT/3974	EPA 8270	MSSV/1682
258336004	SUP_MW_5	EPA 3510	OEXT/3974	EPA 8270	MSSV/1682
258336001	SUP_MW_1	EPA 5030B/8260	MSV/4830		
258336002	SUP_MW_2	EPA 5030B/8260	MSV/4830		
258336003	SUP_MW_4	EPA 5030B/8260	MSV/4830		
258336004	SUP_MW_5	EPA 5030B/8260	MSV/4830		
258336005	Trip Blank	EPA 5030B/8260	MSV/4830		
258336001	SUP_MW_1	NWTPH-Gx	MSV/4864		
258336002	SUP_MW_2	NWTPH-Gx	MSV/4864		
258336003	SUP_MW_4	NWTPH-Gx	MSV/4864		
258336004	SUP_MW_5	NWTPH-Gx	MSV/4864		
258336005	Trip Blank	NWTPH-Gx	MSV/4877		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258342
Sample Date(s): July 1, 2011

This review summarizes the data quality of analytical results generated in support of the July 1, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258342.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258342



Delivery Group Summary

Two groundwater samples and one groundwater trip blank were collected by Pacific Environmental Redevelopment Corporation on July 1, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for total and dissolved metals (arsenic, lead, cadmium), total and dissolved metals (mercury), diesel range organics, gasoline range organics, semivolatile organic compounds (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 7470, NWTPH-Dx, NWTPH-Gx, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 are of acceptable quality. None of the results were qualified.
- Total and dissolved mercury results by method 7470 have 100% of the results qualified.
- Pentachlorophenol results by method 8270 are of acceptable quality. None of the results were qualified.
- VOC results by method 8260 have 10.4% of the results qualified.
- Diesel range organic results by method NWTPH-Dx have 100% of the results qualified.
- Gasoline range organic results by method NWTPH-Gx have 100% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 0 Samples	Groundwater= 2 Samples	Trip Blank (Soil)= 0 Samples	Trip Blank (Groundwater)= 1 Sample
	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury 8270 Pentachlorophenol Only 8260 VOCs NWTPH-Dx NWTPH-Gx		NWTPH-Gx 8260 VOCs



Representativeness

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.

Action: No action was taken based on the evaluation of holding times.

Accuracy

Surrogates:

All surrogate recoveries were within the control limits.

Action: No action was taken based on the evaluation of surrogate recoveries.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via one cooler with the trip blank.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
258342003	Trip Blank	SUP_MW_6 SUP_MW_7	258342001 258342002	1,2,4-Trimethylbenzene	0.12 J	ug/L
				Benzene	1.3	ug/L
				Naphthalene	0.50 J	ug/L
				n-Propylbenzene	0.21 J	ug/L
77065	Method Blank	SUP_MW_6 SUP_MW_7	2588342001 2588342002	Mercury	0.000017 J	mg/L
77077	Method Blank	SUP_MW_6 SUP_MW_7	2588342001 2588342002	Mercury, Dissolved	0.000019 J	mg/L
76788	Method Blank	SUP_MW_6	2588342001	1,2,3-Trichlorobenzene	0.52 J	ug/L
				1,2-Dichlorobenzene	0.050 J	ug/L
				1,3,5-Trimethylbenzene	0.090 J	ug/L
				1,3-Dichlorobenzene	0.044 J	ug/L
				1,4-Dichlorobenzene	0.051 J	ug/L
				Hexachloro-1,3-butadiene	0.28 J	ug/L
				m&p-Xylene	0.79 J	ug/L
				Methylene chloride	0.40 J	ug/L
				n-Butylbenzene	0.11 J	ug/L
				n-Propylbenzene	0.074 J	ug/L
				Naphthalene	0.37 J	ug/L
				p-Isopropyltoluene	0.068 J	ug/L
				Toluene	0.017 J	ug/L
Xylene (Total)	0.81 J	ug/L				
77505	Method Blank	SUP_MW_7	258342002	1,2,3-Trichlorobenzene	0.26 J	ug/L
				1,2,4-Trichlorobenzene	0.29 J	ug/L
				1,2,4-Trimethylbenzene	0.24 J	ug/L
				Benzene	0.30 J	ug/L
				n-Butylbenzene	0.23 J	ug/L
				n-Propylbenzene	0.16 J	ug/L
				Naphthalene	0.56 J	ug/L
				p-Isopropyltoluene	0.10 J	ug/L

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.



3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	1,2,4-Trimethylbenzene		
SUP_MW_7	25834002	77505	Method Blank. Qualified based on criteria 4.
Analyte:	Benzene		
SUP_MW_7	25834002	258342003	Trip Blank. Qualified based on criteria 4.
Analyte:	Naphthalene		
SUP_MW_6	25834001	258342003	Trip Blank. Qualified based on criteria 4.
SUP_MW_7	25834002	77505	Method Blank. Qualified based on criteria 4.
Analyte:	n-Propylbenzene		
SUP_MW_6	25834001	258342003	Trip Blank. Qualified based on criteria 4.
SUP_MW_7	25834002	258342003	Trip Blank. Qualified based on criteria 4.
Analyte:	Mercury		
SUP_MW_6	25834001	77065	Method Blank. Qualified based on criteria 4.
SUP_MW_7	25834002		
Analyte:	Mercury, Dissolved		
SUP_MW_6	25834001	77077	Method Blank. Qualified based on criteria 4.
SUP_MW_7	25834002		
Analyte:	1,2,3-Trichlorobenzene		
SUP_MW_6	25834001	76788	Method Blank. Qualified based on criteria 4.
Analyte:	1,4-Dichlorobenzene		
SUP_MW_6	25834001	76788	Method Blank. Qualified based on criteria 4.
Analyte:	m&p-xylene		
SUP_MW_6	25834001	76788	Method Blank. Qualified based on criteria 4.
Analyte:	Methylene chloride		
SUP_MW_6	25834001	76788	Method Blank. Qualified based on criteria 4.
Analyte:	n-Butylbenzene		
SUP_MW_6	25834001	76788	Method Blank. Qualified based on criteria 4.
SUP_MW_7	25834002	77505	Method Blank. Qualified based on criteria 4.
Analyte:	Toluene		
SUP_MW_6	25834001	76788	Method Blank. Qualified based on criteria 4.
Analyte:	Xylene (Total)		
SUP_MW_6	25834001	76788	Method Blank. Qualified based on criteria 4.



Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for method NWTPH-Dx and NWTPH-Gx, and one per 10 samples for method 8270. Methods NWTPH-Dx, NWTPH-Gx, and 8270 did not have a MS/MSD prepared and analyzed. All other methods (6010, 7470, and 8260) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD. No action was taken based on the evaluation of MS/MSDs.

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_6	258342001	77042	Carbon disulfide	116/125	39-122	7	30	High	Results not qualified based on criteria 1a.
			Vinyl chloride	71/72	80-112	2	30	Low	Results not qualified based on criteria 1a.
SUP_MW_7	258342002	77886	2-Hexanone	59/60	60-135	1	30	Low	Results not qualified based on criteria 1a.
			4-Chlorotoluene	123/119	70-122	3	30	High	Results not qualified based on criteria 1a.
			4-Methyl-2-pentanone (MIBK)	66/67	70-135	1	30	Low	Results not qualified based on criteria 1a.
			Acetone	43/44	58-146	2	30	Low	Results not qualified based on criteria 1a.
			Benzene	427/173	75-124	85	30	High	Results not qualified based on criteria 1a.
			Bromobenzene	117/114	74-116	3	30	High	Results not qualified based on criteria 1a.



			Chlorobenzene	118/115	78-115	3	30	High	Results not qualified based on criteria 1a.
			Dichlorodifluoromethane	142/122	30-140	15	30	High	Results not qualified based on criteria 1a.
			Ethylbenzene	125/116	76-124	7	30	High	Results not qualified based on criteria 1a.
			cis-1,2-Dichloroethene	122/120	70-120	2	30	High	Results not qualified based on criteria 1a.
			Trichloroethene	116/114	80-112	2	30	High	Results not qualified based on criteria 1a.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one with each extraction for methods NWTPH-Dx and NWTPH-Gx, one per 20 samples for method 6010 and 8260, one per 10 samples for method 8270. LCS/LCSDs were not required for method 7470.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

- a. Aqueous LCS:
 - i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
 - ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
 - iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
 - iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
 - v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
 - vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
 - vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).
- b. Solid LCS:
 - i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
 - ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
 - iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
 - iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:



Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_6 SUP_MW_7	258342001 258342002	76802	Diesel Range SG	104	61-98			High	Qualified based on criteria 1c.
			Motor Oil Range SG	108	61-98			High	Qualified based on criteria 1c.
SUP_MW_6	258342001	76789	Acetone	182	30-180			High	Based on criteria above, results were not qualified.
			Vinyl Chloride	76	80-112			Low	Based on criteria above, results were not qualified.
SUP_MW_7	258342002	77506	Tetrachloroethene	74	80-112			Low	Based on criteria above, results were not qualified.
SUP_MW_6 SUP_MW_7	258342001 258342002	76762	Gasoline Range Organics	106	61-98			High	Qualified based on criteria 1a and 1c.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 6010, 8260, 7470, NWTPH-Dx and NWTPH-Gx, and one every 10 samples for method 8270. No duplicates were collected.

Action: No action was taken based on the evaluation of field duplicates.

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

Pentachlorophenol was requested on the chain-of-custody for samples SUP_MW_6 (258342001) and SUP_MW_7 (258342002) by method 8260, however the correct method and the method run was 8270. The lab noted that they received three vials for the trip blank not the six as indicated on the chain-of-custody. The lab had sufficient volume to conduct the requested analysis. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were used. The temperature of the delivery cooler was recorded at 3.5 °C and was within the required temperature range. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Twenty-four (24) sample results were qualified (see Attachment 1).
- One detected sample result was qualified as estimated (J) due to LCS/LCSD recoveries that exceeded control limits.
- Five nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits.



- Eighteen detected sample results were qualified as nondetected (UB) due to method/trip blank contamination. Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258342

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP-MW-6	258342001	EPA 5030B/8260	Water	1,2,3-Trichlorobenzene	0.094 J	ug/L	0.030	UB	Method Blank Contamination
SUP-MW-6	258342001	EPA 5030B/8260	Water	1,4-Dichlorobenzene	0.021 J	ug/L	0.020	UB	Method Blank Contamination
SUP-MW-6	258342001	EPA 5030B/8260	Water	Methylene chloride	0.27 J	ug/L	0.090	UB	Method Blank Contamination
SUP-MW-6	258342001	EPA 5030B/8260	Water	Naphthalene	0.092 J	ug/L	0.060	UB	Trip Blank Contamination
SUP-MW-6	258342001	EPA 5030B/8260	Water	Toluene	0.032 J	ug/L	0.0010	UB	Method Blank Contamination
SUP-MW-6	258342001	EPA 5030B/8260	Water	Xylene (Total)	0.75 J	ug/L	0.080	UB	Method Blank Contamination
SUP-MW-6	258342001	EPA 5030B/8260	Water	m&p-Xylene	0.75 J	ug/L	0.010	UB	Method Blank Contamination
SUP-MW-6	258342001	EPA 5030B/8260	Water	n-Butylbenzene	0.040 J	ug/L	0.040	UB	Method Blank Contamination
SUP-MW-6	258342001	EPA 5030B/8260	Water	n-Propylbenzene	0.030 J	ug/L	0.030	UB	Trip Blank Contamination
SUP-MW-6	258342001	EPA 7470	Water	Mercury	0.000027 J	mg/L	0.000011	UB	Method Blank Contamination
SUP-MW-6	258342001	EPA 7470	Water	Mercury, Dissolved	0.000020 J	mg/L	0.000011	UB	Method Blank Contamination
SUP-MW-6	258342001	NWTPH-Dx	Water	Diesel Range SG	<0.041	mg/L	0.041	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP-MW-6	258342001	NWTPH-Dx	Water	Motor Oil Range SG	<0.20	mg/L	0.20	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP-MW-6	258342001	NWTPH-Gx	Water	Gasoline Range Organics	<6.9	ug/L	6.9	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP-MW-7	258342002	EPA 5030B/8260	Water	1,2,4-Trimethylbenzene	0.86 J	ug/L	0.086	UB	Method Blank Contamination
SUP-MW-7	258342002	EPA 5030B/8260	Water	Benzene	1.7	ug/L	0.12	UB	Trip Blank Contamination
SUP-MW-7	258342002	EPA 5030B/8260	Water	Naphthalene	0.76 J	ug/L	0.10	UB	Method Blank Contamination
SUP-MW-7	258342002	EPA 5030B/8260	Water	n-Butylbenzene	0.11 J	ug/L	0.10	UB	Method Blank Contamination
SUP-MW-7	258342002	EPA 5030B/8260	Water	n-Propylbenzene	0.28 J	ug/L	0.16	UB	Trip Blank Contamination
SUP-MW-7	258342002	EPA 7470	Water	Mercury	0.000022 J	mg/L	0.000011	UB	Method Blank Contamination
SUP-MW-7	258342002	EPA 7470	Water	Mercury, Dissolved	0.000025 J	mg/L	0.000011	UB	Method Blank Contamination
SUP-MW-7	258342002	NWTPH-Dx	Water	Diesel Range SG	<0.039	mg/L	0.039	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP-MW-7	258342002	NWTPH-Dx	Water	Motor Oil Range SG	<0.20	mg/L	0.20	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP-MW-7	258342002	NWTPH-Gx	Water	Gasoline Range Organics	58.9	ug/L	6.9	J	LCS/LCSD Recoveries Exceed Control Limits

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258342

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on July 01, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258342

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 258342

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258342001	SUP-MW-6	Water	07/01/11 09:30	07/01/11 13:55
258342002	SUP-MW-7	Water	07/01/11 11:00	07/01/11 13:55
258342003	Trip Blank	Water	07/01/11 00:00	07/01/11 13:55

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258342

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258342001	SUP-MW-6	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	LNH	71	PASI-S
		NWTPH-Gx	CC, LNH	2	PASI-S
258342002	SUP-MW-7	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	LNH	71	PASI-S
258342003	Trip Blank	NWTPH-Gx	CC, LNH	2	PASI-S
		EPA 5030B/8260	LNH	71	PASI-S
		NWTPH-Gx	CC, LNH	2	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258342

Sample: SUP-MW-6		Lab ID: 258342001	Collected: 07/01/11 09:30	Received: 07/01/11 13:55	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	ND mg/L		0.082	0.041	1	07/06/11 11:30	07/06/11 19:17		
Motor Oil Range SG	ND mg/L		0.41	0.20	1	07/06/11 11:30	07/06/11 19:17	64742-65-0	
Surrogates									
n-Octacosane (S) SG	106 %		50-150		1	07/06/11 11:30	07/06/11 19:17	630-02-4	
o-Terphenyl (S) SG	100 %		50-150		1	07/06/11 11:30	07/06/11 19:17	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	2.0 mg/L		0.010	0.0022	1	07/12/11 08:26	07/12/11 18:38	7440-38-2	
Cadmium	0.0042J mg/L		0.0050	0.00042	1	07/12/11 08:26	07/12/11 18:38	7440-43-9	
Lead	0.023 mg/L		0.010	0.0019	1	07/12/11 08:26	07/12/11 18:38	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	1.3 mg/L		0.020	0.0022	1	07/12/11 08:26	07/12/11 17:40	7440-38-2	
Cadmium, Dissolved	0.0041J mg/L		0.0050	0.00042	1	07/12/11 08:26	07/12/11 17:40	7440-43-9	
Lead, Dissolved	0.022 mg/L		0.010	0.0019	1	07/12/11 08:26	07/12/11 17:40	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.000027J mg/L		0.00020	0.000011	1	07/08/11 10:11	07/11/11 12:04	7439-97-6	
7470 Mercury, Dissolved (LF)		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	0.000020J mg/L		0.00020	0.000011	1	07/08/11 10:11	07/11/11 12:50	7439-97-6	
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND ug/L		4.9	0.45	1	07/05/11 11:05	07/05/11 19:32	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	67 %		37-141		1	07/05/11 11:05	07/05/11 19:32	4165-60-0	
2-Fluorobiphenyl (S)	57 %		34-109		1	07/05/11 11:05	07/05/11 19:32	321-60-8	
Terphenyl-d14 (S)	76 %		45-130		1	07/05/11 11:05	07/05/11 19:32	1718-51-0	
Phenol-d6 (S)	26 %		10-105		1	07/05/11 11:05	07/05/11 19:32	13127-88-3	
2-Fluorophenol (S)	40 %		11-105		1	07/05/11 11:05	07/05/11 19:32	367-12-4	
2,4,6-Tribromophenol (S)	89 %		39-123		1	07/05/11 11:05	07/05/11 19:32	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.13	1		07/06/11 14:31	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.090	1		07/06/11 14:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.040	1		07/06/11 14:31	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.090	1		07/06/11 14:31	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.050	1		07/06/11 14:31	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.070	1		07/06/11 14:31	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.11	1		07/06/11 14:31	563-58-6	
1,2,3-Trichlorobenzene	0.094J ug/L		1.0	0.030	1		07/06/11 14:31	87-61-6	B
1,2,3-Trichloropropane	ND ug/L		1.0	0.15	1		07/06/11 14:31	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.020	1		07/06/11 14:31	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.040	1		07/06/11 14:31	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.31	1		07/06/11 14:31	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258342

Sample: SUP-MW-6 Lab ID: 258342001 Collected: 07/01/11 09:30 Received: 07/01/11 13:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.090	1		07/06/11 14:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.030	1		07/06/11 14:31	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.040	1		07/06/11 14:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.10	1		07/06/11 14:31	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.070	1		07/06/11 14:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.050	1		07/06/11 14:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.040	1		07/06/11 14:31	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.050	1		07/06/11 14:31	142-28-9	
1,4-Dichlorobenzene	0.021J	ug/L	1.0	0.020	1		07/06/11 14:31	106-46-7	B
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		07/06/11 14:31	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	0.54	1		07/06/11 14:31	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.030	1		07/06/11 14:31	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.050	1		07/06/11 14:31	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.080	1		07/06/11 14:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.070	1		07/06/11 14:31	108-10-1	
Acetone	ND	ug/L	5.0	0.080	1		07/06/11 14:31	67-64-1	
Benzene	ND	ug/L	1.0	0.020	1		07/06/11 14:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.040	1		07/06/11 14:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.12	1		07/06/11 14:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.070	1		07/06/11 14:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.070	1		07/06/11 14:31	75-25-2	
Bromomethane	ND	ug/L	1.0	0.37	1		07/06/11 14:31	74-83-9	
Carbon disulfide	0.26J	ug/L	1.0	0.070	1		07/06/11 14:31	75-15-0	M1
Carbon tetrachloride	ND	ug/L	1.0	0.090	1		07/06/11 14:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.030	1		07/06/11 14:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.13	1		07/06/11 14:31	75-00-3	
Chloroform	0.18J	ug/L	1.0	0.050	1		07/06/11 14:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.060	1		07/06/11 14:31	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.030	1		07/06/11 14:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		07/06/11 14:31	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.070	1		07/06/11 14:31	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.070	1		07/06/11 14:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.11	1		07/06/11 14:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.050	1		07/06/11 14:31	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.050	1		07/06/11 14:31	1634-04-4	
Methylene chloride	0.27J	ug/L	4.0	0.090	1		07/06/11 14:31	75-09-2	B
Naphthalene	0.092J	ug/L	1.0	0.060	1		07/06/11 14:31	91-20-3	B
Styrene	ND	ug/L	1.0	0.060	1		07/06/11 14:31	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		07/06/11 14:31	127-18-4	
Toluene	0.032J	ug/L	1.0	0.0010	1		07/06/11 14:31	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.050	1		07/06/11 14:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.090	1		07/06/11 14:31	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.070	1		07/06/11 14:31	75-01-4	
Xylene (Total)	0.75J	ug/L	3.0	0.080	1		07/06/11 14:31	1330-20-7	B
cis-1,2-Dichloroethene	0.069J	ug/L	1.0	0.040	1		07/06/11 14:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/06/11 14:31	10061-01-5	

Date: 04/18/2012 03:26 PM

REPORT OF LABORATORY ANALYSIS

Page 7 of 31

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258342

Sample: SUP-MW-6		Lab ID: 258342001		Collected: 07/01/11 09:30		Received: 07/01/11 13:55		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260							
m&p-Xylene	0.75J	ug/L	2.0	0.010	1		07/06/11 14:31	179601-23-1	B
n-Butylbenzene	0.040J	ug/L	1.0	0.040	1		07/06/11 14:31	104-51-8	B
n-Propylbenzene	0.030J	ug/L	1.0	0.030	1		07/06/11 14:31	103-65-1	B
o-Xylene	ND	ug/L	1.0	0.070	1		07/06/11 14:31	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.040	1		07/06/11 14:31	99-87-6	B
sec-Butylbenzene	ND	ug/L	1.0	0.060	1		07/06/11 14:31	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.050	1		07/06/11 14:31	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.060	1		07/06/11 14:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.050	1		07/06/11 14:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98 %		80-120		1		07/06/11 14:31	460-00-4	
Dibromofluoromethane (S)	98 %		80-122		1		07/06/11 14:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		80-124		1		07/06/11 14:31	17060-07-0	
Toluene-d8 (S)	93 %		80-123		1		07/06/11 14:31	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx							
Gasoline Range Organics	ND	ug/L	50.0	6.9	1		07/06/11 14:31		
Surrogates									
4-Bromofluorobenzene (S)	98 %		50-150		1		07/06/11 14:31	460-00-4	
Sample: SUP-MW-7		Lab ID: 258342002		Collected: 07/01/11 11:00		Received: 07/01/11 13:55		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	ND	mg/L	0.078	0.039	1	07/06/11 11:30	07/06/11 19:34		
Motor Oil Range SG	ND	mg/L	0.39	0.20	1	07/06/11 11:30	07/06/11 19:34	64742-65-0	
Surrogates									
n-Octacosane (S) SG	107 %		50-150		1	07/06/11 11:30	07/06/11 19:34	630-02-4	
o-Terphenyl (S) SG	103 %		50-150		1	07/06/11 11:30	07/06/11 19:34	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	0.0035J	mg/L	0.010	0.0022	1	07/12/11 08:26	07/12/11 18:49	7440-38-2	
Cadmium	ND	mg/L	0.0050	0.00042	1	07/12/11 08:26	07/12/11 18:49	7440-43-9	
Lead	0.022	mg/L	0.010	0.0019	1	07/12/11 08:26	07/12/11 18:49	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	0.0032J	mg/L	0.020	0.0022	1	07/12/11 08:26	07/12/11 17:51	7440-38-2	
Cadmium, Dissolved	ND	mg/L	0.0050	0.00042	1	07/12/11 08:26	07/12/11 17:51	7440-43-9	
Lead, Dissolved	0.012	mg/L	0.010	0.0019	1	07/12/11 08:26	07/12/11 17:51	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.000022J	mg/L	0.00020	0.000011	1	07/08/11 10:11	07/11/11 12:06	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258342

Sample: SUP-MW-7		Lab ID: 258342002		Collected: 07/01/11 11:00		Received: 07/01/11 13:55		Matrix: Water	
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
7470 Mercury, Dissolved (LF)		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	0.000025J	mg/L	0.00020	0.000011	1	07/08/11 10:11	07/11/11 12:56	7439-97-6	
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND	ug/L	4.9	0.45	1	07/05/11 11:05	07/05/11 19:54	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	67 %		37-141		1	07/05/11 11:05	07/05/11 19:54	4165-60-0	
2-Fluorobiphenyl (S)	62 %		34-109		1	07/05/11 11:05	07/05/11 19:54	321-60-8	
Terphenyl-d14 (S)	89 %		45-130		1	07/05/11 11:05	07/05/11 19:54	1718-51-0	
Phenol-d6 (S)	27 %		10-105		1	07/05/11 11:05	07/05/11 19:54	13127-88-3	
2-Fluorophenol (S)	43 %		11-105		1	07/05/11 11:05	07/05/11 19:54	367-12-4	
2,4,6-Tribromophenol (S)	93 %		39-123		1	07/05/11 11:05	07/05/11 19:54	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/13/11 16:44	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.20	1		07/13/11 16:44	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		07/13/11 16:44	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.19	1		07/13/11 16:44	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.23	1		07/13/11 16:44	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.12	1		07/13/11 16:44	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.094	1		07/13/11 16:44	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.11	1		07/13/11 16:44	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.37	1		07/13/11 16:44	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.15	1		07/13/11 16:44	120-82-1	
1,2,4-Trimethylbenzene	0.86J	ug/L	1.0	0.086	1		07/13/11 16:44	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.79	1		07/13/11 16:44	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/13/11 16:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.25	1		07/13/11 16:44	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.074	1		07/13/11 16:44	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.50	1		07/13/11 16:44	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/13/11 16:44	78-87-5	
1,3,5-Trimethylbenzene	0.26J	ug/L	1.0	0.16	1		07/13/11 16:44	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.16	1		07/13/11 16:44	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.22	1		07/13/11 16:44	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.20	1		07/13/11 16:44	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/13/11 16:44	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.6	1		07/13/11 16:44	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.098	1		07/13/11 16:44	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.57	1		07/13/11 16:44	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.13	1		07/13/11 16:44	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.32	1		07/13/11 16:44	108-10-1	
Acetone	ND	ug/L	5.0	0.75	1		07/13/11 16:44	67-64-1	
Benzene	1.7	ug/L	1.0	0.12	1		07/13/11 16:44	71-43-2	B
Bromobenzene	ND	ug/L	1.0	0.16	1		07/13/11 16:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		07/13/11 16:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		07/13/11 16:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.23	1		07/13/11 16:44	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258342

Sample: SUP-MW-7		Lab ID: 258342002		Collected: 07/01/11 11:00		Received: 07/01/11 13:55		Matrix: Water	
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV		Analytical Method: EPA 5030B/8260							
Bromomethane	ND ug/L		1.0	0.072	1		07/13/11 16:44	74-83-9	
Carbon disulfide	0.24J ug/L		1.0	0.16	1		07/13/11 16:44	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.25	1		07/13/11 16:44	56-23-5	
Chlorobenzene	ND ug/L		1.0	0.12	1		07/13/11 16:44	108-90-7	
Chloroethane	ND ug/L		1.0	0.27	1		07/13/11 16:44	75-00-3	
Chloroform	0.43J ug/L		1.0	0.15	1		07/13/11 16:44	67-66-3	
Chloromethane	ND ug/L		1.0	0.20	1		07/13/11 16:44	74-87-3	
Dibromochloromethane	ND ug/L		1.0	0.12	1		07/13/11 16:44	124-48-1	
Dibromomethane	ND ug/L		1.0	0.18	1		07/13/11 16:44	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	0.19	1		07/13/11 16:44	75-71-8	
Ethylbenzene	0.25J ug/L		1.0	0.20	1		07/13/11 16:44	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	0.27	1		07/13/11 16:44	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	0.11	1		07/13/11 16:44	98-82-8	
Methyl-tert-butyl ether	ND ug/L		1.0	0.16	1		07/13/11 16:44	1634-04-4	
Methylene chloride	ND ug/L		5.0	0.26	1		07/13/11 16:44	75-09-2	
Naphthalene	0.76J ug/L		1.0	0.10	1		07/13/11 16:44	91-20-3	B
Styrene	ND ug/L		1.0	0.074	1		07/13/11 16:44	100-42-5	
Tetrachloroethene	ND ug/L		1.0	0.10	1		07/13/11 16:44	127-18-4	
Toluene	0.37J ug/L		1.0	0.21	1		07/13/11 16:44	108-88-3	
Trichloroethene	ND ug/L		1.0	0.060	1		07/13/11 16:44	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	0.24	1		07/13/11 16:44	75-69-4	
Vinyl chloride	ND ug/L		0.20	0.050	1		07/13/11 16:44	75-01-4	
Xylene (Total)	1.5J ug/L		3.0	0.42	1		07/13/11 16:44	1330-20-7	
cis-1,2-Dichloroethene	ND ug/L		1.0	0.32	1		07/13/11 16:44	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	0.086	1		07/13/11 16:44	10061-01-5	
m&p-Xylene	0.80J ug/L		2.0	0.27	1		07/13/11 16:44	179601-23-1	
n-Butylbenzene	0.11J ug/L		1.0	0.10	1		07/13/11 16:44	104-51-8	B
n-Propylbenzene	0.28J ug/L		1.0	0.16	1		07/13/11 16:44	103-65-1	B
o-Xylene	0.74J ug/L		1.0	0.15	1		07/13/11 16:44	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	0.074	1		07/13/11 16:44	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	0.10	1		07/13/11 16:44	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	0.11	1		07/13/11 16:44	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.22	1		07/13/11 16:44	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.16	1		07/13/11 16:44	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100 %		80-120		1		07/13/11 16:44	460-00-4	
Dibromofluoromethane (S)	99 %		80-122		1		07/13/11 16:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	86 %		80-124		1		07/13/11 16:44	17060-07-0	
Toluene-d8 (S)	99 %		80-123		1		07/13/11 16:44	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx							
Gasoline Range Organics	58.9 ug/L		50.0	6.9	1		07/06/11 18:58		
Surrogates									
4-Bromofluorobenzene (S)	96 %		50-150		1		07/06/11 18:58	460-00-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258342

Sample: Trip Blank **Lab ID:** 258342003 Collected: 07/01/11 00:00 Received: 07/01/11 13:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/13/11 17:01	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.20	1		07/13/11 17:01	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		07/13/11 17:01	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.19	1		07/13/11 17:01	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.23	1		07/13/11 17:01	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.12	1		07/13/11 17:01	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.094	1		07/13/11 17:01	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.11	1		07/13/11 17:01	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.37	1		07/13/11 17:01	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.15	1		07/13/11 17:01	120-82-1	
1,2,4-Trimethylbenzene	0.12J	ug/L	1.0	0.086	1		07/13/11 17:01	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.79	1		07/13/11 17:01	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/13/11 17:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.25	1		07/13/11 17:01	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.074	1		07/13/11 17:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.50	1		07/13/11 17:01	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/13/11 17:01	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.16	1		07/13/11 17:01	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.16	1		07/13/11 17:01	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.22	1		07/13/11 17:01	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.20	1		07/13/11 17:01	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		07/13/11 17:01	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.6	1		07/13/11 17:01	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.098	1		07/13/11 17:01	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.57	1		07/13/11 17:01	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.13	1		07/13/11 17:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.32	1		07/13/11 17:01	108-10-1	
Acetone	ND	ug/L	5.0	0.75	1		07/13/11 17:01	67-64-1	
Benzene	1.3	ug/L	1.0	0.12	1		07/13/11 17:01	71-43-2	B
Bromobenzene	ND	ug/L	1.0	0.16	1		07/13/11 17:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		07/13/11 17:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		07/13/11 17:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.23	1		07/13/11 17:01	75-25-2	
Bromomethane	ND	ug/L	1.0	0.072	1		07/13/11 17:01	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.16	1		07/13/11 17:01	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		07/13/11 17:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.12	1		07/13/11 17:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		07/13/11 17:01	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		07/13/11 17:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.20	1		07/13/11 17:01	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.12	1		07/13/11 17:01	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.18	1		07/13/11 17:01	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.19	1		07/13/11 17:01	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.20	1		07/13/11 17:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.27	1		07/13/11 17:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.11	1		07/13/11 17:01	98-82-8	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258342

Sample: Trip Blank Lab ID: 258342003 Collected: 07/01/11 00:00 Received: 07/01/11 13:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/13/11 17:01	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.26	1		07/13/11 17:01	75-09-2	
Naphthalene	0.50J	ug/L	1.0	0.10	1		07/13/11 17:01	91-20-3	B
Styrene	ND	ug/L	1.0	0.074	1		07/13/11 17:01	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		07/13/11 17:01	127-18-4	
Toluene	ND	ug/L	1.0	0.21	1		07/13/11 17:01	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.060	1		07/13/11 17:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.24	1		07/13/11 17:01	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.050	1		07/13/11 17:01	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.42	1		07/13/11 17:01	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.32	1		07/13/11 17:01	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.086	1		07/13/11 17:01	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.27	1		07/13/11 17:01	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		07/13/11 17:01	104-51-8	
n-Propylbenzene	0.21J	ug/L	1.0	0.16	1		07/13/11 17:01	103-65-1	B
o-Xylene	ND	ug/L	1.0	0.15	1		07/13/11 17:01	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.074	1		07/13/11 17:01	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		07/13/11 17:01	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.11	1		07/13/11 17:01	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.22	1		07/13/11 17:01	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.16	1		07/13/11 17:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100 %		80-120		1		07/13/11 17:01	460-00-4	
Dibromofluoromethane (S)	99 %		80-122		1		07/13/11 17:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	86 %		80-124		1		07/13/11 17:01	17060-07-0	
Toluene-d8 (S)	100 %		80-123		1		07/13/11 17:01	2037-26-5	
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	6.9	1		07/06/11 13:10		
Surrogates									
4-Bromofluorobenzene (S)	96 %		50-150		1		07/06/11 13:10	460-00-4	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

QC Batch: MERP/1469 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
 Associated Lab Samples: 258342001, 258342002

METHOD BLANK: 77065 Matrix: Water

Associated Lab Samples: 258342001, 258342002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	0.000017J	0.00020	07/11/11 11:41	

LABORATORY CONTROL SAMPLE: 77066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77067 77068

Parameter	Units	258288001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.000077J	.005	.005	0.0043	0.0044	85	86	75-125	.7	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258342

QC Batch: MERP/1472 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
Associated Lab Samples: 258342001, 258342002

METHOD BLANK: 77077 Matrix: Water
Associated Lab Samples: 258342001, 258342002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	0.000019J	0.00020	07/11/11 12:41	

LABORATORY CONTROL SAMPLE: 77078

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0050	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77079 77080

Parameter	Units	258342001		258342002		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Spike Conc.	MSD Spike Conc.							
Mercury, Dissolved	mg/L	0.000020J	.005	0.000020J	.005	0.0047	0.0047	95	93	85-115	2	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

QC Batch: MPRP/2328 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET
 Associated Lab Samples: 258342001, 258342002

METHOD BLANK: 77393 Matrix: Water

Associated Lab Samples: 258342001, 258342002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	07/12/11 18:05	
Cadmium	mg/L	ND	0.0050	07/12/11 18:05	
Lead	mg/L	ND	0.010	07/12/11 18:05	

LABORATORY CONTROL SAMPLE: 77394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.53	106	80-120	
Cadmium	mg/L	.5	0.55	110	80-120	
Lead	mg/L	.5	0.59	119	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77395 77396

Parameter	Units	258348002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	28.7 ug/L	.5	.5	0.54	0.55	102	104	75-125	2	20	
Cadmium	mg/L	ND	.5	.5	0.53	0.54	106	108	75-125	1	20	
Lead	mg/L	146 ug/L	.5	.5	0.70	0.70	111	110	75-125	.4	20	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

QC Batch: MPRP/2329

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET Dissolved

Associated Lab Samples: 258342001, 258342002

METHOD BLANK: 77397

Matrix: Water

Associated Lab Samples: 258342001, 258342002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.020	07/12/11 17:32	
Cadmium, Dissolved	mg/L	ND	0.0050	07/12/11 17:32	
Lead, Dissolved	mg/L	ND	0.010	07/12/11 17:32	

LABORATORY CONTROL SAMPLE: 77398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.49	99	80-120	
Cadmium, Dissolved	mg/L	.5	0.51	103	80-120	
Lead, Dissolved	mg/L	.5	0.55	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77399 77400

Parameter	Units	258342001 Result	MS Spike Conc.	MSD Spike Conc.	77399		77400		% Rec Limits	Max RPD	Qual
					MS Result	MSD Result	MS % Rec	MSD % Rec			
Arsenic, Dissolved	mg/L	1.3	.5	.5	1.9	1.9	107	114	75-125	2	20
Cadmium, Dissolved	mg/L	0.0041J	.5	.5	0.56	0.55	111	110	75-125	.6	20
Lead, Dissolved	mg/L	0.022	.5	.5	0.59	0.56	113	108	75-125	4	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

QC Batch: MSV/4835

Analysis Method: EPA 5030B/8260

QC Batch Method: EPA 5030B/8260

Analysis Description: 8260 MSV Water 10 mL Purge

Associated Lab Samples: 258342001

METHOD BLANK: 76788

Matrix: Water

Associated Lab Samples: 258342001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	07/06/11 12:30	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/06/11 12:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	07/06/11 12:30	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/06/11 12:30	
1,1-Dichloroethane	ug/L	ND	1.0	07/06/11 12:30	
1,1-Dichloroethene	ug/L	ND	1.0	07/06/11 12:30	
1,1-Dichloropropene	ug/L	ND	1.0	07/06/11 12:30	
1,2,3-Trichlorobenzene	ug/L	0.52J	1.0	07/06/11 12:30	
1,2,3-Trichloropropane	ug/L	ND	1.0	07/06/11 12:30	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/06/11 12:30	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	07/06/11 12:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	07/06/11 12:30	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/06/11 12:30	
1,2-Dichlorobenzene	ug/L	0.050J	1.0	07/06/11 12:30	
1,2-Dichloroethane	ug/L	ND	1.0	07/06/11 12:30	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	07/06/11 12:30	
1,2-Dichloropropane	ug/L	ND	1.0	07/06/11 12:30	
1,3,5-Trimethylbenzene	ug/L	0.090J	1.0	07/06/11 12:30	
1,3-Dichlorobenzene	ug/L	0.044J	1.0	07/06/11 12:30	
1,3-Dichloropropane	ug/L	ND	1.0	07/06/11 12:30	
1,4-Dichlorobenzene	ug/L	0.051J	1.0	07/06/11 12:30	
2,2-Dichloropropane	ug/L	ND	1.0	07/06/11 12:30	
2-Butanone (MEK)	ug/L	ND	5.0	07/06/11 12:30	
2-Chlorotoluene	ug/L	ND	1.0	07/06/11 12:30	
2-Hexanone	ug/L	ND	5.0	07/06/11 12:30	
4-Chlorotoluene	ug/L	ND	1.0	07/06/11 12:30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/06/11 12:30	
Acetone	ug/L	ND	5.0	07/06/11 12:30	
Benzene	ug/L	ND	1.0	07/06/11 12:30	
Bromobenzene	ug/L	ND	1.0	07/06/11 12:30	
Bromochloromethane	ug/L	ND	1.0	07/06/11 12:30	
Bromodichloromethane	ug/L	ND	1.0	07/06/11 12:30	
Bromoform	ug/L	ND	1.0	07/06/11 12:30	
Bromomethane	ug/L	ND	1.0	07/06/11 12:30	
Carbon disulfide	ug/L	ND	1.0	07/06/11 12:30	
Carbon tetrachloride	ug/L	ND	1.0	07/06/11 12:30	
Chlorobenzene	ug/L	ND	1.0	07/06/11 12:30	
Chloroethane	ug/L	ND	1.0	07/06/11 12:30	
Chloroform	ug/L	ND	1.0	07/06/11 12:30	
Chloromethane	ug/L	ND	1.0	07/06/11 12:30	
cis-1,2-Dichloroethene	ug/L	ND	1.0	07/06/11 12:30	
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/06/11 12:30	
Dibromochloromethane	ug/L	ND	1.0	07/06/11 12:30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

METHOD BLANK: 76788

Matrix: Water

Associated Lab Samples: 258342001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	07/06/11 12:30	
Dichlorodifluoromethane	ug/L	ND	1.0	07/06/11 12:30	
Ethylbenzene	ug/L	ND	1.0	07/06/11 12:30	
Hexachloro-1,3-butadiene	ug/L	0.28J	1.0	07/06/11 12:30	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	07/06/11 12:30	
m&p-Xylene	ug/L	0.79J	2.0	07/06/11 12:30	
Methyl-tert-butyl ether	ug/L	ND	1.0	07/06/11 12:30	
Methylene chloride	ug/L	0.40J	4.0	07/06/11 12:30	
n-Butylbenzene	ug/L	0.11J	1.0	07/06/11 12:30	
n-Propylbenzene	ug/L	0.074J	1.0	07/06/11 12:30	
Naphthalene	ug/L	0.37J	1.0	07/06/11 12:30	
o-Xylene	ug/L	ND	1.0	07/06/11 12:30	
p-Isopropyltoluene	ug/L	0.068J	1.0	07/06/11 12:30	
sec-Butylbenzene	ug/L	ND	1.0	07/06/11 12:30	
Styrene	ug/L	ND	1.0	07/06/11 12:30	
tert-Butylbenzene	ug/L	ND	1.0	07/06/11 12:30	
Tetrachloroethene	ug/L	ND	1.0	07/06/11 12:30	
Toluene	ug/L	0.017J	1.0	07/06/11 12:30	
trans-1,2-Dichloroethene	ug/L	ND	1.0	07/06/11 12:30	
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/06/11 12:30	
Trichloroethene	ug/L	ND	1.0	07/06/11 12:30	
Trichlorofluoromethane	ug/L	ND	1.0	07/06/11 12:30	
Vinyl chloride	ug/L	ND	0.20	07/06/11 12:30	
Xylene (Total)	ug/L	0.81J	3.0	07/06/11 12:30	
1,2-Dichloroethane-d4 (S)	%	101	80-124	07/06/11 12:30	
4-Bromofluorobenzene (S)	%	97	80-120	07/06/11 12:30	
Dibromofluoromethane (S)	%	98	80-122	07/06/11 12:30	
Toluene-d8 (S)	%	96	80-123	07/06/11 12:30	

LABORATORY CONTROL SAMPLE: 76789

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.6	98	68-131	
1,1,1-Trichloroethane	ug/L	20	19.3	96	74-137	
1,1,2,2-Tetrachloroethane	ug/L	20	21.1	105	72-126	
1,1,2-Trichloroethane	ug/L	20	20.8	104	76-120	
1,1-Dichloroethane	ug/L	20	20.0	100	76-131	
1,1-Dichloroethene	ug/L	20	19.9	100	68-150	
1,1-Dichloropropene	ug/L	20	18.8	94	74-138	
1,2,3-Trichlorobenzene	ug/L	20	18.1	90	60-136	
1,2,3-Trichloropropane	ug/L	20	19.4	97	62-135	
1,2,4-Trichlorobenzene	ug/L	20	15.8	79	62-136	
1,2,4-Trimethylbenzene	ug/L	20	17.7	89	66-132	
1,2-Dibromo-3-chloropropane	ug/L	20	15.3	77	60-123	
1,2-Dibromoethane (EDB)	ug/L	20	20.5	103	73-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

LABORATORY CONTROL SAMPLE: 76789

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	18.2	91	75-122	
1,2-Dichloroethane	ug/L	20	21.7	109	78-125	
1,2-Dichloroethene (Total)	ug/L	40	41.4	104	77-136	
1,2-Dichloropropane	ug/L	20	21.7	108	76-121	
1,3,5-Trimethylbenzene	ug/L	20	17.4	87	69-130	
1,3-Dichlorobenzene	ug/L	20	18.2	91	75-122	
1,3-Dichloropropane	ug/L	20	20.7	103	77-120	
1,4-Dichlorobenzene	ug/L	20	18.0	90	78-120	
2,2-Dichloropropane	ug/L	20	19.2	96	46-168	
2-Butanone (MEK)	ug/L	40	57.2	143	55-146	
2-Chlorotoluene	ug/L	20	17.2	86	67-129	
2-Hexanone	ug/L	40	49.3	123	58-136	
4-Chlorotoluene	ug/L	20	18.8	94	75-126	
4-Methyl-2-pentanone (MIBK)	ug/L	40	44.5	111	62-137	
Acetone	ug/L	40	73.0	182	30-180	L3
Benzene	ug/L	20	20.4	102	76-127	
Bromobenzene	ug/L	20	18.4	92	74-120	
Bromochloromethane	ug/L	20	20.8	104	73-132	
Bromodichloromethane	ug/L	20	20.6	103	74-126	
Bromoform	ug/L	20	17.0	85	64-129	
Bromomethane	ug/L	20	14.5	73	40-164	
Carbon disulfide	ug/L	20	22.1	110	32-158	
Carbon tetrachloride	ug/L	20	20.4	102	68-142	
Chlorobenzene	ug/L	20	19.1	96	78-121	
Chloroethane	ug/L	20	17.4	87	58-151	
Chloroform	ug/L	20	20.4	102	80-125	
Chloromethane	ug/L	20	14.6	73	50-152	
cis-1,2-Dichloroethene	ug/L	20	21.1	106	80-135	
cis-1,3-Dichloropropene	ug/L	20	21.6	108	65-134	
Dibromochloromethane	ug/L	20	16.8	84	71-126	
Dibromomethane	ug/L	20	22.0	110	78-126	
Dichlorodifluoromethane	ug/L	20	9.7	48	18-180	
Ethylbenzene	ug/L	20	18.7	94	72-125	
Hexachloro-1,3-butadiene	ug/L	20	17.9	89	60-138	
Isopropylbenzene (Cumene)	ug/L	20	19.1	96	69-135	
m&p-Xylene	ug/L	40	32.1	80	73-126	
Methyl-tert-butyl ether	ug/L	20	20.6	103	58-145	
Methylene chloride	ug/L	20	22.0	110	65-144	
n-Butylbenzene	ug/L	20	17.7	89	66-132	
n-Propylbenzene	ug/L	20	17.7	89	69-131	
Naphthalene	ug/L	20	17.6	88	51-142	
o-Xylene	ug/L	20	18.4	92	73-123	
p-Isopropyltoluene	ug/L	20	18.1	90	67-133	
sec-Butylbenzene	ug/L	20	17.9	89	65-136	
Styrene	ug/L	20	20.4	102	72-128	
tert-Butylbenzene	ug/L	20	17.7	89	61-133	
Tetrachloroethene	ug/L	20	18.3	91	40-164	
Toluene	ug/L	20	18.0	90	69-125	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258342

LABORATORY CONTROL SAMPLE: 76789

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	20.3	102	73-139	
trans-1,3-Dichloropropene	ug/L	20	17.8	89	56-122	
Trichloroethene	ug/L	20	19.2	96	74-127	
Trichlorofluoromethane	ug/L	20	17.6	88	64-154	
Vinyl chloride	ug/L	20	15.1	76	57-147	
Xylene (Total)	ug/L	60	50.6	84	74-124	
1,2-Dichloroethane-d4 (S)	%			100	80-124	
4-Bromofluorobenzene (S)	%			98	80-120	
Dibromofluoromethane (S)	%			101	80-122	
Toluene-d8 (S)	%			95	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77042 77043

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		258342001 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.5	20.9	103	104	73-126	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	21.5	103	107	69-135	4	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.0	21.9	110	110	69-123	.2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.3	21.6	107	108	76-114	1	30
1,1-Dichloroethane	ug/L	ND	20	20	21.1	21.5	105	107	74-124	2	30
1,1-Dichloroethene	ug/L	ND	20	20	21.5	21.3	108	107	69-139	1	30
1,1-Dichloropropene	ug/L	ND	20	20	21.1	21.5	106	107	77-134	1	30
1,2,3-Trichlorobenzene	ug/L	0.094J	20	20	22.0	22.4	110	111	63-136	2	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20.3	19.9	102	100	66-118	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.2	18.6	91	93	68-129	2	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.8	19.7	109	99	72-126	10	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.0	16.9	85	85	64-124	.6	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.6	21.5	108	108	78-117	.5	30
1,2-Dichlorobenzene	ug/L	ND	20	20	19.1	19.6	95	98	74-118	3	30
1,2-Dichloroethane	ug/L	ND	20	20	22.3	22.7	112	113	73-127	2	30
1,2-Dichloroethene (Total)	ug/L	ND	40	40	43.3	44.5	108	111	60-140	3	30
1,2-Dichloropropane	ug/L	ND	20	20	22.9	23.5	115	118	72-126	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.3	18.9	96	94	68-129	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	19.2	19.4	96	97	73-119	1	30
1,3-Dichloropropane	ug/L	ND	20	20	21.2	21.6	106	108	74-119	2	30
1,4-Dichlorobenzene	ug/L	0.021J	20	20	18.8	18.7	94	94	73-115	.5	30
2,2-Dichloropropane	ug/L	ND	20	20	22.8	22.9	114	114	46-157	.4	30
2-Butanone (MEK)	ug/L	ND	40	40	45.9	46.1	115	115	65-138	.4	30
2-Chlorotoluene	ug/L	ND	20	20	18.4	18.3	92	92	68-122	.1	30
2-Hexanone	ug/L	ND	40	40	41.2	42.4	103	106	60-135	3	30
4-Chlorotoluene	ug/L	ND	20	20	19.9	20.3	99	102	70-122	2	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	46.1	46.4	115	116	70-135	.6	30
Acetone	ug/L	ND	40	40	42.4	38.8	106	97	58-146	9	30
Benzene	ug/L	ND	20	20	21.6	22.1	108	111	75-124	2	30
Bromobenzene	ug/L	ND	20	20	19.4	19.5	97	98	74-116	.4	30
Bromochloromethane	ug/L	ND	20	20	21.5	21.7	107	108	75-128	.9	30
Bromodichloromethane	ug/L	ND	20	20	21.2	21.9	106	110	77-126	3	30

Date: 04/18/2012 03:26 PM

REPORT OF LABORATORY ANALYSIS

Page 20 of 31

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77042												77043											
Parameter	Units	258342001		MS		MSD		MS		MSD		% Rec		Max		Qual							
		Result	Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	Limits	RPD	RPD												
Bromoform	ug/L	ND	20	20	15.6	16.6	78	83	61-131	6	30												
Bromomethane	ug/L	ND	20	20	12.0	14.7	60	74	58-139	20	30												
Carbon disulfide	ug/L	0.26J	20	20	23.5	25.2	116	125	39-122	7	30	M1											
Carbon tetrachloride	ug/L	ND	20	20	21.1	21.7	106	108	67-136	3	30												
Chlorobenzene	ug/L	ND	20	20	19.9	20.4	99	102	78-115	3	30												
Chloroethane	ug/L	ND	20	20	16.5	18.6	83	93	58-137	12	30												
Chloroform	ug/L	0.18J	20	20	21.2	21.8	105	108	75-124	3	30												
Chloromethane	ug/L	ND	20	20	11.0	11.5	55	58	50-129	4	30												
cis-1,2-Dichloroethene	ug/L	0.069J	20	20	22.0	22.6	109	113	78-126	3	30												
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.8	23.4	114	117	78-159	3	30												
Dibromochloromethane	ug/L	ND	20	20	16.4	17.0	82	85	81-125	4	30												
Dibromomethane	ug/L	ND	20	20	22.6	22.9	113	114	75-124	1	30												
Dichlorodifluoromethane	ug/L	ND	20	20	7.6	7.5	38	37	30-140	2	30												
Ethylbenzene	ug/L	ND	20	20	20.0	20.1	100	101	76-124	.8	30												
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.1	20.2	95	100	55-132	5	30												
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.4	20.9	102	104	73-127	2	30												
m&p-Xylene	ug/L	0.75J	40	40	34.7	35.0	85	86	75-124	.8	30												
Methyl-tert-butyl ether	ug/L	ND	20	20	22.1	22.3	110	111	72-130	.7	30												
Methylene chloride	ug/L	0.27J	20	20	20.1	20.3	99	100	69-124	1	30												
n-Butylbenzene	ug/L	0.040J	20	20	19.6	19.7	98	98	65-131	.4	30												
n-Propylbenzene	ug/L	0.030J	20	20	19.5	19.3	97	97	69-129	.6	30												
Naphthalene	ug/L	0.092J	20	20	23.5	22.1	117	110	69-135	6	30												
o-Xylene	ug/L	ND	20	20	19.2	19.7	96	98	76-121	2	30												
p-Isopropyltoluene	ug/L	ND	20	20	19.2	19.4	96	97	69-133	1	30												
sec-Butylbenzene	ug/L	ND	20	20	19.1	19.3	96	96	67-132	.8	30												
Styrene	ug/L	ND	20	20	21.0	21.6	105	108	76-121	3	30												
tert-Butylbenzene	ug/L	ND	20	20	18.8	19.1	94	95	66-132	1	30												
Tetrachloroethene	ug/L	ND	20	20	20.2	20.4	101	102	70-127	.8	30												
Toluene	ug/L	0.032J	20	20	19.2	19.5	96	97	75-124	1	30												
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.4	21.9	107	109	72-129	2	30												
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.1	19.4	95	97	69-122	2	30												
Trichloroethene	ug/L	ND	20	20	20.4	20.9	102	104	78-124	2	30												
Trichlorofluoromethane	ug/L	ND	20	20	17.0	17.6	85	88	60-147	4	30												
Vinyl chloride	ug/L	ND	20	20	14.2	14.5	71	72	56-136	2	30												
Xylene (Total)	ug/L	0.75J	60	60	54.0	54.7	89	90	76-123	1	30												
1,2-Dichloroethane-d4 (S)	%						100	100	80-124														
4-Bromofluorobenzene (S)	%						98	97	80-120														
Dibromofluoromethane (S)	%						100	102	80-122														
Toluene-d8 (S)	%						94	95	80-123														

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

QC Batch: MSV/4860

Analysis Method: EPA 5030B/8260

QC Batch Method: EPA 5030B/8260

Analysis Description: 8260 MSV Water 10 mL Purge

Associated Lab Samples: 258342002, 258342003

METHOD BLANK: 77505

Matrix: Water

Associated Lab Samples: 258342002, 258342003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	07/13/11 11:34	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/13/11 11:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	07/13/11 11:34	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/13/11 11:34	
1,1-Dichloroethane	ug/L	ND	1.0	07/13/11 11:34	
1,1-Dichloroethene	ug/L	ND	1.0	07/13/11 11:34	
1,1-Dichloropropene	ug/L	ND	1.0	07/13/11 11:34	
1,2,3-Trichlorobenzene	ug/L	0.26J	1.0	07/13/11 11:34	
1,2,3-Trichloropropane	ug/L	ND	1.0	07/13/11 11:34	
1,2,4-Trichlorobenzene	ug/L	0.29J	1.0	07/13/11 11:34	
1,2,4-Trimethylbenzene	ug/L	0.24J	1.0	07/13/11 11:34	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	07/13/11 11:34	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/13/11 11:34	
1,2-Dichlorobenzene	ug/L	ND	1.0	07/13/11 11:34	
1,2-Dichloroethane	ug/L	ND	1.0	07/13/11 11:34	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	07/13/11 11:34	
1,2-Dichloropropane	ug/L	ND	1.0	07/13/11 11:34	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	07/13/11 11:34	
1,3-Dichlorobenzene	ug/L	ND	1.0	07/13/11 11:34	
1,3-Dichloropropane	ug/L	ND	1.0	07/13/11 11:34	
1,4-Dichlorobenzene	ug/L	ND	1.0	07/13/11 11:34	
2,2-Dichloropropane	ug/L	ND	1.0	07/13/11 11:34	
2-Butanone (MEK)	ug/L	ND	5.0	07/13/11 11:34	
2-Chlorotoluene	ug/L	ND	1.0	07/13/11 11:34	
2-Hexanone	ug/L	ND	5.0	07/13/11 11:34	
4-Chlorotoluene	ug/L	ND	1.0	07/13/11 11:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/13/11 11:34	
Acetone	ug/L	ND	5.0	07/13/11 11:34	
Benzene	ug/L	0.30J	1.0	07/13/11 11:34	
Bromobenzene	ug/L	ND	1.0	07/13/11 11:34	
Bromochloromethane	ug/L	ND	1.0	07/13/11 11:34	
Bromodichloromethane	ug/L	ND	1.0	07/13/11 11:34	
Bromoform	ug/L	ND	1.0	07/13/11 11:34	
Bromomethane	ug/L	ND	1.0	07/13/11 11:34	
Carbon disulfide	ug/L	ND	1.0	07/13/11 11:34	
Carbon tetrachloride	ug/L	ND	1.0	07/13/11 11:34	
Chlorobenzene	ug/L	ND	1.0	07/13/11 11:34	
Chloroethane	ug/L	ND	1.0	07/13/11 11:34	
Chloroform	ug/L	ND	1.0	07/13/11 11:34	
Chloromethane	ug/L	ND	1.0	07/13/11 11:34	
cis-1,2-Dichloroethene	ug/L	ND	1.0	07/13/11 11:34	
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/13/11 11:34	
Dibromochloromethane	ug/L	ND	1.0	07/13/11 11:34	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258342

METHOD BLANK: 77505 Matrix: Water

Associated Lab Samples: 258342002, 258342003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	07/13/11 11:34	
Dichlorodifluoromethane	ug/L	ND	1.0	07/13/11 11:34	
Ethylbenzene	ug/L	ND	1.0	07/13/11 11:34	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/13/11 11:34	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	07/13/11 11:34	
m&p-Xylene	ug/L	ND	2.0	07/13/11 11:34	
Methyl-tert-butyl ether	ug/L	ND	1.0	07/13/11 11:34	
Methylene chloride	ug/L	ND	5.0	07/13/11 11:34	
n-Butylbenzene	ug/L	0.23J	1.0	07/13/11 11:34	
n-Propylbenzene	ug/L	0.16J	1.0	07/13/11 11:34	
Naphthalene	ug/L	0.56J	1.0	07/13/11 11:34	
o-Xylene	ug/L	ND	1.0	07/13/11 11:34	
p-Isopropyltoluene	ug/L	0.10J	1.0	07/13/11 11:34	
sec-Butylbenzene	ug/L	ND	1.0	07/13/11 11:34	
Styrene	ug/L	ND	1.0	07/13/11 11:34	
tert-Butylbenzene	ug/L	ND	1.0	07/13/11 11:34	
Tetrachloroethene	ug/L	ND	1.0	07/13/11 11:34	
Toluene	ug/L	ND	1.0	07/13/11 11:34	
trans-1,2-Dichloroethene	ug/L	ND	1.0	07/13/11 11:34	
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/13/11 11:34	
Trichloroethene	ug/L	ND	1.0	07/13/11 11:34	
Trichlorofluoromethane	ug/L	ND	1.0	07/13/11 11:34	
Vinyl chloride	ug/L	ND	0.20	07/13/11 11:34	
Xylene (Total)	ug/L	ND	3.0	07/13/11 11:34	
1,2-Dichloroethane-d4 (S)	%	86	80-124	07/13/11 11:34	
4-Bromofluorobenzene (S)	%	102	80-120	07/13/11 11:34	
Dibromofluoromethane (S)	%	100	80-122	07/13/11 11:34	
Toluene-d8 (S)	%	101	80-123	07/13/11 11:34	

LABORATORY CONTROL SAMPLE: 77506

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.1	111	68-131	
1,1,1-Trichloroethane	ug/L	20	21.6	108	74-137	
1,1,2,2-Tetrachloroethane	ug/L	20	19.4	97	72-126	
1,1,2-Trichloroethane	ug/L	20	18.5	92	76-120	
1,1-Dichloroethane	ug/L	20	21.6	108	76-131	
1,1-Dichloroethene	ug/L	20	21.7	108	68-150	
1,1-Dichloropropene	ug/L	20	22.7	113	74-138	
1,2,3-Trichlorobenzene	ug/L	20	17.9	90	60-136	
1,2,3-Trichloropropane	ug/L	20	17.4	87	62-135	
1,2,4-Trichlorobenzene	ug/L	20	18.9	95	62-136	
1,2,4-Trimethylbenzene	ug/L	20	21.7	109	66-132	
1,2-Dibromo-3-chloropropane	ug/L	20	15.1	76	60-123	
1,2-Dibromoethane (EDB)	ug/L	20	18.5	92	73-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

LABORATORY CONTROL SAMPLE: 77506

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	20.6	103	75-122	
1,2-Dichloroethane	ug/L	20	18.0	90	78-125	
1,2-Dichloroethene (Total)	ug/L	40	44.6	111	77-136	
1,2-Dichloropropane	ug/L	20	20.6	103	76-121	
1,3,5-Trimethylbenzene	ug/L	20	21.3	107	69-130	
1,3-Dichlorobenzene	ug/L	20	21.9	109	75-122	
1,3-Dichloropropane	ug/L	20	18.1	90	77-120	
1,4-Dichlorobenzene	ug/L	20	21.2	106	78-120	
2,2-Dichloropropane	ug/L	20	23.1	116	46-168	
2-Butanone (MEK)	ug/L	40	34.3	86	55-146	
2-Chlorotoluene	ug/L	20	21.1	105	67-129	
2-Hexanone	ug/L	40	29.8	75	58-136	
4-Chlorotoluene	ug/L	20	22.9	114	75-126	
4-Methyl-2-pentanone (MIBK)	ug/L	40	25.7	64	62-137	
Acetone	ug/L	40	35.8	89	30-180	
Benzene	ug/L	20	21.4	107	76-127	
Bromobenzene	ug/L	20	22.1	111	74-120	
Bromochloromethane	ug/L	20	21.2	106	73-132	
Bromodichloromethane	ug/L	20	20.8	104	74-126	
Bromoform	ug/L	20	19.1	96	64-129	
Bromomethane	ug/L	20	18.9	94	40-164	
Carbon disulfide	ug/L	20	17.4	87	32-158	
Carbon tetrachloride	ug/L	20	24.1	120	68-142	
Chlorobenzene	ug/L	20	21.8	109	78-121	
Chloroethane	ug/L	20	17.3	87	58-151	
Chloroform	ug/L	20	21.5	108	80-125	
Chloromethane	ug/L	20	21.7	109	50-152	
cis-1,2-Dichloroethene	ug/L	20	22.6	113	80-135	
cis-1,3-Dichloropropene	ug/L	20	21.6	108	65-134	
Dibromochloromethane	ug/L	20	20.4	102	71-126	
Dibromomethane	ug/L	20	19.2	96	78-126	
Dichlorodifluoromethane	ug/L	20	25.3	127	18-180	
Ethylbenzene	ug/L	20	21.2	106	72-125	
Hexachloro-1,3-butadiene	ug/L	20	18.3	91	60-138	
Isopropylbenzene (Cumene)	ug/L	20	21.3	106	69-135	
m&p-Xylene	ug/L	40	43.3	108	73-126	
Methyl-tert-butyl ether	ug/L	20	17.8	89	58-145	
Methylene chloride	ug/L	20	16.0	80	65-144	
n-Butylbenzene	ug/L	20	19.6	98	66-132	
n-Propylbenzene	ug/L	20	21.6	108	69-131	
Naphthalene	ug/L	20	17.6	88	51-142	
o-Xylene	ug/L	20	21.2	106	73-123	
p-Isopropyltoluene	ug/L	20	21.2	106	67-133	
sec-Butylbenzene	ug/L	20	21.3	106	65-136	
Styrene	ug/L	20	20.9	104	72-128	
tert-Butylbenzene	ug/L	20	20.2	101	61-133	
Tetrachloroethene	ug/L	20	14.7	74	40-164	
Toluene	ug/L	20	20.7	104	69-125	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258342

LABORATORY CONTROL SAMPLE: 77506

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	22.0	110	73-139	
trans-1,3-Dichloropropene	ug/L	20	16.9	84	56-122	
Trichloroethene	ug/L	20	21.0	105	74-127	
Trichlorofluoromethane	ug/L	20	21.5	107	64-154	
Vinyl chloride	ug/L	20	20.7	103	57-147	
Xylene (Total)	ug/L	60	64.4	107	74-124	
1,2-Dichloroethane-d4 (S)	%			87	80-124	
4-Bromofluorobenzene (S)	%			99	80-120	
Dibromofluoromethane (S)	%			100	80-122	
Toluene-d8 (S)	%			100	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77886 77887

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		258489001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	23.9	23.3	119	117	73-126	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.4	23.4	122	117	69-135	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.1	19.7	100	99	69-123	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	19.1	97	96	76-114	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	24.0	23.3	120	117	74-124	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	23.2	23.5	116	118	69-139	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	25.3	24.7	127	123	77-134	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.2	18.3	91	92	63-136	.9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.9	18.0	90	90	66-118	.5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.9	19.8	99	98	68-129	1	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.8	22.8	118	113	72-126	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	15.9	16.1	79	80	64-124	1	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.3	19.2	97	96	78-117	.7	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.5	21.2	108	106	74-118	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.0	19.4	105	97	73-127	8	30	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	48.5	47.5	121	119	60-140	2	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.4	21.8	112	109	72-126	3	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.5	22.5	117	112	68-129	4	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.4	22.8	117	114	73-119	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.0	18.8	95	94	74-119	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.5	21.9	113	110	73-115	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	26.4	25.3	132	126	46-157	4	30	
2-Butanone (MEK)	ug/L	ND	40	40	26.4	26.2	66	66	65-138	.6	30	
2-Chlorotoluene	ug/L	ND	20	20	23.2	22.1	116	110	68-122	5	30	
2-Hexanone	ug/L	ND	40	40	23.8	24.0	59	60	60-135	1	30	M1
4-Chlorotoluene	ug/L	ND	20	20	24.7	23.8	123	119	70-122	3	30	M1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	26.5	26.9	66	67	70-135	1	30	M1
Acetone	ug/L	ND	40	40	17.3	17.7	43	44	58-146	2	30	M1
Benzene	ug/L	ND	20	20	85.7	34.8	427	173	75-124	85	30	D6,M1
Bromobenzene	ug/L	ND	20	20	23.4	22.7	117	114	74-116	3	30	M1
Bromochloromethane	ug/L	ND	20	20	22.6	22.4	113	112	75-128	.6	30	
Bromodichloromethane	ug/L	ND	20	20	21.9	21.4	109	107	77-126	2	30	

Date: 04/18/2012 03:26 PM

REPORT OF LABORATORY ANALYSIS

Page 25 of 31

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 77886												77887											
Parameter	Units	MS		MSD		MS		MSD		% Rec		Max		Qual									
		258489001	Spike	Spike	MS	MSD	MS	MSD	% Rec	% Rec	Limits	RPD	RPD										
Bromoform	ug/L	ND	20	20	19.3	19.4	97	97	61-131	.6	30												
Bromomethane	ug/L	ND	20	20	21.2	19.9	106	99	58-139	7	30												
Carbon disulfide	ug/L	ND	20	20	18.2	18.9	90	94	39-122	4	30												
Carbon tetrachloride	ug/L	ND	20	20	26.9	26.1	135	130	67-136	3	30												
Chlorobenzene	ug/L	ND	20	20	23.6	23.0	118	115	78-115	3	30	M1											
Chloroethane	ug/L	ND	20	20	19.0	17.6	95	88	58-137	8	30												
Chloroform	ug/L	ND	20	20	23.6	22.8	118	114	75-124	3	30												
Chloromethane	ug/L	ND	20	20	24.6	22.7	123	113	50-129	8	30												
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.5	24.1	122	120	78-126	2	30												
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.3	22.9	116	115	78-159	2	30												
Dibromochloromethane	ug/L	ND	20	20	20.8	20.7	104	104	81-125	.6	30												
Dibromomethane	ug/L	ND	20	20	19.9	20.0	100	100	75-124	.6	30												
Dichlorodifluoromethane	ug/L	ND	20	20	28.4	24.5	142	122	30-140	15	30	M1											
Ethylbenzene	ug/L	ND	20	20	24.9	23.1	125	116	76-124	7	30	M1											
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.9	19.5	100	97	55-132	2	30												
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.8	22.9	119	115	73-127	4	30												
m&p-Xylene	ug/L	ND	40	40	48.4	46.2	121	115	75-124	5	30												
Methyl-tert-butyl ether	ug/L	ND	20	20	19.4	18.8	97	94	72-130	3	30												
Methylene chloride	ug/L	ND	20	20	16.6	16.3	83	81	69-124	2	30												
n-Butylbenzene	ug/L	ND	20	20	21.9	21.1	109	106	65-131	3	30												
n-Propylbenzene	ug/L	ND	20	20	25.1	23.6	126	118	69-129	6	30												
Naphthalene	ug/L	ND	20	20	24.4	19.9	120	98	69-135	20	30												
o-Xylene	ug/L	ND	20	20	23.3	22.6	117	113	76-121	3	30												
p-Isopropyltoluene	ug/L	ND	20	20	23.3	22.8	117	114	69-133	2	30												
sec-Butylbenzene	ug/L	ND	20	20	23.5	22.7	118	113	67-132	4	30												
Styrene	ug/L	ND	20	20	22.7	21.8	114	109	76-121	4	30												
tert-Butylbenzene	ug/L	ND	20	20	22.3	21.5	112	107	66-132	4	30												
Tetrachloroethene	ug/L	ND	20	20	16.5	15.9	82	80	70-127	3	30												
Toluene	ug/L	ND	20	20	24.6	22.6	122	112	75-124	8	30												
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.0	23.4	120	117	72-129	2	30												
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.0	17.8	90	89	69-122	.9	30												
Trichloroethene	ug/L	ND	20	20	23.1	22.8	116	114	78-124	2	30												
Trichlorofluoromethane	ug/L	ND	20	20	23.3	22.6	117	113	60-147	3	30												
Vinyl chloride	ug/L	ND	20	20	22.4	21.0	112	105	56-136	6	30												
Xylene (Total)	ug/L	ND	60	60	71.8	68.8	119	114	76-123	4	30												
1,2-Dichloroethane-d4 (S)	%						86	86	80-124														
4-Bromofluorobenzene (S)	%						99	98	80-120														
Dibromofluoromethane (S)	%						99	99	80-122														
Toluene-d8 (S)	%						101	100	80-123														

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258342

QC Batch: MSV/4833 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx MSV Water
Associated Lab Samples: 258342001, 258342002, 258342003

METHOD BLANK: 76761 Matrix: Water
Associated Lab Samples: 258342001, 258342002, 258342003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	13.6J	50.0	07/06/11 12:30	
4-Bromofluorobenzene (S)	%	97	50-150	07/06/11 12:30	

LABORATORY CONTROL SAMPLE: 76762

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	531	106	50-163	
4-Bromofluorobenzene (S)	%			96	50-150	

SAMPLE DUPLICATE: 78014

Parameter	Units	258342002 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	ug/L	58.9	32.5J		30	
4-Bromofluorobenzene (S)	%	96	95	.7		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

QC Batch: OEXT/3974

Analysis Method: EPA 8270

QC Batch Method: EPA 3510

Analysis Description: 8270 Water MSSV

Associated Lab Samples: 258342001, 258342002

METHOD BLANK: 76688

Matrix: Water

Associated Lab Samples: 258342001, 258342002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	5.0	07/05/11 17:17	
2,4,6-Tribromophenol (S)	%	81	39-123	07/05/11 17:17	
2-Fluorobiphenyl (S)	%	54	34-109	07/05/11 17:17	
2-Fluorophenol (S)	%	40	11-105	07/05/11 17:17	
Nitrobenzene-d5 (S)	%	59	37-141	07/05/11 17:17	
Phenol-d6 (S)	%	25	10-105	07/05/11 17:17	
Terphenyl-d14 (S)	%	89	45-130	07/05/11 17:17	

LABORATORY CONTROL SAMPLE: 76689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	40	19.8	49	44-119	
2,4,6-Tribromophenol (S)	%			85	39-123	
2-Fluorobiphenyl (S)	%			59	34-109	
2-Fluorophenol (S)	%			40	11-105	
Nitrobenzene-d5 (S)	%			62	37-141	
Phenol-d6 (S)	%			26	10-105	
Terphenyl-d14 (S)	%			86	45-130	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258342

QC Batch: OEXT/3978

Analysis Method: NWTPH-Dx

QC Batch Method: EPA 3510

Analysis Description: NWTPH-Dx GCS SG

Associated Lab Samples: 258342001, 258342002

METHOD BLANK: 76801

Matrix: Water

Associated Lab Samples: 258342001, 258342002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	ND	0.080	07/06/11 17:39	
Motor Oil Range SG	mg/L	ND	0.40	07/06/11 17:39	
n-Octacosane (S) SG	%	104	50-150	07/06/11 17:39	
o-Terphenyl (S) SG	%	99	50-150	07/06/11 17:39	

LABORATORY CONTROL SAMPLE: 76802

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/L	5	5.2	104	51-147	
Motor Oil Range SG	mg/L	5	5.4	108	20-160	
n-Octacosane (S) SG	%			105	50-150	
o-Terphenyl (S) SG	%			99	50-150	

QUALIFIERS

Project: Superlon

Pace Project No.: 258342

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSSV/1682

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: GCSV/2672

[1] A duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258342

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258342001	SUP-MW-6	EPA 3510	OEXT/3978	NWTPH-Dx	GCSV/2672
258342002	SUP-MW-7	EPA 3510	OEXT/3978	NWTPH-Dx	GCSV/2672
258342001	SUP-MW-6	EPA 3010	MPRP/2328	EPA 6010	ICP/2225
258342002	SUP-MW-7	EPA 3010	MPRP/2328	EPA 6010	ICP/2225
258342001	SUP-MW-6	EPA 3010	MPRP/2329	EPA 6010	ICP/2226
258342002	SUP-MW-7	EPA 3010	MPRP/2329	EPA 6010	ICP/2226
258342001	SUP-MW-6	EPA 7470	MERP/1469	EPA 7470	MERC/1483
258342002	SUP-MW-7	EPA 7470	MERP/1469	EPA 7470	MERC/1483
258342001	SUP-MW-6	EPA 7470	MERP/1472	EPA 7470	MERC/1486
258342002	SUP-MW-7	EPA 7470	MERP/1472	EPA 7470	MERC/1486
258342001	SUP-MW-6	EPA 3510	OEXT/3974	EPA 8270	MSSV/1682
258342002	SUP-MW-7	EPA 3510	OEXT/3974	EPA 8270	MSSV/1682
258342001	SUP-MW-6	EPA 5030B/8260	MSV/4835		
258342002	SUP-MW-7	EPA 5030B/8260	MSV/4860		
258342003	Trip Blank	EPA 5030B/8260	MSV/4860		
258342001	SUP-MW-6	NWTPH-Gx	MSV/4833		
258342002	SUP-MW-7	NWTPH-Gx	MSV/4833		
258342003	Trip Blank	NWTPH-Gx	MSV/4833		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258699
Sample Date(s): August 1, 2011

This review summarizes the data quality of analytical results generated in support of the August 1, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258699.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258699



Delivery Group Summary

Forty soil samples, one soil field duplicate, and one soil trip blank were collected by Pacific Environmental Redevelopment Corporation on August 1, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for metals (arsenic, cadmium, and lead), semivolatle organic compounds (pentachlorophenol only) and volatile organic compounds (VOCs) by methods 6010, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Metal results by method 6010 have 58.5% of the results qualified.
- Pentachlorophenol results by method 8270 have 9.8% of the results qualified.
- VOC results by method 8260 have 13.7% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 40 Samples (1 Duplicate)	Groundwater= 0 Samples	Trip Blank (Soil)= 1 Sample	Trip Blank (Groundwater)= 0 Samples
6010 Metals (As, Pb, Cd)		8260 VOCs	
8270 Pentachlorophenol Only			
8260 VOCs			

Representativeness

Holding Time:

Criteria Used to Qualify Data Associated with Holding Times:

- 1) Due to limited information concerning holding times for soil samples, it is left to the discretion of the reviewer to apply water holding time criteria to soil samples.
- 2) If holding times exceed:
 - a. Positive results are flagged as estimated (J).
 - b. Negative results are flagged with the sample quantitation limit as estimated (UJ).
- 3) If holding times grossly exceed upon first analysis or re-analysis:
 - a. Positive results are flagged as estimated (J or UJ).
 - b. Negative results are flagged as unusable (R).

Action: The following sample results exceeded holding times. No action was taken based on the evaluation of holding times.



Field ID	Lab ID	Analytes/Methods	Date Collected	Date Prepared	Date Analyzed	HT	Number of Days Past HT	Comment
SUP_SL_45 6-8	258699020	8260	8/1/11	8/15/11	8/16/11	14 days	1	Very slight exceedances of holding time. Results were not qualified.

Accuracy

Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes/M methods Associated with Surrogate	Comment
SUP_SL_45 4-6	258699019	2,4,6-Tribromophenol	2	26-135	Low	Semivolatile Acid Surrogate	8270 Pentachloro phenol	Qualified based on criteria 4c.
		Dibromofluoromethane	32	72-129	Low	Volatile Surrogate	8260 VOCs	Qualified based on criteria 2b and 2c. Results for 1,2-dichloroethene [total], tetrachloroethene, trichloroethene, vinyl chloride, and cis-1,2-dichloroethene were not qualified based on this QC data.
SUP_SL_45 6-8	258699020	2,4,6-Tribromophenol	0.7	26-135	Low	Semivolatile Acid	8270 Pentachloro	Qualified based on criteria 4c.



						Surrogate	phenol	
		Dibromofluoromethane	67	72-129	Low	Volatile Surrogate	8260 VOCs	Qualified based on criteria 2b and 2c. Results for 1,2-dichloroethene [total], tetrachloroethene, trichloroethene, vinyl chloride, hexachloro-1,3-butadiene and cis-1,2-dichloroethene were not qualified based on this QC data.
SUP_SL_47 4-6	258699036	2,4,6-Tribromophenol	0	26-135	Low	Semivolatile Acid Surrogate	8270 Pentachloro phenol	Qualified based on criteria 4c.
		Dibromofluoromethane	32	72-129	Low	Volatile Surrogate	8260 VOCs	Qualified based on criteria 2b and 2c. Results for 1,2-dichloroethene [total], tetrachloroethene, trichloroethene, hexachloro-1,3-butadiene, and cis-1,2-dichloroethene were not qualified based on this QC data.
SUP_SL_47 6-8	258699037	2,4,6-Tribromophenol	2	26-135	Low	Semivolatile Acid Surrogate	8270 Pentachloro phenol	Qualified based on criteria 4c.
		Dibromofluoromethane	27	72-129	Low	Volatile Surrogate	8260 VOCs	Qualified based on criteria 2b and 2c. Results for 1,2-dichloroethene [total], tetrachloroethene, trichloroethene, hexachloro-1,3-butadiene, and cis-1,2-dichloroethene were not qualified based on this QC data.

Representativeness

Blanks:
 As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20. Multiple coolers were used to transport the samples but some of them did not contain trip blanks. There is also no documentation on which cooler contained the trip blank, therefore the trip blank detects are listed below but were not used to qualify sample results.



The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
258699042	Trip Blank			Carbon disulfide	0.58 J	ug/kg
				Tetrachloroethene	0.54 J	ug/kg
				Toluene	0.26 J	ug/kg
				Trichloroethene	0.24 J	ug/kg
				cis-1,2-Dichloroethene	0.24 J	ug/kg
80489	Method Blank	SUP_SL_43 1-2	258699001	Cadmium	0.021 J	mg/kg
		SUP_SL_43 2-4	258699002	Lead	0.12 J	mg/kg
		SUP_SL_43 4-6	258699003			
		SUP_SL_43 6-8	258699004			
		SUP_SL_43 8-10	258699005			
		SUP_SL_43 10-12	258699006			
		SUP_SL_43 12-14	258699007			
		SUP_SL_43 14-16	258699008			
		SUP_SL_44 1-2	258699009			
		SUP_SL_44 2-4	258699010			
		SUP_SL_44 4-6	258699011			
		SUP_SL_44 6-8	258699012			
		SUP_SL_44 8-10	258699013			
		SUP_SL_44 10-12	258699014			
		SUP_SL_44 12-14	258699015			
		SUP_SL_44 14-16	258699016			
		SUP_SL_45 1-2	258699017			
		SUP_SL_45 2-4	258699018			
		SUP_SL_45 4-6	258699019			
		SUP_SL_45 6-8	258699020			
80493	Method Blank	SUP_SL_45 8-10	258699021	Arsenic	0.52 J	mg/kg
		SUP_SL_45 10-12	258699022	Cadmium	0.018 J	mg/kg
		SUP_SL_45 12-14	258699023			
		SUP_SL_45 14-16	258699024			
		SUP_SL_46 1-2	258699025			
		SUP_SL_46 2-4	258699026			
		SUP_SL_46 4-6	258699027			
		SUP_SL_46 6-8	258699028			
		SUP_SL_46 8-10	258699029			
		SUP_SL_46 10-12	258699030			
		SUP_SL_46 12-14	258699031			
		SUP_SL_46 14-16	258699032			
		SUP_SL_46_DUP	258699033			
		SUP_SL_47 1-2	258699034			
		SUP_SL_47 2-4	258699035			
		SUP_SL_47 4-6	258699036			
		SUP_SL_47 6-8	258699037			
		SUP_SL_47 8-10	258699038			
		SUP_SL_47 10-12	258699039			
		SUP_SL_47 12-14	258699040			
80139	Method Blank	SUP_SL_43 1-2	258699001	1,2,3-Trichlorobenzene	0.74 J	ug/kg
		SUP_SL_43 2-4	258699002	1,2,4-Trichlorobenzene	0.75 J	ug/kg
		SUP_SL_43 4-6	258699003	1,2,4-Trimethylbenzene	0.63 J	ug/kg



		SUP_SL_43 6-8 SUP_SL_43 8-10 SUP_SL_43 10-12	258699004 258699005 258699006	1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 4-Chlorotoluene Acetone Chlorobenzene Hexachloro-1,3-butadiene m&p-Xylene Methylene chloride n-Butylbenzene n-Propylbenzene p-Isopropyltoluene Toluene Xylene (Total)	0.37 J 0.32 J 0.60 J 0.32 J 3.7 J 0.21 J 0.41 J 0.81 J 4.6 J 0.74 J 0.44 J 0.77 J 0.38 J 1.1 J	ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg
80645	Method Blank	SUP_SL_43 14-16 SUP_SL_44 1-2 SUP_SL_44 2-4 SUP_SL_44 4-6 SUP_SL_44 6-8 SUP_SL_44 8-10 SUP_SL_44 10-12 SUP_SL_44 12-14 SUP_SL_44 14-16 SUP_SL_45 1-2 SUP_SL_45 2-4 SUP_SL_45 4-6 SUP_SL_45 6-8 SUP_SL_45 8-10 SUP_SL_45 10-12 SUP_SL_45 12-14	258699008 258699009 258699010 258699011 258699012 258699013 258699014 258699015 258699016 258699017 258699018 258699019 258699020 258699021 258699022 258699023	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Acetone Benzene Bromobenzene Methylene chloride n-Butylbenzene p-Isopropyltoluene Toluene Xylene (Total)	0.72 J 0.72 J 0.34 J 0.35 J 0.46 J 3.9 J 0.15 J 0.26 J 3.7 J 0.47 J 0.51 J 0.41 J 0.82 J	ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg
80789	Method Blank	SUP_SL_43 12-14 SUP_SL_46 6-8 SUP_SL_46 8-10 SUP_SL_46 10-12 SUP_SL_46 12-14 SUP_SL_46 14-16 SUP_SL_46_DUP SUP_SL_47 1-2 SUP_SL_47 4-6 SUP_SL_47 6-8 SUP_SL_47 8-10 SUP_SL_47 10-12	258699007 258699028 258699029 258699030 258699031 258699032 258699033 258699034 258699036 258699037 258699038 258699039	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Benzene Carbon disulfide Tetrachloroethene	0.69 J 0.67 J 0.27 J 0.29 J 0.35 J 0.18 J 0.61 J 1.2 J	ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg
80837	Method Blank	SUP_SL_45 14-16 SUP_SL_46 1-2 SUP_SL_46 2-4 SUP_SL_46 4-6	258699024 258699025 258699026 258699027	1,2,4-Trichlorobenzene Acetone Benzene Carbon disulfide Tetrachloroethene	0.60 J 5.7 J 0.19 J 0.76 J 0.56 J	ug/kg ug/kg ug/kg ug/kg ug/kg
81603	Method Blank	SUP_SL_47 2-4 SUP_SL_47 12-14 SUP_SL_47 14-16	258699035 258699040 258699041	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene Naphthalene	0.64 J 0.56 J 0.31 J 0.79 J 1.1 J	ug/kg ug/kg ug/kg ug/kg ug/kg



				p-Isopropyltoluene	0.49 J	ug/kg
				sec-Butylbenzene	0.65 J	ug/kg
				Xylene (Total)	0.75 J	ug/kg

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	1,2,3-Trichlorobenzene		
SUP_SL_43 14-16	258699008	80645	Method Blank. Qualified based on criteria 4.
Analyte:	1,2,4-Trichlorobenzene		
SUP_SL_43 12-14	258699007	80789	Method Blank. Qualified based on criteria 4.
SUP_SL_47 4-6	258699036		
SUP_SL_43 14-16	258699008	80645	Method Blank. Qualified based on criteria 4.
SUP_SL_44 1-2	258699009		
SUP_SL_45 4-6	258699019		
SUP_SL_45 6-8	258699020		
Analyte:	1,2-Dichlorobenzene		
SUP_SL_45 6-8	258699020	80645	Method Blank. Qualified based on criteria 4.
SUP_SL_45 8-10	258699021		
SUP_SL_47 4-6	258699036	80789	Method Blank. Qualified based on criteria 4.
SUP_SL_47 6-8	258699037		
SUP_SL_47 8-10	258699038		
Analyte:	1,3-Dichlorobenzene		
SUP_SL_45 4-6	258699019	80645	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_45 6-8	258699020		
SUP_SL_45 10-12	258699022		
SUP_SL_47 4-6	258699036	80789	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_47 6-8	258699037		
SUP_SL_47 8-10	258699038		



Analyte:	1,4-Dichlorobenzene		
SUP_SL_45 4-6	258699019	80645	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_45 6-8	258699020		
SUP_SL_45 8-10	258699021		
SUP_SL_45 10-12	258699022		
SUP_SL_47 4-6	258699036	80789	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_47 6-8	258699037		
SUP_SL_47 8-10	258699038		
Analyte:	Acetone		
SUP_SL_43 1-2	258699001	80139	Method Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives due to vial contamination from the manufacturer.
SUP_SL_43 2-4	258699002		
SUP_SL_43 4-6	258699003		
SUP_SL_43 6-8	258699004		
SUP_SL_43 8-10	258699005		
SUP_SL_43 10-12	258699006		
SUP_SL_43 14-16	258699008	80645	Method Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives due to vial contamination from the manufacturer.
SUP_SL_44 1-2	258699009		
SUP_SL_44 2-4	258699010		
SUP_SL_44 4-6	258699011		
SUP_SL_44 6-8	258699012		
SUP_SL_44 8-10	258699013		
SUP_SL_44 10-12	258699014		
SUP_SL_44 12-14	258699015		
SUP_SL_44 14-16	258699016		
SUP_SL_45 1-2	258699017		
SUP_SL_45 2-4	258699018		
SUP_SL_45 4-6	258699019		
SUP_SL_45 6-8	258699020		
SUP_SL_45 8-10	258699021		
SUP_SL_45 10-12	258699022		
SUP_SL_45 12-14	258699023		
SUP_SL_45 14-16	258699024	80837	Method Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives due to vial contamination from the manufacturer.
SUP_SL_46 1-2	258699025		
SUP_SL_46 2-4	258699026		
SUP_SL_46 4-6	258699027		



Analyte:	Arsenic		
SUP_SL_45 8-10	258699021	80493	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_45 10-12	258699022		
SUP_SL_45 12-14	258699023		
SUP_SL_45 14-16	258699024		
SUP_SL_46 1-2	258699025		
SUP_SL_46 2-4	258699026		
SUP_SL_46 4-6	258699027		
SUP_SL_46 6-8	258699028		
SUP_SL_46 8-10	258699029		
SUP_SL_46 10-12	258699030		
SUP_SL_46 12-14	258699031		
SUP_SL_46 14-16	258699032		
SUP_SL_46_DUP	258699033		
SUP_SL_47 1-2	258699034		
SUP_SL_47 2-4	258699035		
SUP_SL_47 4-6	258699036		
SUP_SL_47 6-8	258699037		
SUP_SL_47 8-10	258699038		
SUP_SL_47 10-12	258699039		
SUP_SL_47 12-14	258699040		
Analyte:	Benzene		
SUP_SL_43 14-16	258699008	80645	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_44 1-2	258699009		
SUP_SL_44 2-4	258699010		
SUP_SL_44 4-6	258699011		
SUP_SL_44 6-8	258699012		
SUP_SL_44 8-10	258699013		
SUP_SL_44 10-12	258699014		
SUP_SL_44 12-14	258699015		
SUP_SL_44 14-16	258699016		
SUP_SL_45 1-2	258699017		
SUP_SL_45 4-6	258699019		
SUP_SL_45 6-8	258699020		
SUP_SL_45 8-10	258699021		
SUP_SL_45 10-12	258699022		
SUP_SL_45 12-14	258699023		
SUP_SL_45 14-16	258699024	80837	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_46 1-2	258699025		
SUP_SL_46 2-4	258699026		
SUP_SL_46 4-6	258699027		
SUP_SL_43 12-14	258699007	80789	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_46 6-8	258699028		
SUP_SL_46 8-10	258699029		
SUP_SL_46 10-12	258699030		
SUP_SL_46 12-14	258699031		
SUP_SL_46 14-16	258699032		
SUP_SL_46_DUP	258699033		
SUP_SL_47 1-2	258699034		
SUP_SL_47 4-6	258699036		
SUP_SL_47 6-8	258699037		
SUP_SL_47 8-10	258699038		



SUP_SL_47 10-12	258699039		
Analyte:	Cadmium		
SUP_SL_43 1-2	258699001	80489	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_43 2-4	258699002		
SUP_SL_43 6-8	258699004		
SUP_SL_43 8-10	258699005		
SUP_SL_43 10-12	258699006		
SUP_SL_44 2-4	258699010		
SUP_SL_44 4-6	258699011		
SUP_SL_44 6-8	258699012		
SUP_SL_44 8-10	258699013		
SUP_SL_44 10-12	258699014		
SUP_SL_44 12-14	258699015		
SUP_SL_44 14-16	258699016		
SUP_SL_45 1-2	258699017		
SUP_SL_45 2-4	258699018		
SUP_SL_45 4-6	258699019		
SUP_SL_45 6-8	258699020		
SUP_SL_45 8-10	258699021	80493	
SUP_SL_45 10-12	258699022		
SUP_SL_45 14-16	258699024		
SUP_SL_46 1-2	258699025		
SUP_SL_46 2-4	258699026		
SUP_SL_46 4-6	258699027		
SUP_SL_46 6-8	258699028		
SUP_SL_46 8-10	258699029		
SUP_SL_46 10-12	258699030		
SUP_SL_46 12-14	258699031		
SUP_SL_46 14-16	258699032		
SUP_SL_46_DUP	258699033		
SUP_SL_47 2-4	258699035		
SUP_SL_47 4-6	258699036		
SUP_SL_47 6-8	258699037		
SUP_SL_47 8-10	258699038		
Analyte:	Carbon disulfide		
SUP_SL_45 14-16	258699024	80837	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_46 1-2	258699025		
SUP_SL_46 2-4	258699026		
SUP_SL_46 4-6	258699027		
SUP_SL_43 12-14	258699007	80789	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_46 6-8	258699028		
SUP_SL_46 8-10	258699029		
SUP_SL_46 10-12	258699030		
SUP_SL_46 12-14	258699031		
SUP_SL_46 14-16	258699032		
SUP_SL_46_DUP	258699033		
SUP_SL_47 1-2	258699034		
SUP_SL_47 4-6	258699036		
SUP_SL_47 6-8	258699037		
SUP_SL_47 8-10	258699038		
SUP_SL_47 10-12	258699039		



Analyte:	Lead		
SUP_SL_43 1-2	258699001	80489	Method Blank. Qualified based on criteria 6.
SUP_SL_43 2-4	258699002		
SUP_SL_43 4-6	258699003		
SUP_SL_43 6-8	258699004		
SUP_SL_43 8-10	258699005		
SUP_SL_43 10-12	258699006		
SUP_SL_43 12-14	258699007		
SUP_SL_43 14-16	258699008		
SUP_SL_44 1-2	258699009		
SUP_SL_44 2-4	258699010		
SUP_SL_44 4-6	258699011		
SUP_SL_44 6-8	258699012		
SUP_SL_44 8-10	258699013		
SUP_SL_44 10-12	258699014		
SUP_SL_44 12-14	258699015		
SUP_SL_44 14-16	258699016		
SUP_SL_45 1-2	258699017		
SUP_SL_45 2-4	258699018		
SUP_SL_45 4-6	258699019		
SUP_SL_45 6-8	258699020		
Analyte:	m&p-Xylene		
SUP_SL_43 1-2	258699001	80139	Method Blank. Qualified based on criteria 6.
Analyte:	Methylene chloride		
SUP_SL_45 12-14	258699023	80645	Method Blank. Qualified based on criteria 4.
Analyte:	Naphthalene		
SUP_SL_47 2-4	258699035	81603	Method Blank. Qualified based on criteria 6.
SUP_SL_47 12-14	258699040		
SUP_SL_47 14-16	258699041		
Analyte:	p-Isopropyltoluene		
SUP_SL_45 6-8	258699020	80645	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_45 8-10	258699021		
SUP_SL_47 2-4	258699035	81603	Method Blank. Qualified based on criteria 4.
SUP_SL_47 12-14	258699040		
Analyte:	Tetrachloroethene		
SUP_SL_45 14-16	258699024	80837	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_46 1-2	258699025		
SUP_SL_46 2-4	258699026		
SUP_SL_46 4-6	258699027		
SUP_SL_43 12-14	258699007	80789	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_46 6-8	258699028		
SUP_SL_46 8-10	258699029		
SUP_SL_46 10-12	258699030		
SUP_SL_46 12-14	258699031		
SUP_SL_46 14-16	258699032		
SUP_SL_46_DUP	258699033		
SUP_SL_47 1-2	258699034		
SUP_SL_47 10-12	258699039		
Analyte:	Toluene		
SUP_SL_43 1-2	258699001	80139	Method Blank. Qualified based on criteria 4.
SUP_SL_43 10-12	258699006		



SUP_SL_44 4-6	258699011	80645	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_44 6-8	258699012		
SUP_SL_45 1-2	258699017		
SUP_SL_45 4-6	258699019		
SUP_SL_45 6-8	258699020		
SUP_SL_45 8-10	258699021		
SUP_SL_45 10-12	258699022		
SUP_SL_45 12-14	258699023		
Analyte:	Xylene (Total)		
SUP_SL_43 1-2	258699001	80139	Method Blank. Qualified based on criteria 6.
SUP_SL_45 4-6	258699019	80645	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_45 6-8	258699020		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one per 10 samples for method 8270 and one per 20 samples for method 8260. Method 8260 did not have a MS/MSD prepared and analyzed. Method 6010 had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_43 1-2	258699001	80491	Arsenic	336/1320	75-125	46	20	High	Results were not qualified based on criteria 2a.
SUP_SL_43 2-4	258699002								
SUP_SL_43 4-6	258699003		Cadmium	129/181	75-125	30	20	High	Qualified based on criteria 2b and 2c. Samples 258699017, 258699018, 258699019, and 258699020 were not qualified since these samples were located
SUP_SL_43 6-8	258699004								
SUP_SL_43 8-10	258699005								
SUP_SL_43 10-12	258699006								
SUP_SL_43 12-14	258699007								
SUP_SL_43 14-16	258699008								
SUP_SL_44 1-2	258699009								
SUP_SL_44 2-4	258699010								
SUP_SL_44 4-6	258699011								
SUP_SL_44 6-8	258699012								
SUP_SL_44 8-10	258699013								
SUP_SL_44 10-12	258699014								



SUP_SL_44 12-14	258699015								within/near the occi-sludge area and the sample spiked (258699001) is not representative of the soil lithology for these sample.
SUP_SL_44 14-16	258699016								
SUP_SL_45 1-2	258699017								
SUP_SL_45 2-4	258699018								
SUP_SL_45 4-6	258699019								
SUP_SL_45 6-8	258699020								
			Lead	341/1300	75-125	42	20	High	Results were not qualified based on criteria 2a.
SUP_SL_45 8-10	258699021	80495	Arsenic	-476/-319	75-125	6	20	Low	Results were not qualified based on criteria 2a.
SUP_SL_45 10-12	258699022								
SUP_SL_45 12-14	258699023								
SUP_SL_45 14-16	258699024								
SUP_SL_46 1-2	258699025								
SUP_SL_46 2-4	258699026								
SUP_SL_46 4-6	258699027								
SUP_SL_46 6-8	258699028								
SUP_SL_46 8-10	258699029								
SUP_SL_46 10-12	258699030								
SUP_SL_46 12-14	258699031								
SUP_SL_46 14-16	258699032								
SUP_SL_46_DUP	258699033								
SUP_SL_47 1-2	258699034								
SUP_SL_47 2-4	258699035								
SUP_SL_47 4-6	258699036								
SUP_SL_47 6-8	258699037								
SUP_SL_47 8-10	258699038								
SUP_SL_47 10-12	258699039								
SUP_SL_47 12-14	258699040								
SUP_SL_46 8-10	258699029	81896	cis-1,2-Dichloroethene	101/132	70-120	26	30	High	Results not qualified based on 1a.
SUP_SL_46_DUP	258699033								
SUP_SL_47 4-6	258699036								
SUP_SL_47 6-8	258699037								
SUP_SL_46_DUP	258699033	81896	Vinyl chloride	128/139	80-112	9	28	High	Results not qualified based on 1a.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 6010 and one per 10 samples for method 8270. Method 8260 had LCS/LCSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the



associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_46_DUP	258699033	81892	Vinyl chloride	128	80-112			High	Qualified based on criteria 1a.
SUP_SL_43 1-2 SUP_SL_43 2-4 SUP_SL_43 4-6 SUP_SL_43 6-8 SUP_SL_43 8-10 SUP_SL_43 10-12	258699001 258699002 258699003 258699004 258699005 258699006	80140	Acetone	154/164	40-160	7	30	High	Qualified based on criteria 1a.
SUP_SL_43 14-16 SUP_SL_44 1-2 SUP_SL_44 2-4 SUP_SL_44 4-6 SUP_SL_44 6-8 SUP_SL_44 8-10 SUP_SL_44 10-12 SUP_SL_44 12-14 SUP_SL_44 14-16 SUP_SL_45 1-2 SUP_SL_45 2-4 SUP_SL_45 4-6 SUP_SL_45 6-8 SUP_SL_45 8-10 SUP_SL_45 10-12 SUP_SL_45 12-14	258699008 258699009 258699010 258699011 258699012 258699013 258699014 258699015 258699016 258699017 258699018 258699019 258699020 258699021 258699022 258699023	80646	Vinyl chloride	76/77	80-112	1	29	Low	Based on the criteria above, results were not qualified. Results for samples 258699019, and 258699020 were not qualified by this QC data.
SUP_SL_43 12-14	258699007	80790	Isopropylbenzene	121/120	73-	0.6	15	High	Based on criteria



SUP_SL_46 6-8	258699028		(Cumene)		120				above, results were not qualified.
SUP_SL_46 8-10	258699029								
SUP_SL_46 10-12	258699030		n-Butylbenzene	127/125	72-125	1	17	High	Based on criteria above, results were not qualified.
SUP_SL_46 12-14	258699031								
SUP_SL_46 14-16	258699032								
SUP_SL_46_DUP	258699033								
SUP_SL_47 1-2	258699034								
SUP_SL_47 4-6	258699036		Tetrachloroethene	130/127	80-112	3	22	High	Qualified based on criteria 1a. Results for samples 258699036, 258699037, and 258699038 were not qualified by this QC data.
SUP_SL_47 6-8	258699037								
SUP_SL_47 8-10	258699038								
SUP_SL_47 10-12	258699039								
			Trichloroethene	122/118	80-112	4	18	High	Qualified based on criteria 1a. Based on the criteria above, results for samples 258699007, 2586990031, and 258699032 were not qualified. Results for samples 258699036 and 258699037 were not qualified by this QC data.
			Vinyl chloride	113/111	80-112	0.5	15	High	Qualified based on criteria 1a. Result for sample 25869903 was not qualified by this QC data. Based on the criteria above, results for samples 258699007, 258699034, and 258699039 were not qualified.
SUP_SL_45 14-16	258699024	80838	Vinyl chloride	75/78	80-112	3	29	Low	Based on the criteria above, results were not qualified.
SUP_SL_46 1-2	258699025								
SUP_SL_46 2-4	258699026								
SUP_SL_46 4-6	258699027								



Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 6010 and 8260, and one every 10 samples for method 8270. Sample SUP_SL_46_DUP (258699033) was collected as a field duplicate and is associated with sample SUP_SL_46 8-10 (258699029).

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_SL_46_DUP (Lab ID -258699033)	SUP_SL_46 8-10 (Lab ID – 258699029)		
Arsenic	6940	11100	mg/kg	46
Cadmium	70.2	127	mg/kg	58
Lead	1480	1810	mg/kg	20
1,2-Dichloroethene (Total)	1970	429	ug/kg	128
Vinyl chloride	45.8 J	108	ug/kg	81
cis-1,2-Dichloroethene	1940	20000	ug/kg	164
1,1-Dichloroethene	16.6	4.4 J	ug/kg	116
2-Butanone (MEK)	138	<2.6	ug/kg	193
Acetone	58.4	14.1 J	ug/kg	122
Benzene	3.3 J	0.81 J	ug/kg	121
Carbon disulfide	2.6 J	1.9 J	ug/kg	31
Chloroethane	<0.64	35.1	ug/kg	192
Tetrachloroethene	3.0 J	1.6 J	ug/kg	61
Toluene	0.75 J	<0.53	ug/kg	34
Trichloroethene	11.7	1.8 J	ug/kg	147
trans-1,2-Dichloroethene	27.9	3.3 J	ug/kg	158

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

The trip blank was not listed on the chain-of-custody. However, it was correctly run for method 8260 per the SAP & QAPP. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were not used. The temperature of the delivery coolers were recorded at 8.2, 10.0, and 11.8 °C and exceeded the required temperature range. Since the samples were delivered on ice the same day of collection no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Due to extremely low recoveries (<10%) in the surrogates, the nondetected results for pentachlorophenol were rejected in samples SUP_SL_45 4-6 (258699019), SUP_SL_45 6-8 (258699020), SUP_SL_47 4-6 (258699036) and SUP_SL_47 6-8 (258699037). The lab confirmed the matrix interference with re-analysis but did not re-extract the sample.



Due to low recoveries in the surrogates (>10% and less than lower acceptance limit), the detected results for VOCs were flagged as estimated (J) and the nondetected results were flagged as non-detect estimated (UJ) in samples SUP_SL_45 4-6 (258699019), SUP_SL_45 6-8 (258699020), SUP_SL_47 4-6 (258699036) and SUP_SL_47 6-8 (258699037). The lab did not confirm the matrix interference with re-analysis.

Eleven detected acetone results for samples (SUP_SL_43 12-14 [258699007], SUP_SL_46 6-8 [258699028], SUP_SL_46 10-12 [258699030], SUP_SL_46 12-14 [258699031], SUP_SL_46_DUP [258699033], SUP_SL_47 1-2 [258699034], SUP_SL_47 2-4 [258699035], SUP_SL_47 8-10 [258699038], SUP_SL_47 10-12 [258699039], SUP_SL_47 12-14 [258699040], and SUP_SL_47 14-16 [258699041],) were qualified as estimated (J) due to potential false positives from vial contamination from the manufacturer.

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Four hundred sixty-four (464) sample results were qualified (see Attachment 1).
- Seventy-five detected sample results were qualified as estimated (J) due to LCS/LCSD recoveries that exceeded control limits, surrogate recoveries that exceeded control limits, or a laboratory noted qualifier.
- One hundred eighty nondetected sample results were qualified as estimated (UJ) due to surrogate recoveries that exceeded control limits.
- Ninety detected sample results were qualified (B) and 61 detected sample results were qualified as nondetected (UB) due to method blank contamination.
- Thirty detected sample results were qualified estimated (JB) and 24 detected sample results were qualified as nondetected (UJB) due to method blank contamination and LCS/LCSD recoveries that exceeded control limits and/or MS/MSD recoveries that exceeded control limits or surrogate recoveries that exceeded control limits.
- Four nondetected samples results were rejected (UR) due to surrogate recoveries that exceeded control limits.

Excluding the four rejected sample results, all other sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258699

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_43 1-2	258699001	EPA 6010	Solid	Cadmium	6.3 J	mg/kg	0.11	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_43 1-2	258699001	EPA 8260	Solid	Acetone	79.2	ug/kg	1.1	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_43 2-4	258699002	EPA 6010	Solid	Cadmium	0.25 J	mg/kg	0.021	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_43 2-4	258699002	EPA 8260	Solid	Acetone	33.6	ug/kg	1.4	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_43 4-6	258699003	EPA 8260	Solid	Acetone	18.9	ug/kg	1.2	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_43 6-8	258699004	EPA 6010	Solid	Cadmium	0.12 J	mg/kg	0.013	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_43 6-8	258699004	EPA 8260	Solid	Acetone	18.5	ug/kg	1.1	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_43 8-10	258699005	EPA 6010	Solid	Cadmium	0.040 J	mg/kg	0.016	UJB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_43 8-10	258699005	EPA 8260	Solid	Acetone	23.3	ug/kg	1.4	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_43 10-12	258699006	EPA 6010	Solid	Cadmium	0.070 J	mg/kg	0.024	UJB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_43 10-12	258699006	EPA 8260	Solid	Acetone	42.4	ug/kg	1.7	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_43 12-14	258699007	EPA 8260	Solid	Tetrachloroethene	1.7 J	ug/kg	0.69	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_44 2-4	258699010	EPA 6010	Solid	Cadmium	6.4 J	mg/kg	0.10	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_44 4-6	258699011	EPA 6010	Solid	Cadmium	0.56 J	mg/kg	0.012	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_44 6-8	258699012	EPA 6010	Solid	Cadmium	74.7	mg/kg	0.029	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_44 8-10	258699013	EPA 6010	Solid	Cadmium	18.4	mg/kg	0.013	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_44 10-12	258699014	EPA 6010	Solid	Cadmium	14.5	mg/kg	0.028	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_44 12-14	258699015	EPA 6010	Solid	Cadmium	5.3	mg/kg	0.025	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_44 14-16	258699016	EPA 6010	Solid	Cadmium	0.98	mg/kg	0.0097	JB	Method Blank Contamination; MS/MSD Recoveries Exceed Control Limits
SUP_SL_45 4-6	258699019	EPA 8260	Solid	1,2,4-Trichlorobenzene	0.55 J	ug/kg	0.51	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 4-6	258699019	EPA 8260	Solid	1,3-Dichlorobenzene	0.62 J	ug/kg	0.40	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 4-6	258699019	EPA 8260	Solid	1,4-Dichlorobenzene	1.7 J	ug/kg	0.50	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 4-6	258699019	EPA 8260	Solid	Acetone	301	ug/kg	2.3	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 4-6	258699019	EPA 8260	Solid	Benzene	15.8	ug/kg	0.31	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 4-6	258699019	EPA 8260	Solid	Toluene	34.5	ug/kg	0.64	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 4-6	258699019	EPA 8260	Solid	Xylene (Total)	3.9 J	ug/kg	1.6	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 6-8	258699020	EPA 8260	Solid	1,2,4-Trichlorobenzene	3.1 J	ug/kg	0.65	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 6-8	258699020	EPA 8260	Solid	1,2-Dichlorobenzene	1.4 J	ug/kg	0.66	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 6-8	258699020	EPA 8260	Solid	1,3-Dichlorobenzene	5.9 J	ug/kg	0.51	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 6-8	258699020	EPA 8260	Solid	1,4-Dichlorobenzene	3.5 J	ug/kg	0.64	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 6-8	258699020	EPA 8260	Solid	Acetone	544	ug/kg	2.9	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 6-8	258699020	EPA 8260	Solid	Benzene	50.3	ug/kg	0.40	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 6-8	258699020	EPA 8260	Solid	Toluene	40.5	ug/kg	0.82	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258699

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_45 6-8	258699020	EPA 8260	Solid	Xylene (Total)	9.8 J	ug/kg	2.0	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_45 6-8	258699020	EPA 8260	Solid	p-Isopropyltoluene	23.7	ug/kg	1.0	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_46 6-8	258699028	EPA 8260	Solid	Tetrachloroethene	1.8 J	ug/kg	0.48	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_46 8-10	258699029	EPA 8260	Solid	Tetrachloroethene	1.6 J	ug/kg	0.65	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_46 10-12	258699030	EPA 8260	Solid	Tetrachloroethene	1.1 J	ug/kg	0.62	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_46 12-14	258699031	EPA 8260	Solid	Tetrachloroethene	1.2 J	ug/kg	0.53	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_46 14-16	258699032	EPA 8260	Solid	Tetrachloroethene	0.63 J	ug/kg	0.39	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_46 DUP	258699033	EPA 8260	Solid	Tetrachloroethene	3.0 J	ug/kg	0.84	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_47 1-2	258699034	EPA 8260	Solid	Tetrachloroethene	14.6	ug/kg	0.39	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_47 4-6	258699036	EPA 8260	Solid	1,2,4-Trichlorobenzene	1.9 J	ug/kg	0.58	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 4-6	258699036	EPA 8260	Solid	1,2-Dichlorobenzene	0.79 J	ug/kg	0.59	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 4-6	258699036	EPA 8260	Solid	1,3-Dichlorobenzene	2.1 J	ug/kg	0.45	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 4-6	258699036	EPA 8260	Solid	1,4-Dichlorobenzene	0.67 J	ug/kg	0.57	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 4-6	258699036	EPA 8260	Solid	Benzene	23.2	ug/kg	0.36	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 4-6	258699036	EPA 8260	Solid	Carbon disulfide	263	ug/kg	0.66	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 6-8	258699037	EPA 8260	Solid	1,2-Dichlorobenzene	1.3 J	ug/kg	0.78	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 6-8	258699037	EPA 8260	Solid	1,3-Dichlorobenzene	6.6 J	ug/kg	0.60	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 6-8	258699037	EPA 8260	Solid	1,4-Dichlorobenzene	1.0 J	ug/kg	0.76	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 6-8	258699037	EPA 8260	Solid	Benzene	32.7	ug/kg	0.47	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 6-8	258699037	EPA 8260	Solid	Carbon disulfide	195	ug/kg	0.88	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_47 10-12	258699039	EPA 8260	Solid	Tetrachloroethene	184	ug/kg	0.52	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits

April 19, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258699

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 01, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 19, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258699

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon
Pace Project No.: 258699

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258699001	SUP_SL_43 1-2	Solid	08/01/11 10:56	08/01/11 16:00
258699002	SUP_SL_43 2-4	Solid	08/01/11 11:00	08/01/11 16:00
258699003	SUP_SL_43 4-6	Solid	08/01/11 11:05	08/01/11 16:00
258699004	SUP_SL_43 6-8	Solid	08/01/11 11:10	08/01/11 16:00
258699005	SUP_SL_43 8-10	Solid	08/01/11 11:15	08/01/11 16:00
258699006	SUP_SL_43 10-12	Solid	08/01/11 11:20	08/01/11 16:00
258699007	SUP_SL_43 12-14	Solid	08/01/11 11:25	08/01/11 16:00
258699008	SUP_SL_43 14-16	Solid	08/01/11 11:30	08/01/11 16:00
258699009	SUP_SL_44 1-2	Solid	08/01/11 11:35	08/01/11 16:00
258699010	SUP_SL_44 2-4	Solid	08/01/11 11:40	08/01/11 16:00
258699011	SUP_SL_44 4-6	Solid	08/01/11 11:45	08/01/11 16:00
258699012	SUP_SL_44 6-8	Solid	08/01/11 11:50	08/01/11 16:00
258699013	SUP_SL_44 8-10	Solid	08/01/11 11:55	08/01/11 16:00
258699014	SUP_SL_44 10-12	Solid	08/01/11 12:00	08/01/11 16:00
258699015	SUP_SL_44 12-14	Solid	08/01/11 12:05	08/01/11 16:00
258699016	SUP_SL_44 14-16	Solid	08/01/11 12:10	08/01/11 16:00
258699017	SUP_SL_45 1-2	Solid	08/01/11 12:30	08/01/11 16:00
258699018	SUP_SL_45 2-4	Solid	08/01/11 12:35	08/01/11 16:00
258699019	SUP_SL_45 4-6	Solid	08/01/11 12:40	08/01/11 16:00
258699020	SUP_SL_45 6-8	Solid	08/01/11 12:45	08/01/11 16:00
258699021	SUP_SL_45 8-10	Solid	08/01/11 12:55	08/01/11 16:00
258699022	SUP_SL_45 10-12	Solid	08/01/11 13:00	08/01/11 16:00
258699023	SUP_SL_45 12-14	Solid	08/01/11 13:05	08/01/11 16:00
258699024	SUP_SL_45 14-16	Solid	08/01/11 13:10	08/01/11 16:00
258699025	SUP_SL_46 1-2	Solid	08/01/11 13:30	08/01/11 16:00
258699026	SUP_SL_46 2-4	Solid	08/01/11 13:35	08/01/11 16:00
258699027	SUP_SL_46 4-6	Solid	08/01/11 13:40	08/01/11 16:00
258699028	SUP_SL_46 6-8	Solid	08/01/11 13:45	08/01/11 16:00
258699029	SUP_SL_46 8-10	Solid	08/01/11 13:50	08/01/11 16:00
258699030	SUP_SL_46 10-12	Solid	08/01/11 13:55	08/01/11 16:00
258699031	SUP_SL_46 12-14	Solid	08/01/11 14:00	08/01/11 16:00
258699032	SUP_SL_46 14-16	Solid	08/01/11 14:05	08/01/11 16:00
258699033	SUP_SL_46_DUP	Solid	08/01/11 14:10	08/01/11 16:00
258699034	SUP_SL_47 1-2	Solid	08/01/11 14:15	08/01/11 16:00
258699035	SUP_SL_47 2-4	Solid	08/01/11 14:20	08/01/11 16:00
258699036	SUP_SL_47 4-6	Solid	08/01/11 14:25	08/01/11 16:00
258699037	SUP_SL_47 6-8	Solid	08/01/11 14:30	08/01/11 16:00

REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 258699

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258699038	SUP_SL_47 8-10	Solid	08/01/11 14:35	08/01/11 16:00
258699039	SUP_SL_47 10-12	Solid	08/01/11 14:40	08/01/11 16:00
258699040	SUP_SL_47 12-14	Solid	08/01/11 14:45	08/01/11 16:00
258699041	SUP_SL_47 14-16	Solid	08/01/11 14:50	08/01/11 16:00
258699042	Trip Blank	Solid	08/01/11 00:00	08/01/11 16:00

REPORT OF LABORATORY ANALYSIS

Page 5 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258699

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258699001	SUP_SL_43 1-2	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699002	SUP_SL_43 2-4	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699003	SUP_SL_43 4-6	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699004	SUP_SL_43 6-8	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699005	SUP_SL_43 8-10	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699006	SUP_SL_43 10-12	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699007	SUP_SL_43 12-14	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699008	SUP_SL_43 14-16	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699009	SUP_SL_44 1-2	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699010	SUP_SL_44 2-4	EPA 6010	CMS	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258699

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258699011	SUP_SL_44 4-6	EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
258699012	SUP_SL_44 6-8	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
258699013	SUP_SL_44 8-10	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699014	SUP_SL_44 10-12	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
258699015	SUP_SL_44 12-14	EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
258699016	SUP_SL_44 14-16	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
258699017	SUP_SL_45 1-2	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699018	SUP_SL_45 2-4	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
258699019	SUP_SL_45 4-6	EPA 8270	DMT	2	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258699

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258699020	SUP_SL_45 6-8	EPA 8260	LNH	9	PASI-S
		EPA 8260	LPM	68	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	10	PASI-S
258699021	SUP_SL_45 8-10	EPA 8260	LPM	67	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699022	SUP_SL_45 10-12	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
258699023	SUP_SL_45 12-14	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699024	SUP_SL_45 14-16	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
258699025	SUP_SL_46 1-2	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699026	SUP_SL_46 2-4	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
258699027	SUP_SL_46 4-6	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699028	SUP_SL_46 6-8	EPA 6010	CMS	3	PASI-S
		EPA 6010	CMS	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258699

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258699029	SUP_SL_46 8-10	EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	5	PASI-S
258699030	SUP_SL_46 10-12	EPA 8260	LPM	72	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699031	SUP_SL_46 12-14	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
258699032	SUP_SL_46 14-16	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258699033	SUP_SL_46_DUP	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	7	PASI-S
		EPA 8260	LPM	70	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
258699034	SUP_SL_47 1-2	EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
258699035	SUP_SL_47 2-4	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
258699036	SUP_SL_47 4-6	EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	9	PASI-S
		EPA 8260	LPM	68	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258699

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258699037	SUP_SL_47 6-8	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	9	PASI-S
		EPA 8260	LPM	68	PASI-S
258699038	SUP_SL_47 8-10	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	5	PASI-S
		EPA 8260	LPM	72	PASI-S
258699039	SUP_SL_47 10-12	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
258699040	SUP_SL_47 12-14	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	5	PASI-S
		EPA 8260	LPM	72	PASI-S
258699041	SUP_SL_47 14-16	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
258699042	Trip Blank	ASTM D2974-87	KJ1	1	PASI-S
		EPA 8260	LPM	73	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 1-2 Lab ID: 258699001 Collected: 08/01/11 10:56 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	333	mg/kg	41.7	6.2	20	08/03/11 15:35	08/16/11 19:43	7440-38-2	
Cadmium	6.3J	mg/kg	10.4	0.11	10	08/03/11 15:35	08/15/11 16:19	7440-43-9	
Lead	377	mg/kg	20.9	1.3	20	08/03/11 15:35	08/16/11 19:43	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	351	111	1	08/05/11 16:40	08/11/11 21:17	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79	%	26-135		1	08/05/11 16:40	08/11/11 21:17	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/03/11 22:08	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.19	1		08/03/11 22:08	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/03/11 22:08	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/03/11 22:08	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.41	1		08/03/11 22:08	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/03/11 22:08	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.38	1		08/03/11 22:08	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/03/11 22:08	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/03/11 22:08	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.35	1		08/03/11 22:08	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.25	1		08/03/11 22:08	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/03/11 22:08	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	0.39	1		08/03/11 22:08	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/03/11 22:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/03/11 22:08	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/03/11 22:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.1	0.38	1		08/03/11 22:08	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/03/11 22:08	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/03/11 22:08	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/03/11 22:08	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/03/11 22:08	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/03/11 22:08	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/03/11 22:08	594-20-7	
2-Butanone (MEK)	5.5J	ug/kg	10.1	1.5	1		08/03/11 22:08	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.32	1		08/03/11 22:08	95-49-8	
2-Hexanone	ND	ug/kg	10.1	0.36	1		08/03/11 22:08	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/03/11 22:08	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.1	0.31	1		08/03/11 22:08	108-10-1	
Acetone	79.2	ug/kg	10.1	1.1	1		08/03/11 22:08	67-64-1	1n,B,L1
Benzene	0.23J	ug/kg	3.0	0.15	1		08/03/11 22:08	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.24	1		08/03/11 22:08	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/03/11 22:08	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/03/11 22:08	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/03/11 22:08	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/03/11 22:08	74-83-9	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_43 1-2 Lab ID: 258699001 Collected: 08/01/11 10:56 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.3J	ug/kg	3.0	0.28	1		08/03/11 22:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/03/11 22:08	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.19	1		08/03/11 22:08	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/03/11 22:08	75-00-3	
Chloroform	ND	ug/kg	3.0	0.20	1		08/03/11 22:08	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/03/11 22:08	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/03/11 22:08	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/03/11 22:08	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/03/11 22:08	75-71-8	
Ethylbenzene	3.3	ug/kg	3.0	0.38	1		08/03/11 22:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/03/11 22:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/03/11 22:08	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/03/11 22:08	1634-04-4	
Methylene chloride	ND	ug/kg	10.1	2.7	1		08/03/11 22:08	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		08/03/11 22:08	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/03/11 22:08	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.39	1		08/03/11 22:08	127-18-4	
Toluene	1.4J	ug/kg	3.0	0.31	1		08/03/11 22:08	108-88-3	B
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/03/11 22:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/03/11 22:08	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/03/11 22:08	75-01-4	
Xylene (Total)	11.7	ug/kg	9.1	0.76	1		08/03/11 22:08	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/03/11 22:08	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/03/11 22:08	10061-01-5	
m&p-Xylene	8.9	ug/kg	6.1	0.76	1		08/03/11 22:08	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/03/11 22:08	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.36	1		08/03/11 22:08	103-65-1	
o-Xylene	2.8J	ug/kg	3.0	0.33	1		08/03/11 22:08	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.39	1		08/03/11 22:08	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/03/11 22:08	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/03/11 22:08	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.35	1		08/03/11 22:08	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/03/11 22:08	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/03/11 22:08	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	72-129		1		08/03/11 22:08	1868-53-7	
Toluene-d8 (S)	94	%	69-133		1		08/03/11 22:08	2037-26-5	
4-Bromofluorobenzene (S)	104	%	67-142		1		08/03/11 22:08	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	67-136		1		08/03/11 22:08	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	7.0	%	0.10	0.10	1		08/03/11 16:13		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 2-4 Lab ID: 258699002 Collected: 08/01/11 11:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	23.3	mg/kg	3.8	0.56	2	08/03/11 15:35	08/14/11 19:54	7440-38-2	
Cadmium	0.25J	mg/kg	1.9	0.021	2	08/03/11 15:35	08/15/11 16:48	7440-43-9	
Lead	38.7	mg/kg	0.94	0.059	1	08/03/11 15:35	08/14/11 13:55	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	408	129	1	08/05/11 16:40	08/11/11 16:44	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	93	%	26-135		1	08/05/11 16:40	08/11/11 16:44	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.18	1		08/03/11 22:24	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		08/03/11 22:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		08/03/11 22:24	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.35	1		08/03/11 22:24	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.50	1		08/03/11 22:24	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		08/03/11 22:24	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.46	1		08/03/11 22:24	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.44	1		08/03/11 22:24	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		08/03/11 22:24	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.43	1		08/03/11 22:24	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.30	1		08/03/11 22:24	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	0.65	1		08/03/11 22:24	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	0.49	1		08/03/11 22:24	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.26	1		08/03/11 22:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/03/11 22:24	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		08/03/11 22:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.5	0.46	1		08/03/11 22:24	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/03/11 22:24	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.40	1		08/03/11 22:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		08/03/11 22:24	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		08/03/11 22:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.30	1		08/03/11 22:24	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/03/11 22:24	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.5	1.9	1		08/03/11 22:24	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.39	1		08/03/11 22:24	95-49-8	
2-Hexanone	ND	ug/kg	12.5	0.45	1		08/03/11 22:24	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.33	1		08/03/11 22:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.5	0.38	1		08/03/11 22:24	108-10-1	
Acetone	33.6	ug/kg	12.5	1.4	1		08/03/11 22:24	67-64-1	1n,B,L1
Benzene	0.33J	ug/kg	3.8	0.19	1		08/03/11 22:24	71-43-2	
Bromobenzene	ND	ug/kg	3.8	0.29	1		08/03/11 22:24	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		08/03/11 22:24	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		08/03/11 22:24	75-27-4	
Bromoform	ND	ug/kg	3.8	0.29	1		08/03/11 22:24	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.40	1		08/03/11 22:24	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 2-4 Lab ID: 258699002 Collected: 08/01/11 11:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	2.4J	ug/kg	3.8	0.35	1		08/03/11 22:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		08/03/11 22:24	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		08/03/11 22:24	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.36	1		08/03/11 22:24	75-00-3	
Chloroform	ND	ug/kg	3.8	0.24	1		08/03/11 22:24	67-66-3	
Chloromethane	ND	ug/kg	3.8	0.26	1		08/03/11 22:24	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		08/03/11 22:24	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.26	1		08/03/11 22:24	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.52	1		08/03/11 22:24	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.48	1		08/03/11 22:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.37	1		08/03/11 22:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.43	1		08/03/11 22:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.31	1		08/03/11 22:24	1634-04-4	
Methylene chloride	ND	ug/kg	12.5	3.3	1		08/03/11 22:24	75-09-2	
Naphthalene	ND	ug/kg	3.8	0.69	1		08/03/11 22:24	91-20-3	
Styrene	ND	ug/kg	3.8	0.36	1		08/03/11 22:24	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	0.48	1		08/03/11 22:24	127-18-4	
Toluene	ND	ug/kg	3.8	0.39	1		08/03/11 22:24	108-88-3	
Trichloroethene	ND	ug/kg	3.8	0.26	1		08/03/11 22:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		08/03/11 22:24	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	0.35	1		08/03/11 22:24	75-01-4	
Xylene (Total)	ND	ug/kg	11.3	0.94	1		08/03/11 22:24	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	0.26	1		08/03/11 22:24	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.16	1		08/03/11 22:24	10061-01-5	
m&p-Xylene	ND	ug/kg	7.5	0.94	1		08/03/11 22:24	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	0.57	1		08/03/11 22:24	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	0.44	1		08/03/11 22:24	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.41	1		08/03/11 22:24	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	0.48	1		08/03/11 22:24	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	0.52	1		08/03/11 22:24	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.32	1		08/03/11 22:24	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.43	1		08/03/11 22:24	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		08/03/11 22:24	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.26	1		08/03/11 22:24	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	72-129		1		08/03/11 22:24	1868-53-7	
Toluene-d8 (S)	98	%	69-133		1		08/03/11 22:24	2037-26-5	
4-Bromofluorobenzene (S)	107	%	67-142		1		08/03/11 22:24	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	67-136		1		08/03/11 22:24	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	19.2	%	0.10	0.10	1		08/03/11 16:14		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_43 4-6 Lab ID: 258699003 Collected: 08/01/11 11:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	11.6	mg/kg	3.5	0.52	2	08/03/11 15:35	08/14/11 19:57	7440-38-2	
Cadmium	ND	mg/kg	1.7	0.019	2	08/03/11 15:35	08/15/11 16:51	7440-43-9	
Lead	14.1	mg/kg	0.87	0.055	1	08/03/11 15:35	08/14/11 13:59	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	387	123	1	08/05/11 16:40	08/11/11 17:07	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	87	%	26-135		1	08/05/11 16:40	08/11/11 17:07	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		08/03/11 22:41	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		08/03/11 22:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		08/03/11 22:41	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		08/03/11 22:41	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.45	1		08/03/11 22:41	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		08/03/11 22:41	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		08/03/11 22:41	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.39	1		08/03/11 22:41	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		08/03/11 22:41	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		08/03/11 22:41	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		08/03/11 22:41	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.58	1		08/03/11 22:41	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.43	1		08/03/11 22:41	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		08/03/11 22:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/03/11 22:41	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.25	1		08/03/11 22:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.41	1		08/03/11 22:41	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/03/11 22:41	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		08/03/11 22:41	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		08/03/11 22:41	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		08/03/11 22:41	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/03/11 22:41	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		08/03/11 22:41	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.1	1.7	1		08/03/11 22:41	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		08/03/11 22:41	95-49-8	
2-Hexanone	ND	ug/kg	11.1	0.40	1		08/03/11 22:41	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.30	1		08/03/11 22:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.1	0.34	1		08/03/11 22:41	108-10-1	
Acetone	18.9	ug/kg	11.1	1.2	1		08/03/11 22:41	67-64-1	1n,B,L1
Benzene	0.18J	ug/kg	3.3	0.17	1		08/03/11 22:41	71-43-2	
Bromobenzene	ND	ug/kg	3.3	0.26	1		08/03/11 22:41	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.25	1		08/03/11 22:41	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		08/03/11 22:41	75-27-4	
Bromoform	ND	ug/kg	3.3	0.26	1		08/03/11 22:41	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		08/03/11 22:41	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 4-6 **Lab ID:** 258699003 Collected: 08/01/11 11:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.6J	ug/kg	3.3	0.31	1		08/03/11 22:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		08/03/11 22:41	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		08/03/11 22:41	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		08/03/11 22:41	75-00-3	
Chloroform	ND	ug/kg	3.3	0.22	1		08/03/11 22:41	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		08/03/11 22:41	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		08/03/11 22:41	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		08/03/11 22:41	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		08/03/11 22:41	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		08/03/11 22:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		08/03/11 22:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.39	1		08/03/11 22:41	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.28	1		08/03/11 22:41	1634-04-4	
Methylene chloride	ND	ug/kg	11.1	2.9	1		08/03/11 22:41	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.61	1		08/03/11 22:41	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		08/03/11 22:41	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		08/03/11 22:41	127-18-4	
Toluene	ND	ug/kg	3.3	0.34	1		08/03/11 22:41	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		08/03/11 22:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		08/03/11 22:41	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		08/03/11 22:41	75-01-4	
Xylene (Total)	ND	ug/kg	10.0	0.83	1		08/03/11 22:41	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		08/03/11 22:41	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.15	1		08/03/11 22:41	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.83	1		08/03/11 22:41	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.51	1		08/03/11 22:41	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		08/03/11 22:41	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		08/03/11 22:41	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.43	1		08/03/11 22:41	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.47	1		08/03/11 22:41	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.29	1		08/03/11 22:41	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		08/03/11 22:41	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		08/03/11 22:41	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		08/03/11 22:41	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	72-129		1		08/03/11 22:41	1868-53-7	
Toluene-d8 (S)	98	%	69-133		1		08/03/11 22:41	2037-26-5	
4-Bromofluorobenzene (S)	102	%	67-142		1		08/03/11 22:41	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	67-136		1		08/03/11 22:41	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	15.4	%	0.10	0.10	1		08/03/11 16:14		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_43 6-8 Lab ID: 258699004 Collected: 08/01/11 11:10 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	30.8	mg/kg	4.8	0.71	2	08/03/11 15:35	08/14/11 20:01	7440-38-2	
Cadmium	0.12J	mg/kg	1.2	0.013	1	08/03/11 15:35	08/15/11 00:00	7440-43-9	
Lead	70.3	mg/kg	1.2	0.075	1	08/03/11 15:35	08/14/11 14:03	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	301J	ug/kg	407	129	1	08/05/11 16:40	08/11/11 18:15	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	74	%	26-135		1	08/05/11 16:40	08/11/11 18:15	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1	0.15	1		08/03/11 22:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.1	0.19	1		08/03/11 22:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1	0.28	1		08/03/11 22:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.1	0.28	1		08/03/11 22:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.1	0.41	1		08/03/11 22:58	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.1	0.24	1		08/03/11 22:58	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.1	0.38	1		08/03/11 22:58	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.1	0.36	1		08/03/11 22:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.1	0.28	1		08/03/11 22:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.1	0.35	1		08/03/11 22:58	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.1	0.25	1		08/03/11 22:58	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.1	0.53	1		08/03/11 22:58	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	0.40	1		08/03/11 22:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	0.22	1		08/03/11 22:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/03/11 22:58	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.1	0.23	1		08/03/11 22:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.1	0.38	1		08/03/11 22:58	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/03/11 22:58	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.1	0.33	1		08/03/11 22:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.1	0.19	1		08/03/11 22:58	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.1	0.28	1		08/03/11 22:58	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/03/11 22:58	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/03/11 22:58	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.2	1.5	1		08/03/11 22:58	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.1	0.32	1		08/03/11 22:58	95-49-8	
2-Hexanone	ND	ug/kg	10.2	0.37	1		08/03/11 22:58	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.1	0.27	1		08/03/11 22:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.2	0.31	1		08/03/11 22:58	108-10-1	
Acetone	18.5	ug/kg	10.2	1.1	1		08/03/11 22:58	67-64-1	1n,B,L1
Benzene	0.19J	ug/kg	3.1	0.15	1		08/03/11 22:58	71-43-2	
Bromobenzene	ND	ug/kg	3.1	0.24	1		08/03/11 22:58	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	0.23	1		08/03/11 22:58	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	0.12	1		08/03/11 22:58	75-27-4	
Bromoform	ND	ug/kg	3.1	0.24	1		08/03/11 22:58	75-25-2	
Bromomethane	1.0J	ug/kg	3.1	0.33	1		08/03/11 22:58	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 6-8 Lab ID: 258699004 Collected: 08/01/11 11:10 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	0.52J	ug/kg	3.1	0.29	1		08/03/11 22:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.1	0.19	1		08/03/11 22:58	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	0.19	1		08/03/11 22:58	108-90-7	
Chloroethane	ND	ug/kg	3.1	0.30	1		08/03/11 22:58	75-00-3	
Chloroform	ND	ug/kg	3.1	0.20	1		08/03/11 22:58	67-66-3	
Chloromethane	ND	ug/kg	3.1	0.21	1		08/03/11 22:58	74-87-3	
Dibromochloromethane	ND	ug/kg	3.1	0.10	1		08/03/11 22:58	124-48-1	
Dibromomethane	ND	ug/kg	3.1	0.21	1		08/03/11 22:58	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.1	0.43	1		08/03/11 22:58	75-71-8	
Ethylbenzene	ND	ug/kg	3.1	0.39	1		08/03/11 22:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.1	0.30	1		08/03/11 22:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	0.35	1		08/03/11 22:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.1	0.26	1		08/03/11 22:58	1634-04-4	
Methylene chloride	ND	ug/kg	10.2	2.7	1		08/03/11 22:58	75-09-2	
Naphthalene	ND	ug/kg	3.1	0.56	1		08/03/11 22:58	91-20-3	
Styrene	ND	ug/kg	3.1	0.29	1		08/03/11 22:58	100-42-5	
Tetrachloroethene	ND	ug/kg	3.1	0.39	1		08/03/11 22:58	127-18-4	
Toluene	ND	ug/kg	3.1	0.32	1		08/03/11 22:58	108-88-3	
Trichloroethene	ND	ug/kg	3.1	0.21	1		08/03/11 22:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.1	0.23	1		08/03/11 22:58	75-69-4	
Vinyl chloride	ND	ug/kg	3.1	0.29	1		08/03/11 22:58	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	0.77	1		08/03/11 22:58	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.1	0.21	1		08/03/11 22:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	0.13	1		08/03/11 22:58	10061-01-5	
m&p-Xylene	ND	ug/kg	6.1	0.77	1		08/03/11 22:58	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.1	0.47	1		08/03/11 22:58	104-51-8	
n-Propylbenzene	ND	ug/kg	3.1	0.36	1		08/03/11 22:58	103-65-1	
o-Xylene	ND	ug/kg	3.1	0.33	1		08/03/11 22:58	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.1	0.39	1		08/03/11 22:58	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.1	0.43	1		08/03/11 22:58	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.1	0.27	1		08/03/11 22:58	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.1	0.35	1		08/03/11 22:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	0.31	1		08/03/11 22:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	0.22	1		08/03/11 22:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/03/11 22:58	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/03/11 22:58	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-142		1		08/03/11 22:58	460-00-4	
1,2-Dichloroethane-d4 (S)	115 %		67-136		1		08/03/11 22:58	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.0 %		0.10	0.10	1		08/03/11 16:15		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_43 8-10 Lab ID: 258699005 Collected: 08/01/11 11:15 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	13.9	mg/kg	2.9	0.43	1	08/03/11 15:35	08/14/11 14:06	7440-38-2	
Cadmium	0.040J	mg/kg	1.4	0.016	1	08/03/11 15:35	08/14/11 14:06	7440-43-9	
Lead	12.3	mg/kg	1.4	0.090	1	08/03/11 15:35	08/14/11 14:06	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	570	181	1	08/05/11 16:40	08/11/11 21:39	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	83	%	26-135		1	08/05/11 16:40	08/11/11 21:39	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	0.19	1		08/03/11 23:15	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.9	0.24	1		08/03/11 23:15	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	0.36	1		08/03/11 23:15	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.9	0.36	1		08/03/11 23:15	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.9	0.52	1		08/03/11 23:15	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.9	0.31	1		08/03/11 23:15	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.9	0.48	1		08/03/11 23:15	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.9	0.45	1		08/03/11 23:15	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	0.36	1		08/03/11 23:15	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.9	0.44	1		08/03/11 23:15	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	0.32	1		08/03/11 23:15	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	0.67	1		08/03/11 23:15	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.5	0.51	1		08/03/11 23:15	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	0.27	1		08/03/11 23:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	0.32	1		08/03/11 23:15	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.9	0.29	1		08/03/11 23:15	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.8	0.48	1		08/03/11 23:15	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		08/03/11 23:15	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	0.41	1		08/03/11 23:15	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.9	0.25	1		08/03/11 23:15	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.9	0.36	1		08/03/11 23:15	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.9	0.31	1		08/03/11 23:15	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		08/03/11 23:15	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.0	2.0	1		08/03/11 23:15	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.9	0.41	1		08/03/11 23:15	95-49-8	
2-Hexanone	ND	ug/kg	13.0	0.47	1		08/03/11 23:15	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.9	0.35	1		08/03/11 23:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.0	0.40	1		08/03/11 23:15	108-10-1	
Acetone	23.3	ug/kg	13.0	1.4	1		08/03/11 23:15	67-64-1	1n,B,L1
Benzene	ND	ug/kg	3.9	0.20	1		08/03/11 23:15	71-43-2	
Bromobenzene	ND	ug/kg	3.9	0.30	1		08/03/11 23:15	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	0.29	1		08/03/11 23:15	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	0.15	1		08/03/11 23:15	75-27-4	
Bromoform	ND	ug/kg	3.9	0.30	1		08/03/11 23:15	75-25-2	
Bromomethane	ND	ug/kg	3.9	0.41	1		08/03/11 23:15	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 8-10 Lab ID: 258699005 Collected: 08/01/11 11:15 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.3J	ug/kg	3.9	0.36	1		08/03/11 23:15	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	0.24	1		08/03/11 23:15	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	0.24	1		08/03/11 23:15	108-90-7	
Chloroethane	ND	ug/kg	3.9	0.38	1		08/03/11 23:15	75-00-3	
Chloroform	ND	ug/kg	3.9	0.25	1		08/03/11 23:15	67-66-3	
Chloromethane	ND	ug/kg	3.9	0.27	1		08/03/11 23:15	74-87-3	
Dibromochloromethane	ND	ug/kg	3.9	0.13	1		08/03/11 23:15	124-48-1	
Dibromomethane	ND	ug/kg	3.9	0.27	1		08/03/11 23:15	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.9	0.54	1		08/03/11 23:15	75-71-8	
Ethylbenzene	ND	ug/kg	3.9	0.49	1		08/03/11 23:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	0.39	1		08/03/11 23:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	0.45	1		08/03/11 23:15	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.9	0.32	1		08/03/11 23:15	1634-04-4	
Methylene chloride	ND	ug/kg	13.0	3.4	1		08/03/11 23:15	75-09-2	
Naphthalene	ND	ug/kg	3.9	0.71	1		08/03/11 23:15	91-20-3	
Styrene	ND	ug/kg	3.9	0.37	1		08/03/11 23:15	100-42-5	
Tetrachloroethene	ND	ug/kg	3.9	0.50	1		08/03/11 23:15	127-18-4	
Toluene	ND	ug/kg	3.9	0.40	1		08/03/11 23:15	108-88-3	
Trichloroethene	ND	ug/kg	3.9	0.27	1		08/03/11 23:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	0.30	1		08/03/11 23:15	75-69-4	
Vinyl chloride	ND	ug/kg	3.9	0.36	1		08/03/11 23:15	75-01-4	
Xylene (Total)	ND	ug/kg	11.7	0.97	1		08/03/11 23:15	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	0.27	1		08/03/11 23:15	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	0.17	1		08/03/11 23:15	10061-01-5	
m&p-Xylene	ND	ug/kg	7.8	0.97	1		08/03/11 23:15	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.9	0.59	1		08/03/11 23:15	104-51-8	
n-Propylbenzene	ND	ug/kg	3.9	0.46	1		08/03/11 23:15	103-65-1	
o-Xylene	ND	ug/kg	3.9	0.42	1		08/03/11 23:15	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.9	0.50	1		08/03/11 23:15	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.9	0.54	1		08/03/11 23:15	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.9	0.34	1		08/03/11 23:15	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.9	0.45	1		08/03/11 23:15	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	0.39	1		08/03/11 23:15	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	0.27	1		08/03/11 23:15	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	72-129		1		08/03/11 23:15	1868-53-7	
Toluene-d8 (S)	96	%	69-133		1		08/03/11 23:15	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/03/11 23:15	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	67-136		1		08/03/11 23:15	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	42.1	%	0.10	0.10	1		08/03/11 16:16		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_43 10-12 Lab ID: 258699006 Collected: 08/01/11 11:20 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4.1J	mg/kg	4.4	0.66	2	08/03/11 15:35	08/14/11 20:04	7440-38-2	
Cadmium	0.070J	mg/kg	2.2	0.024	2	08/03/11 15:35	08/15/11 16:59	7440-43-9	
Lead	4.2	mg/kg	1.1	0.069	1	08/03/11 15:35	08/14/11 14:10	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	525	166	1	08/05/11 16:40	08/11/11 13:19	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	81	%	26-135		1	08/05/11 16:40	08/11/11 13:19	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	0.23	1		08/03/11 23:32	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.7	0.29	1		08/03/11 23:32	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	0.43	1		08/03/11 23:32	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.7	0.44	1		08/03/11 23:32	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	0.63	1		08/03/11 23:32	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.7	0.37	1		08/03/11 23:32	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.7	0.58	1		08/03/11 23:32	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.7	0.55	1		08/03/11 23:32	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	0.43	1		08/03/11 23:32	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.7	0.53	1		08/03/11 23:32	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	0.38	1		08/03/11 23:32	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	0.81	1		08/03/11 23:32	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.8	0.61	1		08/03/11 23:32	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	0.33	1		08/03/11 23:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	0.39	1		08/03/11 23:32	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.7	0.35	1		08/03/11 23:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.4	0.58	1		08/03/11 23:32	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.7	0.28	1		08/03/11 23:32	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	0.50	1		08/03/11 23:32	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.7	0.30	1		08/03/11 23:32	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.7	0.43	1		08/03/11 23:32	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.7	0.37	1		08/03/11 23:32	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.7	0.29	1		08/03/11 23:32	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.6	2.4	1		08/03/11 23:32	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.7	0.49	1		08/03/11 23:32	95-49-8	
2-Hexanone	ND	ug/kg	15.6	0.56	1		08/03/11 23:32	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.7	0.42	1		08/03/11 23:32	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.6	0.48	1		08/03/11 23:32	108-10-1	
Acetone	42.4	ug/kg	15.6	1.7	1		08/03/11 23:32	67-64-1	1n,B,L1
Benzene	ND	ug/kg	4.7	0.23	1		08/03/11 23:32	71-43-2	
Bromobenzene	ND	ug/kg	4.7	0.37	1		08/03/11 23:32	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	0.34	1		08/03/11 23:32	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	0.18	1		08/03/11 23:32	75-27-4	
Bromoform	ND	ug/kg	4.7	0.36	1		08/03/11 23:32	75-25-2	
Bromomethane	ND	ug/kg	4.7	0.50	1		08/03/11 23:32	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 10-12 Lab ID: 258699006 Collected: 08/01/11 11:20 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	11.9	ug/kg	4.7	0.44	1		08/03/11 23:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	0.28	1		08/03/11 23:32	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	0.29	1		08/03/11 23:32	108-90-7	
Chloroethane	ND	ug/kg	4.7	0.45	1		08/03/11 23:32	75-00-3	
Chloroform	ND	ug/kg	4.7	0.30	1		08/03/11 23:32	67-66-3	
Chloromethane	ND	ug/kg	4.7	0.32	1		08/03/11 23:32	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	0.16	1		08/03/11 23:32	124-48-1	
Dibromomethane	ND	ug/kg	4.7	0.33	1		08/03/11 23:32	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.7	0.65	1		08/03/11 23:32	75-71-8	
Ethylbenzene	ND	ug/kg	4.7	0.59	1		08/03/11 23:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	0.46	1		08/03/11 23:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	0.54	1		08/03/11 23:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.7	0.39	1		08/03/11 23:32	1634-04-4	
Methylene chloride	ND	ug/kg	15.6	4.1	1		08/03/11 23:32	75-09-2	
Naphthalene	ND	ug/kg	4.7	0.86	1		08/03/11 23:32	91-20-3	
Styrene	ND	ug/kg	4.7	0.45	1		08/03/11 23:32	100-42-5	
Tetrachloroethene	ND	ug/kg	4.7	0.60	1		08/03/11 23:32	127-18-4	
Toluene	0.51J	ug/kg	4.7	0.48	1		08/03/11 23:32	108-88-3	B
Trichloroethene	ND	ug/kg	4.7	0.33	1		08/03/11 23:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	0.36	1		08/03/11 23:32	75-69-4	
Vinyl chloride	ND	ug/kg	4.7	0.44	1		08/03/11 23:32	75-01-4	
Xylene (Total)	ND	ug/kg	14.1	1.2	1		08/03/11 23:32	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	0.33	1		08/03/11 23:32	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	0.20	1		08/03/11 23:32	10061-01-5	
m&p-Xylene	ND	ug/kg	9.4	1.2	1		08/03/11 23:32	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.7	0.71	1		08/03/11 23:32	104-51-8	
n-Propylbenzene	ND	ug/kg	4.7	0.55	1		08/03/11 23:32	103-65-1	
o-Xylene	ND	ug/kg	4.7	0.51	1		08/03/11 23:32	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.7	0.60	1		08/03/11 23:32	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.7	0.65	1		08/03/11 23:32	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.7	0.40	1		08/03/11 23:32	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.7	0.54	1		08/03/11 23:32	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	0.47	1		08/03/11 23:32	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	0.33	1		08/03/11 23:32	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	72-129		1		08/03/11 23:32	1868-53-7	
Toluene-d8 (S)	97	%	69-133		1		08/03/11 23:32	2037-26-5	
4-Bromofluorobenzene (S)	102	%	67-142		1		08/03/11 23:32	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	67-136		1		08/03/11 23:32	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.8	%	0.10	0.10	1		08/03/11 16:17		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 12-14 Lab ID: 258699007 Collected: 08/01/11 11:25 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	18.0	mg/kg	2.9	0.43	1	08/03/11 15:35	08/14/11 14:13	7440-38-2	
Cadmium	ND	mg/kg	1.5	0.016	1	08/03/11 15:35	08/14/11 14:13	7440-43-9	
Lead	20.4	mg/kg	1.5	0.092	1	08/03/11 15:35	08/14/11 14:13	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	588	186	1	08/05/11 16:40	08/11/11 19:46	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	85	%	26-135		1	08/05/11 16:40	08/11/11 19:46	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	0.26	1		08/04/11 14:23	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.4	0.33	1		08/04/11 14:23	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	0.50	1		08/04/11 14:23	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.4	0.50	1		08/04/11 14:23	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.4	0.73	1		08/04/11 14:23	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.4	0.43	1		08/04/11 14:23	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.4	0.67	1		08/04/11 14:23	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.4	0.63	1		08/04/11 14:23	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	0.50	1		08/04/11 14:23	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.4	0.62	1		08/04/11 14:23	96-18-4	
1,2,4-Trichlorobenzene	0.51J	ug/kg	5.4	0.44	1		08/04/11 14:23	120-82-1	B
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	0.94	1		08/04/11 14:23	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	0.71	1		08/04/11 14:23	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	0.38	1		08/04/11 14:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.4	0.45	1		08/04/11 14:23	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.4	0.40	1		08/04/11 14:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.9	0.67	1		08/04/11 14:23	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.4	0.33	1		08/04/11 14:23	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	0.58	1		08/04/11 14:23	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.4	0.34	1		08/04/11 14:23	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.4	0.50	1		08/04/11 14:23	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.4	0.43	1		08/04/11 14:23	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.4	0.34	1		08/04/11 14:23	594-20-7	
2-Butanone (MEK)	ND	ug/kg	18.1	2.7	1		08/04/11 14:23	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.4	0.57	1		08/04/11 14:23	95-49-8	
2-Hexanone	ND	ug/kg	18.1	0.65	1		08/04/11 14:23	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.4	0.48	1		08/04/11 14:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.1	0.55	1		08/04/11 14:23	108-10-1	
Acetone	50.2	ug/kg	18.1	2.0	1		08/04/11 14:23	67-64-1	1n
Benzene	0.39J	ug/kg	5.4	0.27	1		08/04/11 14:23	71-43-2	B
Bromobenzene	ND	ug/kg	5.4	0.42	1		08/04/11 14:23	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	0.40	1		08/04/11 14:23	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	0.21	1		08/04/11 14:23	75-27-4	
Bromoform	ND	ug/kg	5.4	0.42	1		08/04/11 14:23	75-25-2	
Bromomethane	ND	ug/kg	5.4	0.57	1		08/04/11 14:23	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 12-14 Lab ID: 258699007 Collected: 08/01/11 11:25 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	6.0	ug/kg	5.4	0.50	1		08/04/11 14:23	75-15-0	B
Carbon tetrachloride	ND	ug/kg	5.4	0.33	1		08/04/11 14:23	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	0.33	1		08/04/11 14:23	108-90-7	
Chloroethane	ND	ug/kg	5.4	0.52	1		08/04/11 14:23	75-00-3	
Chloroform	ND	ug/kg	5.4	0.35	1		08/04/11 14:23	67-66-3	
Chloromethane	ND	ug/kg	5.4	0.37	1		08/04/11 14:23	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	0.18	1		08/04/11 14:23	124-48-1	
Dibromomethane	ND	ug/kg	5.4	0.38	1		08/04/11 14:23	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.4	0.75	1		08/04/11 14:23	75-71-8	
Ethylbenzene	ND	ug/kg	5.4	0.69	1		08/04/11 14:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	0.54	1		08/04/11 14:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	0.63	1		08/04/11 14:23	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	5.4	0.45	1		08/04/11 14:23	1634-04-4	
Methylene chloride	ND	ug/kg	18.1	4.8	1		08/04/11 14:23	75-09-2	
Naphthalene	ND	ug/kg	5.4	0.99	1		08/04/11 14:23	91-20-3	
Styrene	ND	ug/kg	5.4	0.52	1		08/04/11 14:23	100-42-5	
Tetrachloroethene	1.7J	ug/kg	5.4	0.69	1		08/04/11 14:23	127-18-4	B
Toluene	ND	ug/kg	5.4	0.56	1		08/04/11 14:23	108-88-3	
Trichloroethene	ND	ug/kg	5.4	0.38	1		08/04/11 14:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	0.41	1		08/04/11 14:23	75-69-4	
Vinyl chloride	ND	ug/kg	5.4	0.51	1		08/04/11 14:23	75-01-4	
Xylene (Total)	ND	ug/kg	16.3	1.4	1		08/04/11 14:23	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	0.38	1		08/04/11 14:23	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	0.24	1		08/04/11 14:23	10061-01-5	
m&p-Xylene	ND	ug/kg	10.9	1.4	1		08/04/11 14:23	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.4	0.83	1		08/04/11 14:23	104-51-8	L3
n-Propylbenzene	ND	ug/kg	5.4	0.64	1		08/04/11 14:23	103-65-1	
o-Xylene	ND	ug/kg	5.4	0.59	1		08/04/11 14:23	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.4	0.70	1		08/04/11 14:23	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.4	0.76	1		08/04/11 14:23	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.4	0.47	1		08/04/11 14:23	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.4	0.62	1		08/04/11 14:23	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	0.54	1		08/04/11 14:23	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	0.38	1		08/04/11 14:23	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105	%	72-129		1		08/04/11 14:23	1868-53-7	
Toluene-d8 (S)	99	%	69-133		1		08/04/11 14:23	2037-26-5	
4-Bromofluorobenzene (S)	103	%	67-142		1		08/04/11 14:23	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	67-136		1		08/04/11 14:23	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	44.8	%	0.10	0.10	1		08/03/11 16:18		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 14-16 Lab ID: 258699008 Collected: 08/01/11 11:30 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1.3J	mg/kg	1.9	0.28	1	08/03/11 15:35	08/14/11 14:17	7440-38-2	
Cadmium	ND	mg/kg	0.93	0.010	1	08/03/11 15:35	08/14/11 14:17	7440-43-9	
Lead	2.0	mg/kg	0.93	0.059	1	08/03/11 15:35	08/14/11 14:17	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	410	130	1	08/05/11 16:40	08/11/11 13:42	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	82	%	26-135		1	08/05/11 16:40	08/11/11 13:42	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		08/04/11 02:21	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/04/11 02:21	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.32	1		08/04/11 02:21	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		08/04/11 02:21	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		08/04/11 02:21	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/04/11 02:21	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.43	1		08/04/11 02:21	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		08/04/11 02:21	563-58-6	
1,2,3-Trichlorobenzene	0.44J	ug/kg	3.4	0.32	1		08/04/11 02:21	87-61-6	B
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		08/04/11 02:21	96-18-4	
1,2,4-Trichlorobenzene	0.44J	ug/kg	3.4	0.28	1		08/04/11 02:21	120-82-1	B
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		08/04/11 02:21	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.45	1		08/04/11 02:21	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/04/11 02:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/04/11 02:21	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/04/11 02:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.43	1		08/04/11 02:21	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/04/11 02:21	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.37	1		08/04/11 02:21	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		08/04/11 02:21	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.32	1		08/04/11 02:21	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/04/11 02:21	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/04/11 02:21	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.5	1.7	1		08/04/11 02:21	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/04/11 02:21	95-49-8	
2-Hexanone	ND	ug/kg	11.5	0.41	1		08/04/11 02:21	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.31	1		08/04/11 02:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.5	0.35	1		08/04/11 02:21	108-10-1	
Acetone	11.7	ug/kg	11.5	1.3	1		08/04/11 02:21	67-64-1	1n,B
Benzene	0.28J	ug/kg	3.4	0.17	1		08/04/11 02:21	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.27	1		08/04/11 02:21	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/04/11 02:21	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.14	1		08/04/11 02:21	75-27-4	
Bromoform	ND	ug/kg	3.4	0.27	1		08/04/11 02:21	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/04/11 02:21	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_43 14-16 Lab ID: 258699008 Collected: 08/01/11 11:30 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.4J	ug/kg	3.4	0.32	1		08/04/11 02:21	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		08/04/11 02:21	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/04/11 02:21	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/04/11 02:21	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/04/11 02:21	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.24	1		08/04/11 02:21	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.12	1		08/04/11 02:21	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/04/11 02:21	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.48	1		08/04/11 02:21	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.44	1		08/04/11 02:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		08/04/11 02:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.40	1		08/04/11 02:21	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.29	1		08/04/11 02:21	1634-04-4	
Methylene chloride	ND	ug/kg	11.5	3.0	1		08/04/11 02:21	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.63	1		08/04/11 02:21	91-20-3	
Styrene	ND	ug/kg	3.4	0.33	1		08/04/11 02:21	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.44	1		08/04/11 02:21	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		08/04/11 02:21	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		08/04/11 02:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/04/11 02:21	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		08/04/11 02:21	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	0.86	1		08/04/11 02:21	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		08/04/11 02:21	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/04/11 02:21	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.86	1		08/04/11 02:21	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		08/04/11 02:21	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		08/04/11 02:21	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/04/11 02:21	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		08/04/11 02:21	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.48	1		08/04/11 02:21	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.30	1		08/04/11 02:21	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.40	1		08/04/11 02:21	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		08/04/11 02:21	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/04/11 02:21	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		72-129		1		08/04/11 02:21	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/04/11 02:21	2037-26-5	
4-Bromofluorobenzene (S)	103 %		67-142		1		08/04/11 02:21	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/04/11 02:21	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.1 %		0.10	0.10	1		08/03/11 16:18		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 1-2 Lab ID: 258699009 Collected: 08/01/11 11:35 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	23.6J	mg/kg	29.9	4.4	20	08/03/11 15:35	08/16/11 20:01	7440-38-2	
Cadmium	ND	mg/kg	1.5	0.016	2	08/03/11 15:35	08/14/11 20:15	7440-43-9	
Lead	11.2J	mg/kg	14.9	0.94	20	08/03/11 15:35	08/16/11 20:01	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	351	111	1	08/05/11 16:40	08/11/11 14:04	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79	%	26-135		1	08/05/11 16:40	08/11/11 14:04	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.15	1		08/04/11 02:38	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.19	1		08/04/11 02:38	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.29	1		08/04/11 02:38	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.29	1		08/04/11 02:38	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.42	1		08/04/11 02:38	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.25	1		08/04/11 02:38	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.39	1		08/04/11 02:38	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.2	0.37	1		08/04/11 02:38	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.29	1		08/04/11 02:38	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.36	1		08/04/11 02:38	96-18-4	
1,2,4-Trichlorobenzene	0.31J	ug/kg	3.2	0.26	1		08/04/11 02:38	120-82-1	B
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.55	1		08/04/11 02:38	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	0.41	1		08/04/11 02:38	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.22	1		08/04/11 02:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		08/04/11 02:38	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.23	1		08/04/11 02:38	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.3	0.39	1		08/04/11 02:38	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.19	1		08/04/11 02:38	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		08/04/11 02:38	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.20	1		08/04/11 02:38	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.29	1		08/04/11 02:38	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.25	1		08/04/11 02:38	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		08/04/11 02:38	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.5	1.6	1		08/04/11 02:38	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.33	1		08/04/11 02:38	95-49-8	
2-Hexanone	ND	ug/kg	10.5	0.38	1		08/04/11 02:38	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.28	1		08/04/11 02:38	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.5	0.32	1		08/04/11 02:38	108-10-1	
Acetone	12.6	ug/kg	10.5	1.2	1		08/04/11 02:38	67-64-1	1n,B
Benzene	0.37J	ug/kg	3.2	0.16	1		08/04/11 02:38	71-43-2	B
Bromobenzene	ND	ug/kg	3.2	0.25	1		08/04/11 02:38	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.23	1		08/04/11 02:38	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.12	1		08/04/11 02:38	75-27-4	
Bromoform	ND	ug/kg	3.2	0.24	1		08/04/11 02:38	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.33	1		08/04/11 02:38	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 1-2 Lab ID: 258699009 Collected: 08/01/11 11:35 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	18.4	ug/kg	3.2	0.29	1		08/04/11 02:38	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.2	0.19	1		08/04/11 02:38	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.19	1		08/04/11 02:38	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.30	1		08/04/11 02:38	75-00-3	
Chloroform	ND	ug/kg	3.2	0.20	1		08/04/11 02:38	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		08/04/11 02:38	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		08/04/11 02:38	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.22	1		08/04/11 02:38	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.44	1		08/04/11 02:38	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.40	1		08/04/11 02:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.31	1		08/04/11 02:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		08/04/11 02:38	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.26	1		08/04/11 02:38	1634-04-4	
Methylene chloride	ND	ug/kg	10.5	2.8	1		08/04/11 02:38	75-09-2	
Naphthalene	ND	ug/kg	3.2	0.58	1		08/04/11 02:38	91-20-3	
Styrene	ND	ug/kg	3.2	0.30	1		08/04/11 02:38	100-42-5	
Tetrachloroethene	ND	ug/kg	3.2	0.40	1		08/04/11 02:38	127-18-4	
Toluene	ND	ug/kg	3.2	0.32	1		08/04/11 02:38	108-88-3	B
Trichloroethene	ND	ug/kg	3.2	0.22	1		08/04/11 02:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.24	1		08/04/11 02:38	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.29	1		08/04/11 02:38	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	0.79	1		08/04/11 02:38	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.22	1		08/04/11 02:38	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		08/04/11 02:38	10061-01-5	
m&p-Xylene	ND	ug/kg	6.3	0.79	1		08/04/11 02:38	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.2	0.48	1		08/04/11 02:38	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.37	1		08/04/11 02:38	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.34	1		08/04/11 02:38	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.2	0.41	1		08/04/11 02:38	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.44	1		08/04/11 02:38	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.27	1		08/04/11 02:38	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.36	1		08/04/11 02:38	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		08/04/11 02:38	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.22	1		08/04/11 02:38	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/04/11 02:38	1868-53-7	
Toluene-d8 (S)	95	%	69-133		1		08/04/11 02:38	2037-26-5	
4-Bromofluorobenzene (S)	100	%	67-142		1		08/04/11 02:38	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	67-136		1		08/04/11 02:38	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	7.6	%	0.10	0.10	1		08/03/11 16:19		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 2-4 Lab ID: 258699010 Collected: 08/01/11 11:40 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	608	mg/kg	9.1	1.4	5	08/03/11 15:35	08/14/11 19:14	7440-38-2	
Cadmium	6.4J	mg/kg	9.1	0.10	10	08/03/11 15:35	08/16/11 20:05	7440-43-9	
Lead	626	mg/kg	4.6	0.29	5	08/03/11 15:35	08/14/11 19:14	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	380	120	1	08/05/11 16:40	08/11/11 18:38	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	93	%	26-135		1	08/05/11 16:40	08/11/11 18:38	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.6	0.13	1		08/04/11 02:55	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.6	0.16	1		08/04/11 02:55	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.6	0.24	1		08/04/11 02:55	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.6	0.24	1		08/04/11 02:55	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.6	0.35	1		08/04/11 02:55	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.6	0.21	1		08/04/11 02:55	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.6	0.32	1		08/04/11 02:55	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.6	0.30	1		08/04/11 02:55	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.6	0.24	1		08/04/11 02:55	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.6	0.30	1		08/04/11 02:55	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.6	0.21	1		08/04/11 02:55	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.6	0.45	1		08/04/11 02:55	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	0.34	1		08/04/11 02:55	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.6	0.18	1		08/04/11 02:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.6	0.21	1		08/04/11 02:55	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.6	0.19	1		08/04/11 02:55	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.2	0.32	1		08/04/11 02:55	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.6	0.16	1		08/04/11 02:55	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.6	0.28	1		08/04/11 02:55	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.6	0.16	1		08/04/11 02:55	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.6	0.24	1		08/04/11 02:55	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.6	0.21	1		08/04/11 02:55	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.6	0.16	1		08/04/11 02:55	594-20-7	
2-Butanone (MEK)	ND	ug/kg	8.7	1.3	1		08/04/11 02:55	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.6	0.27	1		08/04/11 02:55	95-49-8	
2-Hexanone	ND	ug/kg	8.7	0.31	1		08/04/11 02:55	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.6	0.23	1		08/04/11 02:55	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.7	0.26	1		08/04/11 02:55	108-10-1	
Acetone	32.9	ug/kg	8.7	0.95	1		08/04/11 02:55	67-64-1	1n,B
Benzene	0.20J	ug/kg	2.6	0.13	1		08/04/11 02:55	71-43-2	B
Bromobenzene	ND	ug/kg	2.6	0.20	1		08/04/11 02:55	108-86-1	
Bromochloromethane	ND	ug/kg	2.6	0.19	1		08/04/11 02:55	74-97-5	
Bromodichloromethane	ND	ug/kg	2.6	0.10	1		08/04/11 02:55	75-27-4	
Bromoform	ND	ug/kg	2.6	0.20	1		08/04/11 02:55	75-25-2	
Bromomethane	ND	ug/kg	2.6	0.28	1		08/04/11 02:55	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 2-4 Lab ID: 258699010 Collected: 08/01/11 11:40 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.2J	ug/kg	2.6	0.24	1		08/04/11 02:55	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.6	0.16	1		08/04/11 02:55	56-23-5	
Chlorobenzene	ND	ug/kg	2.6	0.16	1		08/04/11 02:55	108-90-7	
Chloroethane	ND	ug/kg	2.6	0.25	1		08/04/11 02:55	75-00-3	
Chloroform	ND	ug/kg	2.6	0.17	1		08/04/11 02:55	67-66-3	
Chloromethane	ND	ug/kg	2.6	0.18	1		08/04/11 02:55	74-87-3	
Dibromochloromethane	ND	ug/kg	2.6	0.087	1		08/04/11 02:55	124-48-1	
Dibromomethane	ND	ug/kg	2.6	0.18	1		08/04/11 02:55	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.6	0.36	1		08/04/11 02:55	75-71-8	
Ethylbenzene	ND	ug/kg	2.6	0.33	1		08/04/11 02:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.6	0.26	1		08/04/11 02:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.6	0.30	1		08/04/11 02:55	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.6	0.22	1		08/04/11 02:55	1634-04-4	
Methylene chloride	ND	ug/kg	8.7	2.3	1		08/04/11 02:55	75-09-2	
Naphthalene	ND	ug/kg	2.6	0.48	1		08/04/11 02:55	91-20-3	
Styrene	ND	ug/kg	2.6	0.25	1		08/04/11 02:55	100-42-5	
Tetrachloroethene	ND	ug/kg	2.6	0.33	1		08/04/11 02:55	127-18-4	
Toluene	ND	ug/kg	2.6	0.27	1		08/04/11 02:55	108-88-3	
Trichloroethene	ND	ug/kg	2.6	0.18	1		08/04/11 02:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.6	0.20	1		08/04/11 02:55	75-69-4	
Vinyl chloride	ND	ug/kg	2.6	0.24	1		08/04/11 02:55	75-01-4	
Xylene (Total)	ND	ug/kg	7.8	0.65	1		08/04/11 02:55	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.6	0.18	1		08/04/11 02:55	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.6	0.11	1		08/04/11 02:55	10061-01-5	
m&p-Xylene	ND	ug/kg	5.2	0.65	1		08/04/11 02:55	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.6	0.40	1		08/04/11 02:55	104-51-8	
n-Propylbenzene	ND	ug/kg	2.6	0.31	1		08/04/11 02:55	103-65-1	
o-Xylene	ND	ug/kg	2.6	0.28	1		08/04/11 02:55	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.6	0.33	1		08/04/11 02:55	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.6	0.36	1		08/04/11 02:55	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.6	0.22	1		08/04/11 02:55	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.6	0.30	1		08/04/11 02:55	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.6	0.26	1		08/04/11 02:55	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.6	0.18	1		08/04/11 02:55	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	72-129		1		08/04/11 02:55	1868-53-7	
Toluene-d8 (S)	96	%	69-133		1		08/04/11 02:55	2037-26-5	
4-Bromofluorobenzene (S)	102	%	67-142		1		08/04/11 02:55	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	67-136		1		08/04/11 02:55	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	13.5	%	0.10	0.10	1		08/03/11 16:19		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 4-6 Lab ID: 258699011 Collected: 08/01/11 11:45 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	57.2	mg/kg	2.1	0.32	1	08/03/11 15:35	08/14/11 14:35	7440-38-2	
Cadmium	0.56J	mg/kg	1.1	0.012	1	08/03/11 15:35	08/14/11 14:35	7440-43-9	
Lead	78.8	mg/kg	1.1	0.068	1	08/03/11 15:35	08/14/11 14:35	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	414	131	1	08/05/11 16:40	08/11/11 19:01	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	89	%	26-135		1	08/05/11 16:40	08/11/11 19:01	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		08/04/11 03:12	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		08/04/11 03:12	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.30	1		08/04/11 03:12	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		08/04/11 03:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.44	1		08/04/11 03:12	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		08/04/11 03:12	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		08/04/11 03:12	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.38	1		08/04/11 03:12	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		08/04/11 03:12	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		08/04/11 03:12	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		08/04/11 03:12	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.57	1		08/04/11 03:12	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		08/04/11 03:12	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		08/04/11 03:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/04/11 03:12	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.24	1		08/04/11 03:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.6	0.41	1		08/04/11 03:12	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/04/11 03:12	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		08/04/11 03:12	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		08/04/11 03:12	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.30	1		08/04/11 03:12	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.26	1		08/04/11 03:12	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		08/04/11 03:12	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.0	1.7	1		08/04/11 03:12	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		08/04/11 03:12	95-49-8	
2-Hexanone	ND	ug/kg	11.0	0.40	1		08/04/11 03:12	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		08/04/11 03:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.0	0.33	1		08/04/11 03:12	108-10-1	
Acetone	29.3	ug/kg	11.0	1.2	1		08/04/11 03:12	67-64-1	1n,B
Benzene	0.72J	ug/kg	3.3	0.16	1		08/04/11 03:12	71-43-2	B
Bromobenzene	ND	ug/kg	3.3	0.26	1		08/04/11 03:12	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		08/04/11 03:12	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		08/04/11 03:12	75-27-4	
Bromoform	ND	ug/kg	3.3	0.25	1		08/04/11 03:12	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		08/04/11 03:12	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 4-6 Lab ID: 258699011 Collected: 08/01/11 11:45 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	2.9J	ug/kg	3.3	0.31	1		08/04/11 03:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		08/04/11 03:12	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		08/04/11 03:12	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		08/04/11 03:12	75-00-3	
Chloroform	ND	ug/kg	3.3	0.21	1		08/04/11 03:12	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		08/04/11 03:12	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		08/04/11 03:12	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		08/04/11 03:12	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		08/04/11 03:12	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		08/04/11 03:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		08/04/11 03:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		08/04/11 03:12	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.27	1		08/04/11 03:12	1634-04-4	
Methylene chloride	ND	ug/kg	11.0	2.9	1		08/04/11 03:12	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.60	1		08/04/11 03:12	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		08/04/11 03:12	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		08/04/11 03:12	127-18-4	
Toluene	0.55J	ug/kg	3.3	0.34	1		08/04/11 03:12	108-88-3	B
Trichloroethene	ND	ug/kg	3.3	0.23	1		08/04/11 03:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		08/04/11 03:12	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		08/04/11 03:12	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	0.82	1		08/04/11 03:12	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		08/04/11 03:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		08/04/11 03:12	10061-01-5	
m&p-Xylene	ND	ug/kg	6.6	0.82	1		08/04/11 03:12	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.50	1		08/04/11 03:12	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		08/04/11 03:12	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		08/04/11 03:12	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.42	1		08/04/11 03:12	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		08/04/11 03:12	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.28	1		08/04/11 03:12	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		08/04/11 03:12	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		08/04/11 03:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		08/04/11 03:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/04/11 03:12	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/04/11 03:12	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/04/11 03:12	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/04/11 03:12	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.5 %		0.10	0.10	1		08/03/11 16:20		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 6-8 Lab ID: 258699012 Collected: 08/01/11 11:50 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	6970	mg/kg	13.0	1.9	5	08/03/11 15:35	08/15/11 17:31	7440-38-2	
Cadmium	74.7	mg/kg	2.6	0.029	2	08/03/11 15:35	08/14/11 20:23	7440-43-9	
Lead	14800	mg/kg	13.0	0.82	10	08/03/11 15:35	08/16/11 20:09	7439-92-1	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	450	143	1	08/05/11 16:40	08/11/11 20:09	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79	%	26-135		1	08/05/11 16:40	08/11/11 20:09	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.19	1		08/04/11 03:29	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		08/04/11 03:29	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		08/04/11 03:29	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.35	1		08/04/11 03:29	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.51	1		08/04/11 03:29	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		08/04/11 03:29	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.47	1		08/04/11 03:29	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.44	1		08/04/11 03:29	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		08/04/11 03:29	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.43	1		08/04/11 03:29	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.31	1		08/04/11 03:29	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	0.66	1		08/04/11 03:29	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	0.50	1		08/04/11 03:29	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.27	1		08/04/11 03:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/04/11 03:29	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		08/04/11 03:29	107-06-2	
1,2-Dichloroethene (Total)	16.4	ug/kg	7.6	0.47	1		08/04/11 03:29	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/04/11 03:29	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.41	1		08/04/11 03:29	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		08/04/11 03:29	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		08/04/11 03:29	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/04/11 03:29	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.24	1		08/04/11 03:29	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.7	1.9	1		08/04/11 03:29	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.40	1		08/04/11 03:29	95-49-8	
2-Hexanone	ND	ug/kg	12.7	0.46	1		08/04/11 03:29	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.34	1		08/04/11 03:29	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.7	0.39	1		08/04/11 03:29	108-10-1	
Acetone	40.0	ug/kg	12.7	1.4	1		08/04/11 03:29	67-64-1	1n,B
Benzene	1.4J	ug/kg	3.8	0.19	1		08/04/11 03:29	71-43-2	B
Bromobenzene	ND	ug/kg	3.8	0.30	1		08/04/11 03:29	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		08/04/11 03:29	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		08/04/11 03:29	75-27-4	
Bromoform	ND	ug/kg	3.8	0.29	1		08/04/11 03:29	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.40	1		08/04/11 03:29	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 6-8 Lab ID: 258699012 Collected: 08/01/11 11:50 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.4J	ug/kg	3.8	0.35	1		08/04/11 03:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		08/04/11 03:29	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		08/04/11 03:29	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.37	1		08/04/11 03:29	75-00-3	
Chloroform	ND	ug/kg	3.8	0.25	1		08/04/11 03:29	67-66-3	
Chloromethane	ND	ug/kg	3.8	0.26	1		08/04/11 03:29	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		08/04/11 03:29	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.27	1		08/04/11 03:29	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.53	1		08/04/11 03:29	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.48	1		08/04/11 03:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.38	1		08/04/11 03:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.44	1		08/04/11 03:29	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.32	1		08/04/11 03:29	1634-04-4	
Methylene chloride	ND	ug/kg	12.7	3.4	1		08/04/11 03:29	75-09-2	
Naphthalene	ND	ug/kg	3.8	0.70	1		08/04/11 03:29	91-20-3	
Styrene	ND	ug/kg	3.8	0.37	1		08/04/11 03:29	100-42-5	
Tetrachloroethene	1.8J	ug/kg	3.8	0.49	1		08/04/11 03:29	127-18-4	
Toluene	0.60J	ug/kg	3.8	0.39	1		08/04/11 03:29	108-88-3	B
Trichloroethene	ND	ug/kg	3.8	0.27	1		08/04/11 03:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		08/04/11 03:29	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	0.36	1		08/04/11 03:29	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	0.95	1		08/04/11 03:29	1330-20-7	
cis-1,2-Dichloroethene	16.4	ug/kg	3.8	0.27	1		08/04/11 03:29	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.17	1		08/04/11 03:29	10061-01-5	
m&p-Xylene	ND	ug/kg	7.6	0.95	1		08/04/11 03:29	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	0.58	1		08/04/11 03:29	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	0.45	1		08/04/11 03:29	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.41	1		08/04/11 03:29	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	0.49	1		08/04/11 03:29	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	0.53	1		08/04/11 03:29	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.33	1		08/04/11 03:29	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.44	1		08/04/11 03:29	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		08/04/11 03:29	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.27	1		08/04/11 03:29	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	72-129		1		08/04/11 03:29	1868-53-7	
Toluene-d8 (S)	100	%	69-133		1		08/04/11 03:29	2037-26-5	
4-Bromofluorobenzene (S)	113	%	67-142		1		08/04/11 03:29	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	67-136		1		08/04/11 03:29	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	28.8	%	0.10	0.10	1		08/03/11 16:21		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 8-10 Lab ID: 258699013 Collected: 08/01/11 11:55 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1900	mg/kg	4.8	0.71	2	08/03/11 15:35	08/15/11 17:35	7440-38-2	
Cadmium	18.4	mg/kg	1.2	0.013	1	08/03/11 15:35	08/14/11 14:42	7440-43-9	
Lead	6.3	mg/kg	1.2	0.075	1	08/03/11 15:35	08/14/11 14:42	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	479	152	1	08/05/11 16:40	08/11/11 14:27	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	97	%	26-135		1	08/05/11 16:40	08/11/11 14:27	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	0.25	1		08/04/11 03:46	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.1	0.31	1		08/04/11 03:46	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	0.47	1		08/04/11 03:46	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.1	0.47	1		08/04/11 03:46	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.1	0.68	1		08/04/11 03:46	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.1	0.40	1		08/04/11 03:46	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.1	0.63	1		08/04/11 03:46	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.1	0.59	1		08/04/11 03:46	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	0.47	1		08/04/11 03:46	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.1	0.58	1		08/04/11 03:46	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	0.41	1		08/04/11 03:46	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	0.88	1		08/04/11 03:46	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.5	0.66	1		08/04/11 03:46	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	0.36	1		08/04/11 03:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.1	0.42	1		08/04/11 03:46	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.1	0.38	1		08/04/11 03:46	107-06-2	
1,2-Dichloroethene (Total)	3.7J	ug/kg	10.2	0.63	1		08/04/11 03:46	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.1	0.31	1		08/04/11 03:46	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	0.54	1		08/04/11 03:46	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.1	0.32	1		08/04/11 03:46	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.1	0.47	1		08/04/11 03:46	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.1	0.41	1		08/04/11 03:46	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.1	0.32	1		08/04/11 03:46	594-20-7	
2-Butanone (MEK)	ND	ug/kg	17.0	2.6	1		08/04/11 03:46	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.1	0.53	1		08/04/11 03:46	95-49-8	
2-Hexanone	ND	ug/kg	17.0	0.61	1		08/04/11 03:46	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.1	0.45	1		08/04/11 03:46	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.0	0.52	1		08/04/11 03:46	108-10-1	
Acetone	35.9	ug/kg	17.0	1.9	1		08/04/11 03:46	67-64-1	1n,B
Benzene	0.27J	ug/kg	5.1	0.26	1		08/04/11 03:46	71-43-2	B
Bromobenzene	ND	ug/kg	5.1	0.40	1		08/04/11 03:46	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	0.37	1		08/04/11 03:46	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	0.20	1		08/04/11 03:46	75-27-4	
Bromoform	ND	ug/kg	5.1	0.39	1		08/04/11 03:46	75-25-2	
Bromomethane	ND	ug/kg	5.1	0.54	1		08/04/11 03:46	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 8-10 Lab ID: 258699013 Collected: 08/01/11 11:55 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.2J	ug/kg	5.1	0.47	1		08/04/11 03:46	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.1	0.31	1		08/04/11 03:46	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	0.31	1		08/04/11 03:46	108-90-7	
Chloroethane	ND	ug/kg	5.1	0.49	1		08/04/11 03:46	75-00-3	
Chloroform	ND	ug/kg	5.1	0.33	1		08/04/11 03:46	67-66-3	
Chloromethane	ND	ug/kg	5.1	0.35	1		08/04/11 03:46	74-87-3	
Dibromochloromethane	ND	ug/kg	5.1	0.17	1		08/04/11 03:46	124-48-1	
Dibromomethane	ND	ug/kg	5.1	0.35	1		08/04/11 03:46	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.1	0.71	1		08/04/11 03:46	75-71-8	
Ethylbenzene	ND	ug/kg	5.1	0.64	1		08/04/11 03:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	0.50	1		08/04/11 03:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	0.59	1		08/04/11 03:46	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.1	0.42	1		08/04/11 03:46	1634-04-4	
Methylene chloride	ND	ug/kg	17.0	4.5	1		08/04/11 03:46	75-09-2	
Naphthalene	ND	ug/kg	5.1	0.93	1		08/04/11 03:46	91-20-3	
Styrene	ND	ug/kg	5.1	0.49	1		08/04/11 03:46	100-42-5	
Tetrachloroethene	ND	ug/kg	5.1	0.65	1		08/04/11 03:46	127-18-4	
Toluene	ND	ug/kg	5.1	0.52	1		08/04/11 03:46	108-88-3	
Trichloroethene	0.39J	ug/kg	5.1	0.36	1		08/04/11 03:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	0.39	1		08/04/11 03:46	75-69-4	
Vinyl chloride	ND	ug/kg	5.1	0.48	1		08/04/11 03:46	75-01-4	
Xylene (Total)	ND	ug/kg	15.3	1.3	1		08/04/11 03:46	1330-20-7	
cis-1,2-Dichloroethene	3.7J	ug/kg	5.1	0.36	1		08/04/11 03:46	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	0.22	1		08/04/11 03:46	10061-01-5	
m&p-Xylene	ND	ug/kg	10.2	1.3	1		08/04/11 03:46	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.1	0.78	1		08/04/11 03:46	104-51-8	
n-Propylbenzene	ND	ug/kg	5.1	0.60	1		08/04/11 03:46	103-65-1	
o-Xylene	ND	ug/kg	5.1	0.55	1		08/04/11 03:46	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.1	0.65	1		08/04/11 03:46	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.1	0.71	1		08/04/11 03:46	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.1	0.44	1		08/04/11 03:46	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.1	0.59	1		08/04/11 03:46	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	0.51	1		08/04/11 03:46	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	0.36	1		08/04/11 03:46	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109	%	72-129		1		08/04/11 03:46	1868-53-7	
Toluene-d8 (S)	97	%	69-133		1		08/04/11 03:46	2037-26-5	
4-Bromofluorobenzene (S)	102	%	67-142		1		08/04/11 03:46	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	67-136		1		08/04/11 03:46	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	31.1	%	0.10	0.10	1		08/02/11 16:54		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 10-12 Lab ID: 258699014 Collected: 08/01/11 12:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1460	mg/kg	5.0	0.75	2	08/03/11 15:35	08/14/11 20:26	7440-38-2	
Cadmium	14.5	mg/kg	2.5	0.028	2	08/03/11 15:35	08/14/11 20:26	7440-43-9	
Lead	7.9	mg/kg	1.3	0.079	1	08/03/11 15:35	08/14/11 14:46	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	501	159	1	08/05/11 16:40	08/11/11 14:50	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	96	%	26-135		1	08/05/11 16:40	08/11/11 14:50	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	0.23	1		08/04/11 04:03	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.6	0.28	1		08/04/11 04:03	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	0.43	1		08/04/11 04:03	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.6	0.43	1		08/04/11 04:03	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.6	0.62	1		08/04/11 04:03	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.6	0.37	1		08/04/11 04:03	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.6	0.57	1		08/04/11 04:03	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.6	0.54	1		08/04/11 04:03	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	0.43	1		08/04/11 04:03	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.6	0.53	1		08/04/11 04:03	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	0.37	1		08/04/11 04:03	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	0.80	1		08/04/11 04:03	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.7	0.60	1		08/04/11 04:03	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	0.32	1		08/04/11 04:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.6	0.38	1		08/04/11 04:03	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.6	0.34	1		08/04/11 04:03	107-06-2	
1,2-Dichloroethene (Total)	22.7	ug/kg	9.2	0.57	1		08/04/11 04:03	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.6	0.28	1		08/04/11 04:03	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	0.49	1		08/04/11 04:03	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.6	0.29	1		08/04/11 04:03	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.6	0.43	1		08/04/11 04:03	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.6	0.37	1		08/04/11 04:03	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.6	0.29	1		08/04/11 04:03	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.4	2.3	1		08/04/11 04:03	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.6	0.48	1		08/04/11 04:03	95-49-8	
2-Hexanone	ND	ug/kg	15.4	0.55	1		08/04/11 04:03	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.6	0.41	1		08/04/11 04:03	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.4	0.47	1		08/04/11 04:03	108-10-1	
Acetone	66.6	ug/kg	15.4	1.7	1		08/04/11 04:03	67-64-1	1n,B
Benzene	0.49J	ug/kg	4.6	0.23	1		08/04/11 04:03	71-43-2	B
Bromobenzene	ND	ug/kg	4.6	0.36	1		08/04/11 04:03	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	0.34	1		08/04/11 04:03	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	0.18	1		08/04/11 04:03	75-27-4	
Bromoform	ND	ug/kg	4.6	0.36	1		08/04/11 04:03	75-25-2	
Bromomethane	ND	ug/kg	4.6	0.49	1		08/04/11 04:03	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 10-12 Lab ID: 258699014 Collected: 08/01/11 12:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	10.1	ug/kg	4.6	0.43	1		08/04/11 04:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	0.28	1		08/04/11 04:03	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	0.28	1		08/04/11 04:03	108-90-7	
Chloroethane	ND	ug/kg	4.6	0.45	1		08/04/11 04:03	75-00-3	
Chloroform	ND	ug/kg	4.6	0.30	1		08/04/11 04:03	67-66-3	
Chloromethane	ND	ug/kg	4.6	0.32	1		08/04/11 04:03	74-87-3	
Dibromochloromethane	ND	ug/kg	4.6	0.16	1		08/04/11 04:03	124-48-1	
Dibromomethane	ND	ug/kg	4.6	0.32	1		08/04/11 04:03	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.6	0.64	1		08/04/11 04:03	75-71-8	
Ethylbenzene	ND	ug/kg	4.6	0.58	1		08/04/11 04:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	0.46	1		08/04/11 04:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	0.53	1		08/04/11 04:03	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.6	0.38	1		08/04/11 04:03	1634-04-4	
Methylene chloride	ND	ug/kg	15.4	4.1	1		08/04/11 04:03	75-09-2	
Naphthalene	ND	ug/kg	4.6	0.85	1		08/04/11 04:03	91-20-3	
Styrene	ND	ug/kg	4.6	0.44	1		08/04/11 04:03	100-42-5	
Tetrachloroethene	ND	ug/kg	4.6	0.59	1		08/04/11 04:03	127-18-4	
Toluene	ND	ug/kg	4.6	0.48	1		08/04/11 04:03	108-88-3	
Trichloroethene	1.5J	ug/kg	4.6	0.32	1		08/04/11 04:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	0.35	1		08/04/11 04:03	75-69-4	
Vinyl chloride	ND	ug/kg	4.6	0.43	1		08/04/11 04:03	75-01-4	
Xylene (Total)	ND	ug/kg	13.9	1.2	1		08/04/11 04:03	1330-20-7	
cis-1,2-Dichloroethene	21.2	ug/kg	4.6	0.32	1		08/04/11 04:03	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	0.20	1		08/04/11 04:03	10061-01-5	
m&p-Xylene	ND	ug/kg	9.2	1.2	1		08/04/11 04:03	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.6	0.70	1		08/04/11 04:03	104-51-8	
n-Propylbenzene	ND	ug/kg	4.6	0.54	1		08/04/11 04:03	103-65-1	
o-Xylene	ND	ug/kg	4.6	0.50	1		08/04/11 04:03	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.6	0.59	1		08/04/11 04:03	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.6	0.64	1		08/04/11 04:03	135-98-8	
tert-Amylmethyl ether	2.5J	ug/kg	4.6	0.40	1		08/04/11 04:03	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.6	0.53	1		08/04/11 04:03	98-06-6	
trans-1,2-Dichloroethene	1.4J	ug/kg	4.6	0.46	1		08/04/11 04:03	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	0.32	1		08/04/11 04:03	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105	%	72-129		1		08/04/11 04:03	1868-53-7	
Toluene-d8 (S)	98	%	69-133		1		08/04/11 04:03	2037-26-5	
4-Bromofluorobenzene (S)	104	%	67-142		1		08/04/11 04:03	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	67-136		1		08/04/11 04:03	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	36.0	%	0.10	0.10	1		08/02/11 16:54		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 12-14 Lab ID: 258699015 Collected: 08/01/11 12:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	555	mg/kg	4.5	0.66	2	08/03/11 15:35	08/14/11 20:30	7440-38-2	
Cadmium	5.3	mg/kg	2.2	0.025	2	08/03/11 15:35	08/14/11 20:30	7440-43-9	
Lead	4.8	mg/kg	1.1	0.070	1	08/03/11 15:35	08/14/11 14:49	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	444	141	1	08/05/11 16:40	08/11/11 15:13	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	87	%	26-135		1	08/05/11 16:40	08/11/11 15:13	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		08/04/11 04:19	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/04/11 04:19	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.32	1		08/04/11 04:19	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		08/04/11 04:19	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		08/04/11 04:19	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/04/11 04:19	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/04/11 04:19	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		08/04/11 04:19	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.32	1		08/04/11 04:19	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		08/04/11 04:19	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		08/04/11 04:19	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		08/04/11 04:19	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.44	1		08/04/11 04:19	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/04/11 04:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/04/11 04:19	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/04/11 04:19	107-06-2	
1,2-Dichloroethene (Total)	24.1	ug/kg	6.8	0.42	1		08/04/11 04:19	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/04/11 04:19	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/04/11 04:19	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		08/04/11 04:19	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.32	1		08/04/11 04:19	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/04/11 04:19	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/04/11 04:19	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.4	1.7	1		08/04/11 04:19	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/04/11 04:19	95-49-8	
2-Hexanone	ND	ug/kg	11.4	0.41	1		08/04/11 04:19	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/04/11 04:19	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.4	0.35	1		08/04/11 04:19	108-10-1	
Acetone	25.7	ug/kg	11.4	1.3	1		08/04/11 04:19	67-64-1	1n,B
Benzene	0.26J	ug/kg	3.4	0.17	1		08/04/11 04:19	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.27	1		08/04/11 04:19	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/04/11 04:19	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/04/11 04:19	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/04/11 04:19	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/04/11 04:19	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 12-14 Lab ID: 258699015 Collected: 08/01/11 12:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.7J	ug/kg	3.4	0.32	1		08/04/11 04:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		08/04/11 04:19	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/04/11 04:19	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/04/11 04:19	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/04/11 04:19	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		08/04/11 04:19	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		08/04/11 04:19	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/04/11 04:19	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		08/04/11 04:19	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		08/04/11 04:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		08/04/11 04:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.40	1		08/04/11 04:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		08/04/11 04:19	1634-04-4	
Methylene chloride	ND	ug/kg	11.4	3.0	1		08/04/11 04:19	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.63	1		08/04/11 04:19	91-20-3	
Styrene	ND	ug/kg	3.4	0.33	1		08/04/11 04:19	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.44	1		08/04/11 04:19	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		08/04/11 04:19	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		08/04/11 04:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/04/11 04:19	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		08/04/11 04:19	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	0.85	1		08/04/11 04:19	1330-20-7	
cis-1,2-Dichloroethene	23.4	ug/kg	3.4	0.24	1		08/04/11 04:19	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/04/11 04:19	10061-01-5	
m&p-Xylene	ND	ug/kg	6.8	0.85	1		08/04/11 04:19	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		08/04/11 04:19	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		08/04/11 04:19	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/04/11 04:19	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		08/04/11 04:19	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.48	1		08/04/11 04:19	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.30	1		08/04/11 04:19	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/04/11 04:19	98-06-6	
trans-1,2-Dichloroethene	0.65J	ug/kg	3.4	0.34	1		08/04/11 04:19	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/04/11 04:19	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/04/11 04:19	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/04/11 04:19	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/04/11 04:19	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/04/11 04:19	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	26.5 %		0.10	0.10	1		08/02/11 16:55		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 14-16 Lab ID: 258699016 Collected: 08/01/11 12:10 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	104	mg/kg	1.8	0.26	1	08/03/11 15:35	08/14/11 14:53	7440-38-2	
Cadmium	0.98	mg/kg	0.89	0.0097	1	08/03/11 15:35	08/14/11 14:53	7440-43-9	
Lead	1.0	mg/kg	0.89	0.056	1	08/03/11 15:35	08/14/11 14:53	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	394	125	1	08/05/11 16:40	08/11/11 15:36	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	89	%	26-135		1	08/05/11 16:40	08/11/11 15:36	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/04/11 04:36	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/04/11 04:36	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/04/11 04:36	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/04/11 04:36	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.41	1		08/04/11 04:36	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/04/11 04:36	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/04/11 04:36	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/04/11 04:36	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/04/11 04:36	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/04/11 04:36	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.25	1		08/04/11 04:36	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/04/11 04:36	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/04/11 04:36	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/04/11 04:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/04/11 04:36	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/04/11 04:36	107-06-2	
1,2-Dichloroethene (Total)	2.8J	ug/kg	6.0	0.37	1		08/04/11 04:36	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/04/11 04:36	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/04/11 04:36	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/04/11 04:36	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/04/11 04:36	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/04/11 04:36	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/04/11 04:36	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.1	1.5	1		08/04/11 04:36	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.32	1		08/04/11 04:36	95-49-8	
2-Hexanone	ND	ug/kg	10.1	0.36	1		08/04/11 04:36	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/04/11 04:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.1	0.31	1		08/04/11 04:36	108-10-1	
Acetone	34.7	ug/kg	10.1	1.1	1		08/04/11 04:36	67-64-1	1n,B
Benzene	0.26J	ug/kg	3.0	0.15	1		08/04/11 04:36	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.24	1		08/04/11 04:36	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/04/11 04:36	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/04/11 04:36	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/04/11 04:36	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/04/11 04:36	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_44 14-16 Lab ID: 258699016 Collected: 08/01/11 12:10 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	2.3J	ug/kg	3.0	0.28	1		08/04/11 04:36	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/04/11 04:36	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/04/11 04:36	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/04/11 04:36	75-00-3	
Chloroform	ND	ug/kg	3.0	0.20	1		08/04/11 04:36	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/04/11 04:36	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/04/11 04:36	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/04/11 04:36	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/04/11 04:36	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/04/11 04:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/04/11 04:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/04/11 04:36	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/04/11 04:36	1634-04-4	
Methylene chloride	ND	ug/kg	10.1	2.7	1		08/04/11 04:36	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		08/04/11 04:36	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/04/11 04:36	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.39	1		08/04/11 04:36	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		08/04/11 04:36	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/04/11 04:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/04/11 04:36	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/04/11 04:36	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	0.75	1		08/04/11 04:36	1330-20-7	
cis-1,2-Dichloroethene	2.8J	ug/kg	3.0	0.21	1		08/04/11 04:36	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/04/11 04:36	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/04/11 04:36	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/04/11 04:36	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/04/11 04:36	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/04/11 04:36	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.39	1		08/04/11 04:36	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/04/11 04:36	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/04/11 04:36	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.35	1		08/04/11 04:36	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/04/11 04:36	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/04/11 04:36	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110	%	72-129		1		08/04/11 04:36	1868-53-7	
Toluene-d8 (S)	91	%	69-133		1		08/04/11 04:36	2037-26-5	
4-Bromofluorobenzene (S)	103	%	67-142		1		08/04/11 04:36	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	67-136		1		08/04/11 04:36	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.6	%	0.10	0.10	1		08/02/11 16:55		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_45 1-2 Lab ID: 258699017 Collected: 08/01/11 12:30 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	21.2	mg/kg	1.6	0.23	1	08/03/11 15:35	08/14/11 14:56	7440-38-2	
Cadmium	0.093J	mg/kg	0.78	0.0085	1	08/03/11 15:35	08/14/11 14:56	7440-43-9	
Lead	23.4	mg/kg	0.78	0.049	1	08/03/11 15:35	08/14/11 14:56	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	364	115	1	08/05/11 16:40	08/11/11 17:29	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	92	%	26-135		1	08/05/11 16:40	08/11/11 17:29	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	0.14	1		08/04/11 04:53	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.9	0.18	1		08/04/11 04:53	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	0.27	1		08/04/11 04:53	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.9	0.27	1		08/04/11 04:53	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	0.39	1		08/04/11 04:53	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.9	0.23	1		08/04/11 04:53	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.9	0.36	1		08/04/11 04:53	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.9	0.34	1		08/04/11 04:53	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	0.27	1		08/04/11 04:53	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.9	0.33	1		08/04/11 04:53	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	0.24	1		08/04/11 04:53	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	0.51	1		08/04/11 04:53	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	0.38	1		08/04/11 04:53	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	0.21	1		08/04/11 04:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.9	0.24	1		08/04/11 04:53	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.9	0.22	1		08/04/11 04:53	107-06-2	
1,2-Dichloroethene (Total)	0.52J	ug/kg	5.9	0.36	1		08/04/11 04:53	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/04/11 04:53	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	0.31	1		08/04/11 04:53	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.9	0.19	1		08/04/11 04:53	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.9	0.27	1		08/04/11 04:53	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.9	0.24	1		08/04/11 04:53	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/04/11 04:53	594-20-7	
2-Butanone (MEK)	12.0	ug/kg	9.8	1.5	1		08/04/11 04:53	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.9	0.31	1		08/04/11 04:53	95-49-8	
2-Hexanone	ND	ug/kg	9.8	0.35	1		08/04/11 04:53	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.9	0.26	1		08/04/11 04:53	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.8	0.30	1		08/04/11 04:53	108-10-1	
Acetone	68.6	ug/kg	9.8	1.1	1		08/04/11 04:53	67-64-1	1n,B
Benzene	0.24J	ug/kg	2.9	0.15	1		08/04/11 04:53	71-43-2	B
Bromobenzene	ND	ug/kg	2.9	0.23	1		08/04/11 04:53	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	0.22	1		08/04/11 04:53	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	0.12	1		08/04/11 04:53	75-27-4	
Bromoform	ND	ug/kg	2.9	0.23	1		08/04/11 04:53	75-25-2	
Bromomethane	ND	ug/kg	2.9	0.31	1		08/04/11 04:53	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 1-2 Lab ID: 258699017 Collected: 08/01/11 12:30 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	ND	ug/kg	2.9	0.27	1		08/04/11 04:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.9	0.18	1		08/04/11 04:53	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	0.18	1		08/04/11 04:53	108-90-7	
Chloroethane	ND	ug/kg	2.9	0.28	1		08/04/11 04:53	75-00-3	
Chloroform	ND	ug/kg	2.9	0.19	1		08/04/11 04:53	67-66-3	
Chloromethane	ND	ug/kg	2.9	0.20	1		08/04/11 04:53	74-87-3	
Dibromochloromethane	ND	ug/kg	2.9	0.099	1		08/04/11 04:53	124-48-1	
Dibromomethane	ND	ug/kg	2.9	0.20	1		08/04/11 04:53	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.9	0.41	1		08/04/11 04:53	75-71-8	
Ethylbenzene	ND	ug/kg	2.9	0.37	1		08/04/11 04:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.9	0.29	1		08/04/11 04:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	0.34	1		08/04/11 04:53	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.9	0.24	1		08/04/11 04:53	1634-04-4	
Methylene chloride	ND	ug/kg	9.8	2.6	1		08/04/11 04:53	75-09-2	
Naphthalene	ND	ug/kg	2.9	0.54	1		08/04/11 04:53	91-20-3	
Styrene	ND	ug/kg	2.9	0.28	1		08/04/11 04:53	100-42-5	
Tetrachloroethene	0.81J	ug/kg	2.9	0.37	1		08/04/11 04:53	127-18-4	
Toluene	0.57J	ug/kg	2.9	0.30	1		08/04/11 04:53	108-88-3	B
Trichloroethene	0.87J	ug/kg	2.9	0.21	1		08/04/11 04:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.9	0.22	1		08/04/11 04:53	75-69-4	
Vinyl chloride	ND	ug/kg	2.9	0.27	1		08/04/11 04:53	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	0.73	1		08/04/11 04:53	1330-20-7	
cis-1,2-Dichloroethene	0.52J	ug/kg	2.9	0.20	1		08/04/11 04:53	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	0.13	1		08/04/11 04:53	10061-01-5	
m&p-Xylene	ND	ug/kg	5.9	0.73	1		08/04/11 04:53	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.9	0.45	1		08/04/11 04:53	104-51-8	
n-Propylbenzene	ND	ug/kg	2.9	0.34	1		08/04/11 04:53	103-65-1	
o-Xylene	ND	ug/kg	2.9	0.32	1		08/04/11 04:53	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.9	0.38	1		08/04/11 04:53	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.9	0.41	1		08/04/11 04:53	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.9	0.25	1		08/04/11 04:53	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.9	0.34	1		08/04/11 04:53	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	0.29	1		08/04/11 04:53	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	0.21	1		08/04/11 04:53	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/04/11 04:53	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/04/11 04:53	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/04/11 04:53	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/04/11 04:53	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	10.5 %		0.10	0.10	1		08/02/11 16:56		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 2-4 Lab ID: 258699018 Collected: 08/01/11 12:35 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	67.6	mg/kg	4.2	0.63	2	08/03/11 15:35	08/14/11 20:33	7440-38-2	
Cadmium	0.57J	mg/kg	2.1	0.023	2	08/03/11 15:35	08/14/11 20:33	7440-43-9	
Lead	37.5	mg/kg	1.1	0.066	1	08/03/11 15:35	08/14/11 15:00	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	413	131	1	08/05/11 16:40	08/11/11 19:23	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	82	%	26-135		1	08/05/11 16:40	08/11/11 19:23	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/04/11 05:10	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/04/11 05:10	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/04/11 05:10	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/04/11 05:10	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/04/11 05:10	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/04/11 05:10	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/04/11 05:10	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/04/11 05:10	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/04/11 05:10	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/04/11 05:10	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/04/11 05:10	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/04/11 05:10	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/04/11 05:10	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/04/11 05:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/04/11 05:10	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/04/11 05:10	107-06-2	
1,2-Dichloroethene (Total)	3.6J	ug/kg	6.0	0.37	1		08/04/11 05:10	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/04/11 05:10	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/04/11 05:10	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/04/11 05:10	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/04/11 05:10	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/04/11 05:10	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/04/11 05:10	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10	1.5	1		08/04/11 05:10	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/04/11 05:10	95-49-8	
2-Hexanone	ND	ug/kg	10	0.36	1		08/04/11 05:10	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/04/11 05:10	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10	0.30	1		08/04/11 05:10	108-10-1	
Acetone	64.1	ug/kg	10	1.1	1		08/04/11 05:10	67-64-1	1n,B
Benzene	ND	ug/kg	3.0	0.15	1		08/04/11 05:10	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/04/11 05:10	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/04/11 05:10	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/04/11 05:10	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/04/11 05:10	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/04/11 05:10	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 2-4 Lab ID: 258699018 Collected: 08/01/11 12:35 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	0.64J	ug/kg	3.0	0.28	1		08/04/11 05:10	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/04/11 05:10	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/04/11 05:10	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/04/11 05:10	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/04/11 05:10	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/04/11 05:10	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/04/11 05:10	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/04/11 05:10	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/04/11 05:10	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/04/11 05:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/04/11 05:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/04/11 05:10	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/04/11 05:10	1634-04-4	
Methylene chloride	ND	ug/kg	10	2.6	1		08/04/11 05:10	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		08/04/11 05:10	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/04/11 05:10	100-42-5	
Tetrachloroethene	3.2	ug/kg	3.0	0.38	1		08/04/11 05:10	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		08/04/11 05:10	108-88-3	
Trichloroethene	1.9J	ug/kg	3.0	0.21	1		08/04/11 05:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/04/11 05:10	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/04/11 05:10	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/04/11 05:10	1330-20-7	
cis-1,2-Dichloroethene	3.6	ug/kg	3.0	0.21	1		08/04/11 05:10	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/04/11 05:10	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/04/11 05:10	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/04/11 05:10	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/04/11 05:10	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/04/11 05:10	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/04/11 05:10	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/04/11 05:10	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/04/11 05:10	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/04/11 05:10	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/04/11 05:10	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/04/11 05:10	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		72-129		1		08/04/11 05:10	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/04/11 05:10	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/04/11 05:10	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/04/11 05:10	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.3	%	0.10	0.10	1		08/02/11 16:56		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 4-6 Lab ID: 258699019 Collected: 08/01/11 12:40 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4080	mg/kg	24.6	3.7	10	08/03/11 15:35	08/14/11 18:34	7440-38-2	
Cadmium	45.9	mg/kg	12.3	0.14	10	08/03/11 15:35	08/14/11 18:34	7440-43-9	
Lead	2950	mg/kg	6.2	0.39	5	08/03/11 15:35	08/14/11 19:17	7439-92-1	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	527	167	1	08/05/11 16:40	08/11/11 22:02	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	2	%	26-135		1	08/05/11 16:40	08/11/11 22:02	118-79-6	S2
8260 MSV 5035A Med Level VOA Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B									
1,2-Dichloroethene (Total)	34400	ug/kg	2550	93.8	10	08/15/11 00:00	08/15/11 23:44	540-59-0	
Tetrachloroethene	145000	ug/kg	1270	99.2	10	08/15/11 00:00	08/15/11 23:44	127-18-4	2n,CH
Trichloroethene	51200	ug/kg	1270	40.0	10	08/15/11 00:00	08/15/11 23:44	79-01-6	2n,CH
Vinyl chloride	4930	ug/kg	1270	58.6	10	08/15/11 00:00	08/15/11 23:44	75-01-4	2n,CH
cis-1,2-Dichloroethene	33700	ug/kg	1270	51.0	10	08/15/11 00:00	08/15/11 23:44	156-59-2	2n,CH
Surrogates									
Dibromofluoromethane (S)	102	%	75-116		10	08/15/11 00:00	08/15/11 23:44	1868-53-7	
Toluene-d8 (S)	101	%	74-124		10	08/15/11 00:00	08/15/11 23:44	2037-26-5	
4-Bromofluorobenzene (S)	97	%	73-128		10	08/15/11 00:00	08/15/11 23:44	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-125		10	08/15/11 00:00	08/15/11 23:44	17060-07-0	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	0.30	1		08/04/11 05:27	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.3	0.38	1		08/04/11 05:27	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	0.58	1		08/04/11 05:27	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.3	0.58	1		08/04/11 05:27	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.3	0.84	1		08/04/11 05:27	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.3	0.49	1		08/04/11 05:27	75-34-3	
1,1-Dichloroethene	97.5	ug/kg	6.3	0.77	1		08/04/11 05:27	75-35-4	
1,1-Dichloropropene	ND	ug/kg	6.3	0.73	1		08/04/11 05:27	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	0.58	1		08/04/11 05:27	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	6.3	0.71	1		08/04/11 05:27	96-18-4	
1,2,4-Trichlorobenzene	0.55J	ug/kg	6.3	0.51	1		08/04/11 05:27	120-82-1	B
1,2,4-Trimethylbenzene	2.7J	ug/kg	6.3	1.1	1		08/04/11 05:27	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.4	0.81	1		08/04/11 05:27	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	0.44	1		08/04/11 05:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.3	0.51	1		08/04/11 05:27	95-50-1	
1,2-Dichloroethane	ND	ug/kg	6.3	0.46	1		08/04/11 05:27	107-06-2	
1,2-Dichloropropane	ND	ug/kg	6.3	0.38	1		08/04/11 05:27	78-87-5	
1,3,5-Trimethylbenzene	1.0J	ug/kg	6.3	0.66	1		08/04/11 05:27	108-67-8	
1,3-Dichlorobenzene	0.62J	ug/kg	6.3	0.40	1		08/04/11 05:27	541-73-1	B
1,3-Dichloropropane	ND	ug/kg	6.3	0.58	1		08/04/11 05:27	142-28-9	
1,4-Dichlorobenzene	1.7J	ug/kg	6.3	0.50	1		08/04/11 05:27	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	6.3	0.39	1		08/04/11 05:27	594-20-7	
2-Butanone (MEK)	ND	ug/kg	20.8	3.2	1		08/04/11 05:27	78-93-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 4-6 Lab ID: 258699019 Collected: 08/01/11 12:40 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2-Chlorotoluene	ND	ug/kg	6.3	0.66	1		08/04/11 05:27	95-49-8	
2-Hexanone	ND	ug/kg	20.8	0.75	1		08/04/11 05:27	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.3	0.55	1		08/04/11 05:27	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.8	0.63	1		08/04/11 05:27	108-10-1	
Acetone	301	ug/kg	20.8	2.3	1		08/04/11 05:27	67-64-1	1n,B
Benzene	15.8	ug/kg	6.3	0.31	1		08/04/11 05:27	71-43-2	B
Bromobenzene	ND	ug/kg	6.3	0.49	1		08/04/11 05:27	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	0.46	1		08/04/11 05:27	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	0.25	1		08/04/11 05:27	75-27-4	
Bromoform	ND	ug/kg	6.3	0.48	1		08/04/11 05:27	75-25-2	
Bromomethane	ND	ug/kg	6.3	0.66	1		08/04/11 05:27	74-83-9	
Carbon disulfide	98.1	ug/kg	6.3	0.58	1		08/04/11 05:27	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.3	0.38	1		08/04/11 05:27	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	0.38	1		08/04/11 05:27	108-90-7	
Chloroethane	ND	ug/kg	6.3	0.60	1		08/04/11 05:27	75-00-3	
Chloroform	ND	ug/kg	6.3	0.41	1		08/04/11 05:27	67-66-3	
Chloromethane	ND	ug/kg	6.3	0.43	1		08/04/11 05:27	74-87-3	
Dibromochloromethane	ND	ug/kg	6.3	0.21	1		08/04/11 05:27	124-48-1	
Dibromomethane	ND	ug/kg	6.3	0.43	1		08/04/11 05:27	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.3	0.87	1		08/04/11 05:27	75-71-8	
Ethylbenzene	1.1J	ug/kg	6.3	0.79	1		08/04/11 05:27	100-41-4	
Hexachloro-1,3-butadiene	116	ug/kg	6.3	0.62	1		08/04/11 05:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	0.72	1		08/04/11 05:27	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.3	0.52	1		08/04/11 05:27	1634-04-4	
Methylene chloride	ND	ug/kg	20.8	5.5	1		08/04/11 05:27	75-09-2	
Naphthalene	120	ug/kg	6.3	1.1	1		08/04/11 05:27	91-20-3	
Styrene	ND	ug/kg	6.3	0.60	1		08/04/11 05:27	100-42-5	
Toluene	34.5	ug/kg	6.3	0.64	1		08/04/11 05:27	108-88-3	B
Trichlorofluoromethane	ND	ug/kg	6.3	0.48	1		08/04/11 05:27	75-69-4	
Xylene (Total)	3.9J	ug/kg	18.8	1.6	1		08/04/11 05:27	1330-20-7	B
cis-1,3-Dichloropropene	ND	ug/kg	6.3	0.27	1		08/04/11 05:27	10061-01-5	
m&p-Xylene	2.3J	ug/kg	12.5	1.6	1		08/04/11 05:27	179601-23-1	
n-Butylbenzene	ND	ug/kg	6.3	0.95	1		08/04/11 05:27	104-51-8	
n-Propylbenzene	ND	ug/kg	6.3	0.73	1		08/04/11 05:27	103-65-1	
o-Xylene	1.6J	ug/kg	6.3	0.68	1		08/04/11 05:27	95-47-6	
p-Isopropyltoluene	ND	ug/kg	6.3	0.80	1		08/04/11 05:27	99-87-6	
sec-Butylbenzene	ND	ug/kg	6.3	0.87	1		08/04/11 05:27	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	6.3	0.54	1		08/04/11 05:27	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.3	0.72	1		08/04/11 05:27	98-06-6	
trans-1,2-Dichloroethene	345	ug/kg	6.3	0.62	1		08/04/11 05:27	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	0.44	1		08/04/11 05:27	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	32	%	72-129		1		08/04/11 05:27	1868-53-7	S5
Toluene-d8 (S)	96	%	69-133		1		08/04/11 05:27	2037-26-5	
4-Bromofluorobenzene (S)	100	%	67-142		1		08/04/11 05:27	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 4-6 **Lab ID:** 258699019 **Collected:** 08/01/11 12:40 **Received:** 08/01/11 16:00 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/04/11 05:27	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.5 %		0.10	0.10	1		08/02/11 16:57		

Sample: SUP_SL_45 6-8 **Lab ID:** 258699020 **Collected:** 08/01/11 12:45 **Received:** 08/01/11 16:00 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2640 mg/kg		18.1	2.7	5	08/03/11 15:35	08/14/11 19:21	7440-38-2	
Cadmium	26.6 mg/kg		3.6	0.040	2	08/03/11 15:35	08/14/11 20:37	7440-43-9	
Lead	818 mg/kg		9.1	0.57	5	08/03/11 15:35	08/14/11 19:21	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		707	224	1	08/05/11 16:40	08/11/11 17:52	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	.7 %		26-135		1	08/05/11 16:40	08/11/11 17:52	118-79-6	S2
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B							
1,2-Dichloroethene (Total)	125000 ug/kg		19600	722	50	08/15/11 00:00	08/16/11 00:02	540-59-0	3n,CH
Hexachloro-1,3-butadiene	29500 ug/kg		19600	1680	50	08/15/11 00:00	08/16/11 00:02	87-68-3	3n
Tetrachloroethene	271000 ug/kg		9800	763	50	08/15/11 00:00	08/16/11 00:02	127-18-4	3n,CH
Trichloroethene	150000 ug/kg		9800	308	50	08/15/11 00:00	08/16/11 00:02	79-01-6	3n,CH
Vinyl chloride	18200 ug/kg		9800	451	50	08/15/11 00:00	08/16/11 00:02	75-01-4	3n,CH
cis-1,2-Dichloroethene	123000 ug/kg		9800	392	50	08/15/11 00:00	08/16/11 00:02	156-59-2	3n,CH
<i>Surrogates</i>									
Dibromofluoromethane (S)	103 %		75-116		50	08/15/11 00:00	08/16/11 00:02	1868-53-7	
Toluene-d8 (S)	100 %		74-124		50	08/15/11 00:00	08/16/11 00:02	2037-26-5	
4-Bromofluorobenzene (S)	97 %		73-128		50	08/15/11 00:00	08/16/11 00:02	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		70-125		50	08/15/11 00:00	08/16/11 00:02	17060-07-0	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND ug/kg		8.0	0.39	1		08/04/11 05:44	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		8.0	0.49	1		08/04/11 05:44	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		8.0	0.74	1		08/04/11 05:44	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		8.0	0.74	1		08/04/11 05:44	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		8.0	1.1	1		08/04/11 05:44	76-13-1	
1,1-Dichloroethane	ND ug/kg		8.0	0.63	1		08/04/11 05:44	75-34-3	
1,1-Dichloroethene	308 ug/kg		8.0	0.99	1		08/04/11 05:44	75-35-4	
1,1-Dichloropropene	ND ug/kg		8.0	0.93	1		08/04/11 05:44	563-58-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 6-8 Lab ID: 258699020 Collected: 08/01/11 12:45 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2,3-Trichlorobenzene	ND	ug/kg	8.0	0.74	1		08/04/11 05:44	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	8.0	0.91	1		08/04/11 05:44	96-18-4	
1,2,4-Trichlorobenzene	3.1J	ug/kg	8.0	0.65	1		08/04/11 05:44	120-82-1	B
1,2,4-Trimethylbenzene	2.6J	ug/kg	8.0	1.4	1		08/04/11 05:44	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.3	1.0	1		08/04/11 05:44	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.0	0.56	1		08/04/11 05:44	106-93-4	
1,2-Dichlorobenzene	1.4J	ug/kg	8.0	0.66	1		08/04/11 05:44	95-50-1	B
1,2-Dichloroethane	ND	ug/kg	8.0	0.59	1		08/04/11 05:44	107-06-2	
1,2-Dichloropropane	ND	ug/kg	8.0	0.48	1		08/04/11 05:44	78-87-5	
1,3,5-Trimethylbenzene	1.0J	ug/kg	8.0	0.85	1		08/04/11 05:44	108-67-8	
1,3-Dichlorobenzene	5.9J	ug/kg	8.0	0.51	1		08/04/11 05:44	541-73-1	B
1,3-Dichloropropane	ND	ug/kg	8.0	0.74	1		08/04/11 05:44	142-28-9	
1,4-Dichlorobenzene	3.5J	ug/kg	8.0	0.64	1		08/04/11 05:44	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	8.0	0.50	1		08/04/11 05:44	594-20-7	
2-Butanone (MEK)	ND	ug/kg	26.6	4.0	1		08/04/11 05:44	78-93-3	
2-Chlorotoluene	ND	ug/kg	8.0	0.84	1		08/04/11 05:44	95-49-8	
2-Hexanone	ND	ug/kg	26.6	0.96	1		08/04/11 05:44	591-78-6	
4-Chlorotoluene	ND	ug/kg	8.0	0.71	1		08/04/11 05:44	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26.6	0.81	1		08/04/11 05:44	108-10-1	
Acetone	544	ug/kg	26.6	2.9	1		08/04/11 05:44	67-64-1	1n,B
Benzene	50.3	ug/kg	8.0	0.40	1		08/04/11 05:44	71-43-2	B
Bromobenzene	ND	ug/kg	8.0	0.62	1		08/04/11 05:44	108-86-1	
Bromochloromethane	ND	ug/kg	8.0	0.59	1		08/04/11 05:44	74-97-5	
Bromodichloromethane	ND	ug/kg	8.0	0.31	1		08/04/11 05:44	75-27-4	
Bromoform	ND	ug/kg	8.0	0.62	1		08/04/11 05:44	75-25-2	
Bromomethane	ND	ug/kg	8.0	0.85	1		08/04/11 05:44	74-83-9	
Carbon disulfide	208	ug/kg	8.0	0.74	1		08/04/11 05:44	75-15-0	
Carbon tetrachloride	ND	ug/kg	8.0	0.48	1		08/04/11 05:44	56-23-5	
Chlorobenzene	6.0J	ug/kg	8.0	0.49	1		08/04/11 05:44	108-90-7	
Chloroethane	ND	ug/kg	8.0	0.77	1		08/04/11 05:44	75-00-3	
Chloroform	ND	ug/kg	8.0	0.52	1		08/04/11 05:44	67-66-3	
Chloromethane	ND	ug/kg	8.0	0.55	1		08/04/11 05:44	74-87-3	
Dibromochloromethane	ND	ug/kg	8.0	0.27	1		08/04/11 05:44	124-48-1	
Dibromomethane	ND	ug/kg	8.0	0.56	1		08/04/11 05:44	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	8.0	1.1	1		08/04/11 05:44	75-71-8	
Ethylbenzene	2.5J	ug/kg	8.0	1.0	1		08/04/11 05:44	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	0.92	1		08/04/11 05:44	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	8.0	0.67	1		08/04/11 05:44	1634-04-4	
Methylene chloride	ND	ug/kg	26.6	7.0	1		08/04/11 05:44	75-09-2	
Naphthalene	29.5	ug/kg	8.0	1.5	1		08/04/11 05:44	91-20-3	
Styrene	1.5J	ug/kg	8.0	0.77	1		08/04/11 05:44	100-42-5	
Toluene	40.5	ug/kg	8.0	0.82	1		08/04/11 05:44	108-88-3	B
Trichlorofluoromethane	ND	ug/kg	8.0	0.61	1		08/04/11 05:44	75-69-4	
Xylene (Total)	9.8J	ug/kg	24.0	2.0	1		08/04/11 05:44	1330-20-7	B
cis-1,3-Dichloropropene	ND	ug/kg	8.0	0.35	1		08/04/11 05:44	10061-01-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 6-8 **Lab ID:** 258699020 Collected: 08/01/11 12:45 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
m&p-Xylene	5.9J	ug/kg	16.0	2.0	1		08/04/11 05:44	179601-23-1	
n-Butylbenzene	ND	ug/kg	8.0	1.2	1		08/04/11 05:44	104-51-8	
n-Propylbenzene	ND	ug/kg	8.0	0.94	1		08/04/11 05:44	103-65-1	
o-Xylene	3.9J	ug/kg	8.0	0.87	1		08/04/11 05:44	95-47-6	
p-Isopropyltoluene	23.7	ug/kg	8.0	1.0	1		08/04/11 05:44	99-87-6	B
sec-Butylbenzene	ND	ug/kg	8.0	1.1	1		08/04/11 05:44	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	8.0	0.69	1		08/04/11 05:44	994-05-8	
tert-Butylbenzene	ND	ug/kg	8.0	0.92	1		08/04/11 05:44	98-06-6	
trans-1,2-Dichloroethene	850	ug/kg	8.0	0.80	1		08/04/11 05:44	156-60-5	E
trans-1,3-Dichloropropene	ND	ug/kg	8.0	0.56	1		08/04/11 05:44	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	67 %		72-129		1		08/04/11 05:44	1868-53-7	S5
Toluene-d8 (S)	99 %		69-133		1		08/04/11 05:44	2037-26-5	
4-Bromofluorobenzene (S)	97 %		67-142		1		08/04/11 05:44	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/04/11 05:44	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	54.3	%	0.10	0.10	1		08/02/11 16:57		

Sample: SUP_SL_45 8-10 **Lab ID:** 258699021 Collected: 08/01/11 12:55 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	1010	mg/kg	2.7	0.40	1	08/03/35 00:00	08/14/11 15:25	7440-38-2	
Cadmium	10.1	mg/kg	1.3	0.015	1	08/03/35 00:00	08/14/11 15:25	7440-43-9	
Lead	49.1	mg/kg	1.3	0.084	1	08/03/35 00:00	08/14/11 15:25	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	505	160	1	08/05/11 17:05	08/14/11 20:50	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	92 %		26-135		1	08/05/11 17:05	08/14/11 20:50	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	0.21	1		08/04/11 06:01	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.2	0.26	1		08/04/11 06:01	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	0.39	1		08/04/11 06:01	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.2	0.39	1		08/04/11 06:01	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	0.57	1		08/04/11 06:01	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.2	0.33	1		08/04/11 06:01	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.2	0.52	1		08/04/11 06:01	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.2	0.49	1		08/04/11 06:01	563-58-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 8-10 Lab ID: 258699021 Collected: 08/01/11 12:55 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	0.39	1		08/04/11 06:01	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.2	0.48	1		08/04/11 06:01	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	0.34	1		08/04/11 06:01	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	0.73	1		08/04/11 06:01	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	0.55	1		08/04/11 06:01	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	0.30	1		08/04/11 06:01	106-93-4	
1,2-Dichlorobenzene	0.82J	ug/kg	4.2	0.35	1		08/04/11 06:01	95-50-1	B
1,2-Dichloroethane	ND	ug/kg	4.2	0.31	1		08/04/11 06:01	107-06-2	
1,2-Dichloroethene (Total)	65.0	ug/kg	8.4	0.52	1		08/04/11 06:01	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.2	0.25	1		08/04/11 06:01	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	0.45	1		08/04/11 06:01	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.2	0.27	1		08/04/11 06:01	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.2	0.39	1		08/04/11 06:01	142-28-9	
1,4-Dichlorobenzene	1.9J	ug/kg	4.2	0.34	1		08/04/11 06:01	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	4.2	0.26	1		08/04/11 06:01	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.1	2.1	1		08/04/11 06:01	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.2	0.44	1		08/04/11 06:01	95-49-8	
2-Hexanone	ND	ug/kg	14.1	0.51	1		08/04/11 06:01	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.2	0.37	1		08/04/11 06:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.1	0.43	1		08/04/11 06:01	108-10-1	
Acetone	49.4	ug/kg	14.1	1.5	1		08/04/11 06:01	67-64-1	1n,B
Benzene	20.2	ug/kg	4.2	0.21	1		08/04/11 06:01	71-43-2	B
Bromobenzene	ND	ug/kg	4.2	0.33	1		08/04/11 06:01	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	0.31	1		08/04/11 06:01	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	0.17	1		08/04/11 06:01	75-27-4	
Bromoform	ND	ug/kg	4.2	0.33	1		08/04/11 06:01	75-25-2	
Bromomethane	ND	ug/kg	4.2	0.45	1		08/04/11 06:01	74-83-9	
Carbon disulfide	2.9J	ug/kg	4.2	0.39	1		08/04/11 06:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	0.26	1		08/04/11 06:01	56-23-5	
Chlorobenzene	6.6	ug/kg	4.2	0.26	1		08/04/11 06:01	108-90-7	
Chloroethane	ND	ug/kg	4.2	0.41	1		08/04/11 06:01	75-00-3	
Chloroform	ND	ug/kg	4.2	0.27	1		08/04/11 06:01	67-66-3	
Chloromethane	ND	ug/kg	4.2	0.29	1		08/04/11 06:01	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	0.14	1		08/04/11 06:01	124-48-1	
Dibromomethane	ND	ug/kg	4.2	0.29	1		08/04/11 06:01	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.2	0.58	1		08/04/11 06:01	75-71-8	
Ethylbenzene	ND	ug/kg	4.2	0.53	1		08/04/11 06:01	100-41-4	
Hexachloro-1,3-butadiene	4.3	ug/kg	4.2	0.42	1		08/04/11 06:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	0.49	1		08/04/11 06:01	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	0.35	1		08/04/11 06:01	1634-04-4	
Methylene chloride	ND	ug/kg	14.1	3.7	1		08/04/11 06:01	75-09-2	
Naphthalene	6.5	ug/kg	4.2	0.77	1		08/04/11 06:01	91-20-3	
Styrene	ND	ug/kg	4.2	0.40	1		08/04/11 06:01	100-42-5	
Tetrachloroethene	91.2	ug/kg	4.7	0.59	1		08/07/11 22:48	127-18-4	
Toluene	7.7	ug/kg	4.2	0.43	1		08/04/11 06:01	108-88-3	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 8-10 **Lab ID:** 258699021 Collected: 08/01/11 12:55 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Trichloroethene	35.3	ug/kg	4.7	0.33	1		08/07/11 22:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	0.32	1		08/04/11 06:01	75-69-4	
Vinyl chloride	17.6	ug/kg	4.2	0.39	1		08/04/11 06:01	75-01-4	
Xylene (Total)	ND	ug/kg	12.7	1.1	1		08/04/11 06:01	1330-20-7	
cis-1,2-Dichloroethene	38.3	ug/kg	4.7	0.32	1		08/07/11 22:48	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	0.18	1		08/04/11 06:01	10061-01-5	
m&p-Xylene	ND	ug/kg	8.4	1.1	1		08/04/11 06:01	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.2	0.64	1		08/04/11 06:01	104-51-8	
n-Propylbenzene	ND	ug/kg	4.2	0.50	1		08/04/11 06:01	103-65-1	
o-Xylene	ND	ug/kg	4.2	0.46	1		08/04/11 06:01	95-47-6	
p-Isopropyltoluene	1.5J	ug/kg	4.2	0.54	1		08/04/11 06:01	99-87-6	B
sec-Butylbenzene	ND	ug/kg	4.2	0.59	1		08/04/11 06:01	135-98-8	
tert-Amylmethyl ether	0.77J	ug/kg	4.2	0.36	1		08/04/11 06:01	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.2	0.49	1		08/04/11 06:01	98-06-6	
trans-1,2-Dichloroethene	7.2	ug/kg	4.2	0.42	1		08/04/11 06:01	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	0.30	1		08/04/11 06:01	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	72-129		1		08/04/11 06:01	1868-53-7	
Toluene-d8 (S)	96	%	69-133		1		08/04/11 06:01	2037-26-5	
4-Bromofluorobenzene (S)	102	%	67-142		1		08/04/11 06:01	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	67-136		1		08/04/11 06:01	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.0	%	0.10	0.10	1		08/02/11 16:57		

Sample: SUP_SL_45 10-12 **Lab ID:** 258699022 Collected: 08/01/11 13:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	245	mg/kg	5.3	0.79	2	08/03/35 00:00	08/14/11 20:41	7440-38-2	
Cadmium	2.1J	mg/kg	2.7	0.029	2	08/03/35 00:00	08/14/11 20:41	7440-43-9	
Lead	6.5	mg/kg	1.3	0.084	1	08/03/35 00:00	08/14/11 15:36	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	504	160	1	08/05/11 17:05	08/14/11 21:12	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	86	%	26-135		1	08/05/11 17:05	08/14/11 21:12	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	0.22	1		08/04/11 06:18	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.6	0.28	1		08/04/11 06:18	71-55-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 10-12 Lab ID: 258699022 Collected: 08/01/11 13:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	0.42	1		08/04/11 06:18	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.6	0.42	1		08/04/11 06:18	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.6	0.61	1		08/04/11 06:18	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.6	0.36	1		08/04/11 06:18	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.6	0.56	1		08/04/11 06:18	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.6	0.53	1		08/04/11 06:18	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	0.42	1		08/04/11 06:18	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.6	0.52	1		08/04/11 06:18	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	0.37	1		08/04/11 06:18	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	0.79	1		08/04/11 06:18	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.6	0.59	1		08/04/11 06:18	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	0.32	1		08/04/11 06:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.6	0.38	1		08/04/11 06:18	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.6	0.34	1		08/04/11 06:18	107-06-2	
1,2-Dichloroethene (Total)	14.9	ug/kg	9.1	0.56	1		08/04/11 06:18	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.6	0.28	1		08/04/11 06:18	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	0.49	1		08/04/11 06:18	108-67-8	
1,3-Dichlorobenzene	0.52J	ug/kg	4.6	0.29	1		08/04/11 06:18	541-73-1	B
1,3-Dichloropropane	ND	ug/kg	4.6	0.42	1		08/04/11 06:18	142-28-9	
1,4-Dichlorobenzene	0.52J	ug/kg	4.6	0.37	1		08/04/11 06:18	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	4.6	0.28	1		08/04/11 06:18	594-20-7	
2-Butanone (MEK)	12.3J	ug/kg	15.2	2.3	1		08/04/11 06:18	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.6	0.48	1		08/04/11 06:18	95-49-8	
2-Hexanone	ND	ug/kg	15.2	0.55	1		08/04/11 06:18	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.6	0.41	1		08/04/11 06:18	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.2	0.46	1		08/04/11 06:18	108-10-1	
Acetone	54.1	ug/kg	15.2	1.7	1		08/04/11 06:18	67-64-1	1n,B
Benzene	20.4	ug/kg	4.6	0.23	1		08/04/11 06:18	71-43-2	B
Bromobenzene	ND	ug/kg	4.6	0.36	1		08/04/11 06:18	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	0.34	1		08/04/11 06:18	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	0.18	1		08/04/11 06:18	75-27-4	
Bromoform	ND	ug/kg	4.6	0.35	1		08/04/11 06:18	75-25-2	
Bromomethane	ND	ug/kg	4.6	0.48	1		08/04/11 06:18	74-83-9	
Carbon disulfide	15.4	ug/kg	4.6	0.42	1		08/04/11 06:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	0.28	1		08/04/11 06:18	56-23-5	
Chlorobenzene	7.3	ug/kg	4.6	0.28	1		08/04/11 06:18	108-90-7	
Chloroethane	ND	ug/kg	4.6	0.44	1		08/04/11 06:18	75-00-3	
Chloroform	ND	ug/kg	4.6	0.30	1		08/04/11 06:18	67-66-3	
Chloromethane	ND	ug/kg	4.6	0.31	1		08/04/11 06:18	74-87-3	
Dibromochloromethane	ND	ug/kg	4.6	0.15	1		08/04/11 06:18	124-48-1	
Dibromomethane	ND	ug/kg	4.6	0.32	1		08/04/11 06:18	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.6	0.63	1		08/04/11 06:18	75-71-8	
Ethylbenzene	ND	ug/kg	4.6	0.58	1		08/04/11 06:18	100-41-4	
Hexachloro-1,3-butadiene	1.6J	ug/kg	4.6	0.45	1		08/04/11 06:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	0.53	1		08/04/11 06:18	98-82-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 10-12 **Lab ID:** 258699022 Collected: 08/01/11 13:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.6	0.38	1		08/04/11 06:18	1634-04-4	
Methylene chloride	ND	ug/kg	15.2	4.0	1		08/04/11 06:18	75-09-2	
Naphthalene	ND	ug/kg	4.6	0.84	1		08/04/11 06:18	91-20-3	
Styrene	ND	ug/kg	4.6	0.44	1		08/04/11 06:18	100-42-5	
Tetrachloroethene	70.7	ug/kg	4.4	0.56	1		08/07/11 22:31	127-18-4	
Toluene	6.0	ug/kg	4.6	0.47	1		08/04/11 06:18	108-88-3	B
Trichloroethene	15.1	ug/kg	4.4	0.31	1		08/07/11 22:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	0.35	1		08/04/11 06:18	75-69-4	
Vinyl chloride	ND	ug/kg	4.6	0.43	1		08/04/11 06:18	75-01-4	
Xylene (Total)	ND	ug/kg	13.7	1.1	1		08/04/11 06:18	1330-20-7	
cis-1,2-Dichloroethene	5.7	ug/kg	4.4	0.31	1		08/07/11 22:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	0.20	1		08/04/11 06:18	10061-01-5	
m&p-Xylene	ND	ug/kg	9.1	1.1	1		08/04/11 06:18	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.6	0.70	1		08/04/11 06:18	104-51-8	
n-Propylbenzene	ND	ug/kg	4.6	0.54	1		08/04/11 06:18	103-65-1	
o-Xylene	ND	ug/kg	4.6	0.50	1		08/04/11 06:18	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.6	0.59	1		08/04/11 06:18	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.6	0.64	1		08/04/11 06:18	135-98-8	
tert-Amylmethyl ether	0.52J	ug/kg	4.6	0.39	1		08/04/11 06:18	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.6	0.53	1		08/04/11 06:18	98-06-6	
trans-1,2-Dichloroethene	1.4J	ug/kg	4.6	0.46	1		08/04/11 06:18	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	0.32	1		08/04/11 06:18	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/04/11 06:18	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/04/11 06:18	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-142		1		08/04/11 06:18	460-00-4	
1,2-Dichloroethane-d4 (S)	115 %		67-136		1		08/04/11 06:18	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.0	%	0.10	0.10	1		08/02/11 16:58		

Sample: SUP_SL_45 12-14 **Lab ID:** 258699023 Collected: 08/01/11 13:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	8.6	mg/kg	3.8	0.56	2	08/03/35 00:00	08/14/11 20:44	7440-38-2	
Cadmium	ND	mg/kg	1.9	0.021	2	08/03/35 00:00	08/14/11 20:44	7440-43-9	
Lead	2.8	mg/kg	0.95	0.060	1	08/03/35 00:00	08/14/11 15:40	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	465	147	1	08/05/11 17:05	08/14/11 21:35	87-86-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 12-14 Lab ID: 258699023 Collected: 08/01/11 13:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
2,4,6-Tribromophenol (S)	82 %		26-135		1	08/05/11 17:05	08/14/11 21:35	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		08/04/11 06:35	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		08/04/11 06:35	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		08/04/11 06:35	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		08/04/11 06:35	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.56	1		08/04/11 06:35	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.33	1		08/04/11 06:35	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.51	1		08/04/11 06:35	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.48	1		08/04/11 06:35	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		08/04/11 06:35	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.47	1		08/04/11 06:35	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.34	1		08/04/11 06:35	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	0.72	1		08/04/11 06:35	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	0.54	1		08/04/11 06:35	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		08/04/11 06:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.34	1		08/04/11 06:35	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.1	0.31	1		08/04/11 06:35	107-06-2	
1,2-Dichloroethene (Total)	21.6	ug/kg	8.3	0.51	1		08/04/11 06:35	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		08/04/11 06:35	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	0.44	1		08/04/11 06:35	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		08/04/11 06:35	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		08/04/11 06:35	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		08/04/11 06:35	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.26	1		08/04/11 06:35	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.8	2.1	1		08/04/11 06:35	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		08/04/11 06:35	95-49-8	
2-Hexanone	ND	ug/kg	13.8	0.50	1		08/04/11 06:35	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.37	1		08/04/11 06:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.8	0.42	1		08/04/11 06:35	108-10-1	
Acetone	63.6	ug/kg	13.8	1.5	1		08/04/11 06:35	67-64-1	1n,B
Benzene	7.0	ug/kg	4.1	0.21	1		08/04/11 06:35	71-43-2	B
Bromobenzene	ND	ug/kg	4.1	0.32	1		08/04/11 06:35	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		08/04/11 06:35	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		08/04/11 06:35	75-27-4	
Bromoform	ND	ug/kg	4.1	0.32	1		08/04/11 06:35	75-25-2	
Bromomethane	ND	ug/kg	4.1	0.44	1		08/04/11 06:35	74-83-9	
Carbon disulfide	13.3	ug/kg	4.1	0.39	1		08/04/11 06:35	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		08/04/11 06:35	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	0.25	1		08/04/11 06:35	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.40	1		08/04/11 06:35	75-00-3	
Chloroform	ND	ug/kg	4.1	0.27	1		08/04/11 06:35	67-66-3	
Chloromethane	ND	ug/kg	4.1	0.28	1		08/04/11 06:35	74-87-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 12-14 Lab ID: 258699023 Collected: 08/01/11 13:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		08/04/11 06:35	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.29	1		08/04/11 06:35	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.57	1		08/04/11 06:35	75-71-8	
Ethylbenzene	ND	ug/kg	4.1	0.52	1		08/04/11 06:35	100-41-4	
Hexachloro-1,3-butadiene	0.97J	ug/kg	4.1	0.41	1		08/04/11 06:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	0.48	1		08/04/11 06:35	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.35	1		08/04/11 06:35	1634-04-4	
Methylene chloride	6.6J	ug/kg	13.8	3.6	1		08/04/11 06:35	75-09-2	B
Naphthalene	ND	ug/kg	4.1	0.76	1		08/04/11 06:35	91-20-3	
Styrene	ND	ug/kg	4.1	0.40	1		08/04/11 06:35	100-42-5	
Tetrachloroethene	35.3	ug/kg	3.9	0.49	1		08/07/11 22:14	127-18-4	
Toluene	1.0J	ug/kg	4.1	0.43	1		08/04/11 06:35	108-88-3	B
Trichloroethene	11.8	ug/kg	3.9	0.27	1		08/07/11 22:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.32	1		08/04/11 06:35	75-69-4	
Vinyl chloride	ND	ug/kg	4.1	0.39	1		08/04/11 06:35	75-01-4	
Xylene (Total)	ND	ug/kg	12.4	1.0	1		08/04/11 06:35	1330-20-7	
cis-1,2-Dichloroethene	9.0	ug/kg	3.9	0.27	1		08/07/11 22:14	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		08/04/11 06:35	10061-01-5	
m&p-Xylene	ND	ug/kg	8.3	1.0	1		08/04/11 06:35	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.1	0.63	1		08/04/11 06:35	104-51-8	
n-Propylbenzene	ND	ug/kg	4.1	0.49	1		08/04/11 06:35	103-65-1	
o-Xylene	ND	ug/kg	4.1	0.45	1		08/04/11 06:35	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.1	0.53	1		08/04/11 06:35	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.1	0.58	1		08/04/11 06:35	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.36	1		08/04/11 06:35	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.48	1		08/04/11 06:35	98-06-6	
trans-1,2-Dichloroethene	11.1	ug/kg	4.1	0.41	1		08/04/11 06:35	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.29	1		08/04/11 06:35	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/04/11 06:35	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/04/11 06:35	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/04/11 06:35	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		67-136		1		08/04/11 06:35	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.1 %		0.10	0.10	1		08/02/11 16:59		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 14-16 Lab ID: 258699024 Collected: 08/01/11 13:10 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	67.7	mg/kg	2.4	0.35	1	08/03/35 00:00	08/14/11 15:43	7440-38-2	
Cadmium	0.39J	mg/kg	1.2	0.013	1	08/03/35 00:00	08/14/11 15:43	7440-43-9	
Lead	1.5	mg/kg	1.2	0.074	1	08/03/35 00:00	08/14/11 15:43	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	430	136	1	08/05/11 17:05	08/14/11 21:57	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	82	%	26-135		1	08/05/11 17:05	08/14/11 21:57	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	0.17	1		08/07/11 19:25	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	0.22	1		08/07/11 19:25	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	0.33	1		08/07/11 19:25	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	0.33	1		08/07/11 19:25	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	0.48	1		08/07/11 19:25	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	0.28	1		08/07/11 19:25	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	0.44	1		08/07/11 19:25	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.6	0.41	1		08/07/11 19:25	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	0.33	1		08/07/11 19:25	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	0.41	1		08/07/11 19:25	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	0.29	1		08/07/11 19:25	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	0.61	1		08/07/11 19:25	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	0.46	1		08/07/11 19:25	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	0.25	1		08/07/11 19:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		08/07/11 19:25	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	0.26	1		08/07/11 19:25	107-06-2	
1,2-Dichloroethene (Total)	2.1J	ug/kg	7.1	0.44	1		08/07/11 19:25	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.21	1		08/07/11 19:25	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.38	1		08/07/11 19:25	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		08/07/11 19:25	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.33	1		08/07/11 19:25	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.28	1		08/07/11 19:25	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/07/11 19:25	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.9	1.8	1		08/07/11 19:25	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	0.37	1		08/07/11 19:25	95-49-8	
2-Hexanone	ND	ug/kg	11.9	0.43	1		08/07/11 19:25	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		08/07/11 19:25	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.9	0.36	1		08/07/11 19:25	108-10-1	
Acetone	31.7	ug/kg	11.9	1.3	1		08/07/11 19:25	67-64-1	1n,B
Benzene	17.8	ug/kg	3.6	0.18	1		08/07/11 19:25	71-43-2	B
Bromobenzene	ND	ug/kg	3.6	0.28	1		08/07/11 19:25	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.26	1		08/07/11 19:25	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		08/07/11 19:25	75-27-4	
Bromoform	ND	ug/kg	3.6	0.27	1		08/07/11 19:25	75-25-2	
Bromomethane	ND	ug/kg	3.6	0.38	1		08/07/11 19:25	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_45 14-16 Lab ID: 258699024 Collected: 08/01/11 13:10 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.9J	ug/kg	3.6	0.33	1		08/07/11 19:25	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.6	0.22	1		08/07/11 19:25	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		08/07/11 19:25	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.34	1		08/07/11 19:25	75-00-3	
Chloroform	ND	ug/kg	3.6	0.23	1		08/07/11 19:25	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.24	1		08/07/11 19:25	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		08/07/11 19:25	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		08/07/11 19:25	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.49	1		08/07/11 19:25	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.45	1		08/07/11 19:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.35	1		08/07/11 19:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.41	1		08/07/11 19:25	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		08/07/11 19:25	1634-04-4	
Methylene chloride	ND	ug/kg	11.9	3.1	1		08/07/11 19:25	75-09-2	
Naphthalene	ND	ug/kg	3.6	0.65	1		08/07/11 19:25	91-20-3	
Styrene	ND	ug/kg	3.6	0.34	1		08/07/11 19:25	100-42-5	
Tetrachloroethene	5.3	ug/kg	3.6	0.45	1		08/07/11 19:25	127-18-4	B
Toluene	ND	ug/kg	3.6	0.37	1		08/07/11 19:25	108-88-3	
Trichloroethene	1.3J	ug/kg	3.6	0.25	1		08/07/11 19:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	0.27	1		08/07/11 19:25	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.33	1		08/07/11 19:25	75-01-4	
Xylene (Total)	ND	ug/kg	10.7	0.89	1		08/07/11 19:25	1330-20-7	
cis-1,2-Dichloroethene	1.6J	ug/kg	3.6	0.25	1		08/07/11 19:25	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.15	1		08/07/11 19:25	10061-01-5	
m&p-Xylene	ND	ug/kg	7.1	0.89	1		08/07/11 19:25	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	0.54	1		08/07/11 19:25	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	0.42	1		08/07/11 19:25	103-65-1	
o-Xylene	ND	ug/kg	3.6	0.39	1		08/07/11 19:25	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	0.46	1		08/07/11 19:25	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.50	1		08/07/11 19:25	135-98-8	
tert-Amylmethyl ether	0.57J	ug/kg	3.6	0.31	1		08/07/11 19:25	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.41	1		08/07/11 19:25	98-06-6	
trans-1,2-Dichloroethene	0.49J	ug/kg	3.6	0.36	1		08/07/11 19:25	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		08/07/11 19:25	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/07/11 19:25	1868-53-7	
Toluene-d8 (S)	97	%	69-133		1		08/07/11 19:25	2037-26-5	
4-Bromofluorobenzene (S)	102	%	67-142		1		08/07/11 19:25	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	67-136		1		08/07/11 19:25	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	24.3	%	0.10	0.10	1		08/02/11 16:59		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 1-2 Lab ID: 258699025 Collected: 08/01/11 13:30 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	209	mg/kg	4.3	0.64	2	08/03/35 00:00	08/14/11 20:48	7440-38-2	
Cadmium	2.0J	mg/kg	2.2	0.024	2	08/03/35 00:00	08/14/11 20:48	7440-43-9	
Lead	60.5	mg/kg	1.1	0.068	1	08/03/35 00:00	08/14/11 15:54	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	378	120	1	08/05/11 17:05	08/15/11 03:59	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79	%	26-135		1	08/05/11 17:05	08/15/11 03:59	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8	0.13	1		08/07/11 19:08	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.8	0.17	1		08/07/11 19:08	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8	0.25	1		08/07/11 19:08	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.8	0.26	1		08/07/11 19:08	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.8	0.37	1		08/07/11 19:08	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.8	0.22	1		08/07/11 19:08	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.8	0.34	1		08/07/11 19:08	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.8	0.32	1		08/07/11 19:08	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.8	0.26	1		08/07/11 19:08	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.8	0.31	1		08/07/11 19:08	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.8	0.22	1		08/07/11 19:08	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.8	0.48	1		08/07/11 19:08	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	0.36	1		08/07/11 19:08	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	0.19	1		08/07/11 19:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.8	0.23	1		08/07/11 19:08	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.8	0.20	1		08/07/11 19:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.5	0.34	1		08/07/11 19:08	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.8	0.17	1		08/07/11 19:08	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.8	0.29	1		08/07/11 19:08	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.8	0.17	1		08/07/11 19:08	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.8	0.25	1		08/07/11 19:08	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.8	0.22	1		08/07/11 19:08	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.8	0.17	1		08/07/11 19:08	594-20-7	
2-Butanone (MEK)	16.7	ug/kg	9.2	1.4	1		08/07/11 19:08	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.8	0.29	1		08/07/11 19:08	95-49-8	
2-Hexanone	ND	ug/kg	9.2	0.33	1		08/07/11 19:08	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.8	0.24	1		08/07/11 19:08	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.2	0.28	1		08/07/11 19:08	108-10-1	
Acetone	108	ug/kg	9.2	1.0	1		08/07/11 19:08	67-64-1	1n,B
Benzene	0.27J	ug/kg	2.8	0.14	1		08/07/11 19:08	71-43-2	B
Bromobenzene	ND	ug/kg	2.8	0.22	1		08/07/11 19:08	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	0.20	1		08/07/11 19:08	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	0.11	1		08/07/11 19:08	75-27-4	
Bromoform	ND	ug/kg	2.8	0.21	1		08/07/11 19:08	75-25-2	
Bromomethane	ND	ug/kg	2.8	0.29	1		08/07/11 19:08	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 1-2 **Lab ID:** 258699025 Collected: 08/01/11 13:30 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.4J	ug/kg	2.8	0.26	1		08/07/11 19:08	75-15-0	B
Carbon tetrachloride	ND	ug/kg	2.8	0.17	1		08/07/11 19:08	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	0.17	1		08/07/11 19:08	108-90-7	
Chloroethane	ND	ug/kg	2.8	0.27	1		08/07/11 19:08	75-00-3	
Chloroform	ND	ug/kg	2.8	0.18	1		08/07/11 19:08	67-66-3	
Chloromethane	ND	ug/kg	2.8	0.19	1		08/07/11 19:08	74-87-3	
Dibromochloromethane	ND	ug/kg	2.8	0.092	1		08/07/11 19:08	124-48-1	
Dibromomethane	ND	ug/kg	2.8	0.19	1		08/07/11 19:08	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.8	0.38	1		08/07/11 19:08	75-71-8	
Ethylbenzene	ND	ug/kg	2.8	0.35	1		08/07/11 19:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.8	0.27	1		08/07/11 19:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	0.32	1		08/07/11 19:08	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.8	0.23	1		08/07/11 19:08	1634-04-4	
Methylene chloride	ND	ug/kg	9.2	2.4	1		08/07/11 19:08	75-09-2	
Naphthalene	ND	ug/kg	2.8	0.50	1		08/07/11 19:08	91-20-3	
Styrene	ND	ug/kg	2.8	0.26	1		08/07/11 19:08	100-42-5	
Tetrachloroethene	1.0J	ug/kg	2.8	0.35	1		08/07/11 19:08	127-18-4	B
Toluene	ND	ug/kg	2.8	0.28	1		08/07/11 19:08	108-88-3	
Trichloroethene	0.52J	ug/kg	2.8	0.19	1		08/07/11 19:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.8	0.21	1		08/07/11 19:08	75-69-4	
Vinyl chloride	ND	ug/kg	2.8	0.26	1		08/07/11 19:08	75-01-4	
Xylene (Total)	ND	ug/kg	8.3	0.69	1		08/07/11 19:08	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.8	0.19	1		08/07/11 19:08	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.8	0.12	1		08/07/11 19:08	10061-01-5	
m&p-Xylene	ND	ug/kg	5.5	0.69	1		08/07/11 19:08	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.8	0.42	1		08/07/11 19:08	104-51-8	
n-Propylbenzene	ND	ug/kg	2.8	0.32	1		08/07/11 19:08	103-65-1	
o-Xylene	ND	ug/kg	2.8	0.30	1		08/07/11 19:08	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.8	0.35	1		08/07/11 19:08	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.8	0.38	1		08/07/11 19:08	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.8	0.24	1		08/07/11 19:08	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.8	0.32	1		08/07/11 19:08	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	0.28	1		08/07/11 19:08	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	0.19	1		08/07/11 19:08	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	111	%	72-129		1		08/07/11 19:08	1868-53-7	
Toluene-d8 (S)	96	%	69-133		1		08/07/11 19:08	2037-26-5	
4-Bromofluorobenzene (S)	100	%	67-142		1		08/07/11 19:08	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	67-136		1		08/07/11 19:08	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	13.9	%	0.10	0.10	1		08/02/11 17:00		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_46 2-4 Lab ID: 258699026 Collected: 08/01/11 13:35 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	58.1	mg/kg	3.3	0.49	2	08/03/35 00:00	08/14/11 20:59	7440-38-2	
Cadmium	0.44J	mg/kg	1.7	0.018	2	08/03/35 00:00	08/14/11 20:59	7440-43-9	
Lead	37.2	mg/kg	0.83	0.052	1	08/03/35 00:00	08/14/11 15:58	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	391	124	1	08/05/11 17:05	08/15/11 04:21	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	63	%	26-135		1	08/05/11 17:05	08/15/11 04:21	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.6	0.13	1		08/07/11 18:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.6	0.16	1		08/07/11 18:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.6	0.24	1		08/07/11 18:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.6	0.24	1		08/07/11 18:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.6	0.35	1		08/07/11 18:52	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.6	0.21	1		08/07/11 18:52	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.6	0.32	1		08/07/11 18:52	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.6	0.30	1		08/07/11 18:52	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.6	0.24	1		08/07/11 18:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.6	0.30	1		08/07/11 18:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.6	0.21	1		08/07/11 18:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.6	0.45	1		08/07/11 18:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	0.34	1		08/07/11 18:52	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.6	0.18	1		08/07/11 18:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.6	0.21	1		08/07/11 18:52	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.6	0.19	1		08/07/11 18:52	107-06-2	
1,2-Dichloroethene (Total)	1.7J	ug/kg	5.2	0.32	1		08/07/11 18:52	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.6	0.16	1		08/07/11 18:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.6	0.28	1		08/07/11 18:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.6	0.17	1		08/07/11 18:52	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.6	0.24	1		08/07/11 18:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.6	0.21	1		08/07/11 18:52	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.6	0.16	1		08/07/11 18:52	594-20-7	
2-Butanone (MEK)	ND	ug/kg	8.7	1.3	1		08/07/11 18:52	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.6	0.27	1		08/07/11 18:52	95-49-8	
2-Hexanone	ND	ug/kg	8.7	0.31	1		08/07/11 18:52	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.6	0.23	1		08/07/11 18:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.7	0.27	1		08/07/11 18:52	108-10-1	
Acetone	52.6	ug/kg	8.7	0.96	1		08/07/11 18:52	67-64-1	1n,B
Benzene	0.19J	ug/kg	2.6	0.13	1		08/07/11 18:52	71-43-2	B
Bromobenzene	ND	ug/kg	2.6	0.20	1		08/07/11 18:52	108-86-1	
Bromochloromethane	ND	ug/kg	2.6	0.19	1		08/07/11 18:52	74-97-5	
Bromodichloromethane	ND	ug/kg	2.6	0.10	1		08/07/11 18:52	75-27-4	
Bromoform	ND	ug/kg	2.6	0.20	1		08/07/11 18:52	75-25-2	
Bromomethane	ND	ug/kg	2.6	0.28	1		08/07/11 18:52	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 2-4 Lab ID: 258699026 Collected: 08/01/11 13:35 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.7J	ug/kg	2.6	0.24	1		08/07/11 18:52	75-15-0	B
Carbon tetrachloride	ND	ug/kg	2.6	0.16	1		08/07/11 18:52	56-23-5	
Chlorobenzene	ND	ug/kg	2.6	0.16	1		08/07/11 18:52	108-90-7	
Chloroethane	ND	ug/kg	2.6	0.25	1		08/07/11 18:52	75-00-3	
Chloroform	ND	ug/kg	2.6	0.17	1		08/07/11 18:52	67-66-3	
Chloromethane	ND	ug/kg	2.6	0.18	1		08/07/11 18:52	74-87-3	
Dibromochloromethane	ND	ug/kg	2.6	0.088	1		08/07/11 18:52	124-48-1	
Dibromomethane	ND	ug/kg	2.6	0.18	1		08/07/11 18:52	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.6	0.36	1		08/07/11 18:52	75-71-8	
Ethylbenzene	ND	ug/kg	2.6	0.33	1		08/07/11 18:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.6	0.26	1		08/07/11 18:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.6	0.30	1		08/07/11 18:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.6	0.22	1		08/07/11 18:52	1634-04-4	
Methylene chloride	ND	ug/kg	8.7	2.3	1		08/07/11 18:52	75-09-2	
Naphthalene	ND	ug/kg	2.6	0.48	1		08/07/11 18:52	91-20-3	
Styrene	ND	ug/kg	2.6	0.25	1		08/07/11 18:52	100-42-5	
Tetrachloroethene	0.79J	ug/kg	2.6	0.33	1		08/07/11 18:52	127-18-4	B
Toluene	0.31J	ug/kg	2.6	0.27	1		08/07/11 18:52	108-88-3	
Trichloroethene	0.83J	ug/kg	2.6	0.18	1		08/07/11 18:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.6	0.20	1		08/07/11 18:52	75-69-4	
Vinyl chloride	ND	ug/kg	2.6	0.24	1		08/07/11 18:52	75-01-4	
Xylene (Total)	ND	ug/kg	7.8	0.65	1		08/07/11 18:52	1330-20-7	
cis-1,2-Dichloroethene	1.7J	ug/kg	2.6	0.18	1		08/07/11 18:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.6	0.11	1		08/07/11 18:52	10061-01-5	
m&p-Xylene	ND	ug/kg	5.2	0.65	1		08/07/11 18:52	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.6	0.40	1		08/07/11 18:52	104-51-8	
n-Propylbenzene	ND	ug/kg	2.6	0.31	1		08/07/11 18:52	103-65-1	
o-Xylene	ND	ug/kg	2.6	0.28	1		08/07/11 18:52	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.6	0.34	1		08/07/11 18:52	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.6	0.36	1		08/07/11 18:52	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.6	0.23	1		08/07/11 18:52	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.6	0.30	1		08/07/11 18:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.6	0.26	1		08/07/11 18:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.6	0.18	1		08/07/11 18:52	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/07/11 18:52	1868-53-7	
Toluene-d8 (S)	99	%	69-133		1		08/07/11 18:52	2037-26-5	
4-Bromofluorobenzene (S)	104	%	67-142		1		08/07/11 18:52	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	67-136		1		08/07/11 18:52	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.4	%	0.10	0.10	1		08/02/11 17:01		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_46 4-6 Lab ID: 258699027 Collected: 08/01/11 13:40 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	607	mg/kg	19.2	2.9	10	08/03/35 00:00	08/14/11 18:37	7440-38-2	
Cadmium	9.9	mg/kg	9.6	0.11	10	08/03/35 00:00	08/14/11 18:37	7440-43-9	
Lead	1900	mg/kg	1.9	0.12	2	08/03/35 00:00	08/14/11 21:02	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	2280	722	5	08/05/11 17:05	08/15/11 05:52	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	65	%	26-135		5	08/05/11 17:05	08/15/11 05:52	118-79-6	D3
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	0.22	1		08/07/11 18:35	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.5	0.27	1		08/07/11 18:35	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	0.41	1		08/07/11 18:35	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.5	0.41	1		08/07/11 18:35	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	0.60	1		08/07/11 18:35	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.5	0.35	1		08/07/11 18:35	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.5	0.55	1		08/07/11 18:35	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.5	0.52	1		08/07/11 18:35	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	0.41	1		08/07/11 18:35	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.5	0.51	1		08/07/11 18:35	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	0.36	1		08/07/11 18:35	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	0.77	1		08/07/11 18:35	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	0.58	1		08/07/11 18:35	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	0.31	1		08/07/11 18:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	0.37	1		08/07/11 18:35	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.5	0.33	1		08/07/11 18:35	107-06-2	
1,2-Dichloroethene (Total)	4.1J	ug/kg	8.9	0.55	1		08/07/11 18:35	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.5	0.27	1		08/07/11 18:35	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	0.48	1		08/07/11 18:35	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.5	0.28	1		08/07/11 18:35	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.5	0.41	1		08/07/11 18:35	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.5	0.36	1		08/07/11 18:35	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.5	0.28	1		08/07/11 18:35	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.9	2.3	1		08/07/11 18:35	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.5	0.47	1		08/07/11 18:35	95-49-8	
2-Hexanone	ND	ug/kg	14.9	0.54	1		08/07/11 18:35	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.5	0.40	1		08/07/11 18:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.9	0.45	1		08/07/11 18:35	108-10-1	
Acetone	186	ug/kg	14.9	1.6	1		08/07/11 18:35	67-64-1	1n,B
Benzene	4.3J	ug/kg	4.5	0.22	1		08/07/11 18:35	71-43-2	B
Bromobenzene	ND	ug/kg	4.5	0.35	1		08/07/11 18:35	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	0.33	1		08/07/11 18:35	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	0.18	1		08/07/11 18:35	75-27-4	
Bromoform	ND	ug/kg	4.5	0.35	1		08/07/11 18:35	75-25-2	
Bromomethane	ND	ug/kg	4.5	0.47	1		08/07/11 18:35	74-83-9	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_46 4-6 Lab ID: 258699027 Collected: 08/01/11 13:40 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	4.5	ug/kg	4.5	0.42	1		08/07/11 18:35	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.5	0.27	1		08/07/11 18:35	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	0.27	1		08/07/11 18:35	108-90-7	
Chloroethane	ND	ug/kg	4.5	0.43	1		08/07/11 18:35	75-00-3	
Chloroform	ND	ug/kg	4.5	0.29	1		08/07/11 18:35	67-66-3	
Chloromethane	ND	ug/kg	4.5	0.31	1		08/07/11 18:35	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	0.15	1		08/07/11 18:35	124-48-1	
Dibromomethane	ND	ug/kg	4.5	0.31	1		08/07/11 18:35	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.5	0.62	1		08/07/11 18:35	75-71-8	
Ethylbenzene	ND	ug/kg	4.5	0.57	1		08/07/11 18:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	0.44	1		08/07/11 18:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	0.52	1		08/07/11 18:35	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	0.37	1		08/07/11 18:35	1634-04-4	
Methylene chloride	ND	ug/kg	14.9	3.9	1		08/07/11 18:35	75-09-2	
Naphthalene	ND	ug/kg	4.5	0.82	1		08/07/11 18:35	91-20-3	
Styrene	ND	ug/kg	4.5	0.43	1		08/07/11 18:35	100-42-5	
Tetrachloroethene	5.8	ug/kg	4.5	0.57	1		08/07/11 18:35	127-18-4	B
Toluene	1.9J	ug/kg	4.5	0.46	1		08/07/11 18:35	108-88-3	
Trichloroethene	ND	ug/kg	4.5	0.31	1		08/07/11 18:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	0.34	1		08/07/11 18:35	75-69-4	
Vinyl chloride	ND	ug/kg	4.5	0.42	1		08/07/11 18:35	75-01-4	
Xylene (Total)	ND	ug/kg	13.4	1.1	1		08/07/11 18:35	1330-20-7	
cis-1,2-Dichloroethene	4.1J	ug/kg	4.5	0.31	1		08/07/11 18:35	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	0.19	1		08/07/11 18:35	10061-01-5	
m&p-Xylene	ND	ug/kg	8.9	1.1	1		08/07/11 18:35	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.5	0.68	1		08/07/11 18:35	104-51-8	
n-Propylbenzene	ND	ug/kg	4.5	0.52	1		08/07/11 18:35	103-65-1	
o-Xylene	ND	ug/kg	4.5	0.49	1		08/07/11 18:35	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.5	0.57	1		08/07/11 18:35	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.5	0.62	1		08/07/11 18:35	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.5	0.39	1		08/07/11 18:35	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.5	0.51	1		08/07/11 18:35	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	0.45	1		08/07/11 18:35	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	0.31	1		08/07/11 18:35	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/07/11 18:35	1868-53-7	
Toluene-d8 (S)	106	%	69-133		1		08/07/11 18:35	2037-26-5	
4-Bromofluorobenzene (S)	120	%	67-142		1		08/07/11 18:35	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	67-136		1		08/07/11 18:35	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.7	%	0.10	0.10	1		08/02/11 17:02		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_46 6-8 Lab ID: 258699028 Collected: 08/01/11 13:45 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	23700	mg/kg	43.0	6.4	20	08/03/35 00:00	08/15/11 17:38	7440-38-2	
Cadmium	285	mg/kg	2.1	0.024	2	08/03/35 00:00	08/14/11 21:06	7440-43-9	
Lead	28400	mg/kg	1.1	0.068	1	08/03/35 00:00	08/14/11 16:05	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	460	146	1	08/05/11 17:05	08/15/11 04:44	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	69	%	26-135		1	08/05/11 17:05	08/15/11 04:44	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.18	1		08/04/11 14:40	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		08/04/11 14:40	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		08/04/11 14:40	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.35	1		08/04/11 14:40	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.51	1		08/04/11 14:40	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		08/04/11 14:40	75-34-3	
1,1-Dichloroethene	0.98J	ug/kg	3.8	0.47	1		08/04/11 14:40	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.44	1		08/04/11 14:40	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		08/04/11 14:40	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.43	1		08/04/11 14:40	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.31	1		08/04/11 14:40	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	0.65	1		08/04/11 14:40	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	0.49	1		08/04/11 14:40	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.26	1		08/04/11 14:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/04/11 14:40	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		08/04/11 14:40	107-06-2	
1,2-Dichloroethene (Total)	42.4	ug/kg	7.5	0.47	1		08/04/11 14:40	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/04/11 14:40	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.40	1		08/04/11 14:40	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		08/04/11 14:40	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		08/04/11 14:40	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.30	1		08/04/11 14:40	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/04/11 14:40	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.6	1.9	1		08/04/11 14:40	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.39	1		08/04/11 14:40	95-49-8	
2-Hexanone	ND	ug/kg	12.6	0.45	1		08/04/11 14:40	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.33	1		08/04/11 14:40	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.6	0.38	1		08/04/11 14:40	108-10-1	
Acetone	34.1	ug/kg	12.6	1.4	1		08/04/11 14:40	67-64-1	1n
Benzene	2.4J	ug/kg	3.8	0.19	1		08/04/11 14:40	71-43-2	B
Bromobenzene	ND	ug/kg	3.8	0.29	1		08/04/11 14:40	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		08/04/11 14:40	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		08/04/11 14:40	75-27-4	
Bromoform	ND	ug/kg	3.8	0.29	1		08/04/11 14:40	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.40	1		08/04/11 14:40	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 6-8 Lab ID: 258699028 Collected: 08/01/11 13:45 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	2.1J	ug/kg	3.8	0.35	1		08/04/11 14:40	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		08/04/11 14:40	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		08/04/11 14:40	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.36	1		08/04/11 14:40	75-00-3	
Chloroform	ND	ug/kg	3.8	0.24	1		08/04/11 14:40	67-66-3	
Chloromethane	ND	ug/kg	3.8	0.26	1		08/04/11 14:40	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		08/04/11 14:40	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.26	1		08/04/11 14:40	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.52	1		08/04/11 14:40	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.48	1		08/04/11 14:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.37	1		08/04/11 14:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.44	1		08/04/11 14:40	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.31	1		08/04/11 14:40	1634-04-4	
Methylene chloride	ND	ug/kg	12.6	3.3	1		08/04/11 14:40	75-09-2	
Naphthalene	ND	ug/kg	3.8	0.69	1		08/04/11 14:40	91-20-3	
Styrene	ND	ug/kg	3.8	0.36	1		08/04/11 14:40	100-42-5	
Tetrachloroethene	1.8J	ug/kg	3.8	0.48	1		08/04/11 14:40	127-18-4	B
Toluene	0.52J	ug/kg	3.8	0.39	1		08/04/11 14:40	108-88-3	
Trichloroethene	4.8	ug/kg	3.8	0.26	1		08/04/11 14:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		08/04/11 14:40	75-69-4	
Vinyl chloride	7.5	ug/kg	3.8	0.35	1		08/04/11 14:40	75-01-4	
Xylene (Total)	ND	ug/kg	11.3	0.94	1		08/04/11 14:40	1330-20-7	
cis-1,2-Dichloroethene	34.6	ug/kg	3.8	0.26	1		08/04/11 14:40	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.16	1		08/04/11 14:40	10061-01-5	
m&p-Xylene	ND	ug/kg	7.5	0.94	1		08/04/11 14:40	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	0.57	1		08/04/11 14:40	104-51-8	L3
n-Propylbenzene	ND	ug/kg	3.8	0.44	1		08/04/11 14:40	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.41	1		08/04/11 14:40	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	0.48	1		08/04/11 14:40	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	0.53	1		08/04/11 14:40	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.33	1		08/04/11 14:40	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.43	1		08/04/11 14:40	98-06-6	
trans-1,2-Dichloroethene	7.9	ug/kg	3.8	0.38	1		08/04/11 14:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.26	1		08/04/11 14:40	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/04/11 14:40	1868-53-7	
Toluene-d8 (S)	95	%	69-133		1		08/04/11 14:40	2037-26-5	
4-Bromofluorobenzene (S)	100	%	67-142		1		08/04/11 14:40	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	67-136		1		08/04/11 14:40	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	30.0	%	0.10	0.10	1		08/02/11 17:03		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 8-10 Lab ID: 258699029 Collected: 08/01/11 13:50 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	11100	mg/kg	30.8	4.6	10	08/03/35 00:00	08/16/11 20:16	7440-38-2	
Cadmium	127	mg/kg	3.1	0.034	2	08/03/35 00:00	08/14/11 21:10	7440-43-9	
Lead	1810	mg/kg	1.5	0.097	1	08/03/35 00:00	08/14/11 16:09	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	587	186	1	08/05/11 17:05	08/14/11 23:05	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80	%	26-135		1	08/05/11 17:05	08/14/11 23:05	118-79-6	
8260 MSV 5035A Med Level VOA									
Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B									
cis-1,2-Dichloroethene	20000	ug/kg	159	6.4	1	08/12/11 00:00	08/12/11 23:15	156-59-2	
Surrogates									
Dibromofluoromethane (S)	98	%	75-116		1	08/12/11 00:00	08/12/11 23:15	1868-53-7	
Toluene-d8 (S)	98	%	74-124		1	08/12/11 00:00	08/12/11 23:15	2037-26-5	
4-Bromofluorobenzene (S)	93	%	73-128		1	08/12/11 00:00	08/12/11 23:15	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-125		1	08/12/11 00:00	08/12/11 23:15	17060-07-0	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	0.25	1		08/04/11 14:57	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.1	0.31	1		08/04/11 14:57	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	0.47	1		08/04/11 14:57	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.1	0.48	1		08/04/11 14:57	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.1	0.69	1		08/04/11 14:57	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.1	0.41	1		08/04/11 14:57	75-34-3	
1,1-Dichloroethene	4.4J	ug/kg	5.1	0.63	1		08/04/11 14:57	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.1	0.60	1		08/04/11 14:57	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	0.48	1		08/04/11 14:57	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.1	0.58	1		08/04/11 14:57	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	0.42	1		08/04/11 14:57	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	0.88	1		08/04/11 14:57	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.5	0.67	1		08/04/11 14:57	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	0.36	1		08/04/11 14:57	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.1	0.42	1		08/04/11 14:57	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.1	0.38	1		08/04/11 14:57	107-06-2	
1,2-Dichloroethene (Total)	429	ug/kg	10.3	0.63	1		08/04/11 14:57	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.1	0.31	1		08/04/11 14:57	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	0.54	1		08/04/11 14:57	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.1	0.32	1		08/04/11 14:57	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.1	0.47	1		08/04/11 14:57	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.1	0.41	1		08/04/11 14:57	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.1	0.32	1		08/04/11 14:57	594-20-7	
2-Butanone (MEK)	ND	ug/kg	17.1	2.6	1		08/04/11 14:57	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.1	0.54	1		08/04/11 14:57	95-49-8	
2-Hexanone	ND	ug/kg	17.1	0.61	1		08/04/11 14:57	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.1	0.45	1		08/04/11 14:57	106-43-4	

Date: 04/19/2012 09:49 AM

REPORT OF LABORATORY ANALYSIS

Page 68 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_46 8-10 Lab ID: 258699029 Collected: 08/01/11 13:50 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.1	0.52	1		08/04/11 14:57	108-10-1	
Acetone	14.1J	ug/kg	17.1	1.9	1		08/04/11 14:57	67-64-1	
Benzene	0.81J	ug/kg	5.1	0.26	1		08/04/11 14:57	71-43-2	B
Bromobenzene	ND	ug/kg	5.1	0.40	1		08/04/11 14:57	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	0.38	1		08/04/11 14:57	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	0.20	1		08/04/11 14:57	75-27-4	
Bromoform	ND	ug/kg	5.1	0.40	1		08/04/11 14:57	75-25-2	
Bromomethane	ND	ug/kg	5.1	0.54	1		08/04/11 14:57	74-83-9	
Carbon disulfide	1.9J	ug/kg	5.1	0.48	1		08/04/11 14:57	75-15-0	B
Carbon tetrachloride	ND	ug/kg	5.1	0.31	1		08/04/11 14:57	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	0.31	1		08/04/11 14:57	108-90-7	
Chloroethane	35.1	ug/kg	5.1	0.49	1		08/04/11 14:57	75-00-3	
Chloroform	ND	ug/kg	5.1	0.33	1		08/04/11 14:57	67-66-3	
Chloromethane	ND	ug/kg	5.1	0.35	1		08/04/11 14:57	74-87-3	
Dibromochloromethane	ND	ug/kg	5.1	0.17	1		08/04/11 14:57	124-48-1	
Dibromomethane	ND	ug/kg	5.1	0.36	1		08/04/11 14:57	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.1	0.71	1		08/04/11 14:57	75-71-8	
Ethylbenzene	ND	ug/kg	5.1	0.65	1		08/04/11 14:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	0.51	1		08/04/11 14:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	0.59	1		08/04/11 14:57	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	5.1	0.43	1		08/04/11 14:57	1634-04-4	
Methylene chloride	ND	ug/kg	17.1	4.5	1		08/04/11 14:57	75-09-2	
Naphthalene	ND	ug/kg	5.1	0.94	1		08/04/11 14:57	91-20-3	
Styrene	ND	ug/kg	5.1	0.49	1		08/04/11 14:57	100-42-5	
Tetrachloroethene	1.6J	ug/kg	5.1	0.65	1		08/04/11 14:57	127-18-4	B
Toluene	ND	ug/kg	5.1	0.53	1		08/04/11 14:57	108-88-3	
Trichloroethene	1.8J	ug/kg	5.1	0.36	1		08/04/11 14:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	0.39	1		08/04/11 14:57	75-69-4	
Vinyl chloride	108	ug/kg	5.1	0.48	1		08/04/11 14:57	75-01-4	
Xylene (Total)	ND	ug/kg	15.4	1.3	1		08/04/11 14:57	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	0.22	1		08/04/11 14:57	10061-01-5	
m&p-Xylene	ND	ug/kg	10.3	1.3	1		08/04/11 14:57	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.1	0.78	1		08/04/11 14:57	104-51-8	L3
n-Propylbenzene	ND	ug/kg	5.1	0.60	1		08/04/11 14:57	103-65-1	
o-Xylene	ND	ug/kg	5.1	0.56	1		08/04/11 14:57	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.1	0.66	1		08/04/11 14:57	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.1	0.71	1		08/04/11 14:57	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.1	0.44	1		08/04/11 14:57	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.1	0.59	1		08/04/11 14:57	98-06-6	
trans-1,2-Dichloroethene	3.3J	ug/kg	5.1	0.51	1		08/04/11 14:57	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	0.36	1		08/04/11 14:57	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/04/11 14:57	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/04/11 14:57	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/04/11 14:57	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 8-10 **Lab ID: 258699029** Collected: 08/01/11 13:50 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
1,2-Dichloroethane-d4 (S)	116 %		67-136		1		08/04/11 14:57	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	44.6 %		0.10	0.10	1		08/02/11 17:03		

Sample: SUP_SL_46 10-12 **Lab ID: 258699030** Collected: 08/01/11 13:55 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	1390	mg/kg	4.5	0.66	2	08/03/35 00:00	08/14/11 21:13	7440-38-2	
Cadmium	15.4	mg/kg	2.2	0.025	2	08/03/35 00:00	08/14/11 21:13	7440-43-9	
Lead	168	mg/kg	1.1	0.070	1	08/03/35 00:00	08/14/11 16:12	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	533	169	1	08/05/11 17:05	08/14/11 23:28	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	74 %		26-135		1	08/05/11 17:05	08/14/11 23:28	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	0.24	1		08/04/11 15:14	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.8	0.30	1		08/04/11 15:14	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	0.45	1		08/04/11 15:14	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.8	0.45	1		08/04/11 15:14	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.8	0.65	1		08/04/11 15:14	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.8	0.38	1		08/04/11 15:14	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.8	0.60	1		08/04/11 15:14	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.8	0.56	1		08/04/11 15:14	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	0.45	1		08/04/11 15:14	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.8	0.55	1		08/04/11 15:14	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	0.39	1		08/04/11 15:14	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	0.84	1		08/04/11 15:14	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	0.63	1		08/04/11 15:14	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	0.34	1		08/04/11 15:14	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.8	0.40	1		08/04/11 15:14	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.8	0.36	1		08/04/11 15:14	107-06-2	
1,2-Dichloroethene (Total)	39.7	ug/kg	9.7	0.60	1		08/04/11 15:14	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.8	0.29	1		08/04/11 15:14	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	0.51	1		08/04/11 15:14	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.8	0.31	1		08/04/11 15:14	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.8	0.45	1		08/04/11 15:14	142-28-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 10-12 Lab ID: 258699030 Collected: 08/01/11 13:55 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/kg	4.8	0.39	1		08/04/11 15:14	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.8	0.30	1		08/04/11 15:14	594-20-7	
2-Butanone (MEK)	ND	ug/kg	16.1	2.4	1		08/04/11 15:14	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.8	0.51	1		08/04/11 15:14	95-49-8	
2-Hexanone	ND	ug/kg	16.1	0.58	1		08/04/11 15:14	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.8	0.43	1		08/04/11 15:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.1	0.49	1		08/04/11 15:14	108-10-1	
Acetone	35.7	ug/kg	16.1	1.8	1		08/04/11 15:14	67-64-1	1n
Benzene	1.1J	ug/kg	4.8	0.24	1		08/04/11 15:14	71-43-2	B
Bromobenzene	ND	ug/kg	4.8	0.38	1		08/04/11 15:14	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	0.36	1		08/04/11 15:14	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	0.19	1		08/04/11 15:14	75-27-4	
Bromoform	ND	ug/kg	4.8	0.37	1		08/04/11 15:14	75-25-2	
Bromomethane	ND	ug/kg	4.8	0.51	1		08/04/11 15:14	74-83-9	
Carbon disulfide	3.3J	ug/kg	4.8	0.45	1		08/04/11 15:14	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.8	0.29	1		08/04/11 15:14	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	0.30	1		08/04/11 15:14	108-90-7	
Chloroethane	ND	ug/kg	4.8	0.47	1		08/04/11 15:14	75-00-3	
Chloroform	ND	ug/kg	4.8	0.31	1		08/04/11 15:14	67-66-3	
Chloromethane	ND	ug/kg	4.8	0.33	1		08/04/11 15:14	74-87-3	
Dibromochloromethane	ND	ug/kg	4.8	0.16	1		08/04/11 15:14	124-48-1	
Dibromomethane	ND	ug/kg	4.8	0.34	1		08/04/11 15:14	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.8	0.67	1		08/04/11 15:14	75-71-8	
Ethylbenzene	ND	ug/kg	4.8	0.61	1		08/04/11 15:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	0.48	1		08/04/11 15:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	0.56	1		08/04/11 15:14	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	4.8	0.40	1		08/04/11 15:14	1634-04-4	
Methylene chloride	ND	ug/kg	16.1	4.3	1		08/04/11 15:14	75-09-2	
Naphthalene	ND	ug/kg	4.8	0.88	1		08/04/11 15:14	91-20-3	
Styrene	ND	ug/kg	4.8	0.46	1		08/04/11 15:14	100-42-5	
Tetrachloroethene	1.1J	ug/kg	4.8	0.62	1		08/04/11 15:14	127-18-4	B
Toluene	ND	ug/kg	4.8	0.50	1		08/04/11 15:14	108-88-3	
Trichloroethene	1.7J	ug/kg	4.8	0.34	1		08/04/11 15:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	0.37	1		08/04/11 15:14	75-69-4	
Vinyl chloride	13.0	ug/kg	4.8	0.45	1		08/04/11 15:14	75-01-4	
Xylene (Total)	ND	ug/kg	14.5	1.2	1		08/04/11 15:14	1330-20-7	
cis-1,2-Dichloroethene	35.3	ug/kg	4.8	0.34	1		08/04/11 15:14	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	0.21	1		08/04/11 15:14	10061-01-5	
m&p-Xylene	ND	ug/kg	9.7	1.2	1		08/04/11 15:14	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.8	0.74	1		08/04/11 15:14	104-51-8	L3
n-Propylbenzene	ND	ug/kg	4.8	0.57	1		08/04/11 15:14	103-65-1	
o-Xylene	ND	ug/kg	4.8	0.53	1		08/04/11 15:14	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.8	0.62	1		08/04/11 15:14	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.8	0.68	1		08/04/11 15:14	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.8	0.42	1		08/04/11 15:14	994-05-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 10-12 **Lab ID: 258699030** Collected: 08/01/11 13:55 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
tert-Butylbenzene	ND	ug/kg	4.8	0.56	1		08/04/11 15:14	98-06-6	
trans-1,2-Dichloroethene	4.3J	ug/kg	4.8	0.48	1		08/04/11 15:14	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	0.34	1		08/04/11 15:14	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	72-129		1		08/04/11 15:14	1868-53-7	
Toluene-d8 (S)	96	%	69-133		1		08/04/11 15:14	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/04/11 15:14	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	67-136		1		08/04/11 15:14	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	39.0	%	0.10	0.10	1		08/02/11 17:04		

Sample: SUP_SL_46 12-14 **Lab ID: 258699031** Collected: 08/01/11 14:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	726	mg/kg	2.2	0.32	1	08/03/35 00:00	08/14/11 16:16	7440-38-2	
Cadmium	6.0	mg/kg	1.1	0.012	1	08/03/35 00:00	08/14/11 16:16	7440-43-9	
Lead	43.5	mg/kg	1.1	0.068	1	08/03/35 00:00	08/14/11 16:16	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	465	147	1	08/05/11 17:05	08/14/11 23:50	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	81	%	26-135		1	08/05/11 17:05	08/14/11 23:50	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		08/04/11 15:49	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		08/04/11 15:49	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		08/04/11 15:49	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		08/04/11 15:49	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.55	1		08/04/11 15:49	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.33	1		08/04/11 15:49	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.51	1		08/04/11 15:49	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.48	1		08/04/11 15:49	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		08/04/11 15:49	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.47	1		08/04/11 15:49	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.33	1		08/04/11 15:49	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	0.71	1		08/04/11 15:49	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	0.54	1		08/04/11 15:49	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		08/04/11 15:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.34	1		08/04/11 15:49	95-50-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_46 12-14 Lab ID: 258699031 Collected: 08/01/11 14:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/kg	4.1	0.31	1		08/04/11 15:49	107-06-2	
1,2-Dichloroethene (Total)	59.6	ug/kg	8.3	0.51	1		08/04/11 15:49	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		08/04/11 15:49	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	0.44	1		08/04/11 15:49	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		08/04/11 15:49	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		08/04/11 15:49	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		08/04/11 15:49	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.26	1		08/04/11 15:49	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.8	2.1	1		08/04/11 15:49	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		08/04/11 15:49	95-49-8	
2-Hexanone	ND	ug/kg	13.8	0.49	1		08/04/11 15:49	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.37	1		08/04/11 15:49	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.8	0.42	1		08/04/11 15:49	108-10-1	
Acetone	25.0	ug/kg	13.8	1.5	1		08/04/11 15:49	67-64-1	1n
Benzene	0.54J	ug/kg	4.1	0.21	1		08/04/11 15:49	71-43-2	B
Bromobenzene	ND	ug/kg	4.1	0.32	1		08/04/11 15:49	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		08/04/11 15:49	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		08/04/11 15:49	75-27-4	
Bromoform	ND	ug/kg	4.1	0.32	1		08/04/11 15:49	75-25-2	
Bromomethane	ND	ug/kg	4.1	0.44	1		08/04/11 15:49	74-83-9	
Carbon disulfide	2.5J	ug/kg	4.1	0.38	1		08/04/11 15:49	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		08/04/11 15:49	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	0.25	1		08/04/11 15:49	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.40	1		08/04/11 15:49	75-00-3	
Chloroform	ND	ug/kg	4.1	0.27	1		08/04/11 15:49	67-66-3	
Chloromethane	ND	ug/kg	4.1	0.28	1		08/04/11 15:49	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		08/04/11 15:49	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.29	1		08/04/11 15:49	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.57	1		08/04/11 15:49	75-71-8	
Ethylbenzene	ND	ug/kg	4.1	0.52	1		08/04/11 15:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	0.41	1		08/04/11 15:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	0.48	1		08/04/11 15:49	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.34	1		08/04/11 15:49	1634-04-4	
Methylene chloride	ND	ug/kg	13.8	3.6	1		08/04/11 15:49	75-09-2	
Naphthalene	ND	ug/kg	4.1	0.75	1		08/04/11 15:49	91-20-3	
Styrene	ND	ug/kg	4.1	0.40	1		08/04/11 15:49	100-42-5	
Tetrachloroethene	1.2J	ug/kg	4.1	0.53	1		08/04/11 15:49	127-18-4	B
Toluene	ND	ug/kg	4.1	0.42	1		08/04/11 15:49	108-88-3	
Trichloroethene	ND	ug/kg	4.1	0.29	1		08/04/11 15:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.32	1		08/04/11 15:49	75-69-4	
Vinyl chloride	15.4	ug/kg	4.1	0.38	1		08/04/11 15:49	75-01-4	
Xylene (Total)	ND	ug/kg	12.4	1.0	1		08/04/11 15:49	1330-20-7	
cis-1,2-Dichloroethene	57.2	ug/kg	4.1	0.29	1		08/04/11 15:49	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		08/04/11 15:49	10061-01-5	
m&p-Xylene	ND	ug/kg	8.3	1.0	1		08/04/11 15:49	179601-23-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_46 12-14 **Lab ID: 258699031** Collected: 08/01/11 14:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
n-Butylbenzene	ND	ug/kg	4.1	0.63	1		08/04/11 15:49	104-51-8	L3
n-Propylbenzene	ND	ug/kg	4.1	0.48	1		08/04/11 15:49	103-65-1	
o-Xylene	ND	ug/kg	4.1	0.45	1		08/04/11 15:49	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.1	0.53	1		08/04/11 15:49	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.1	0.58	1		08/04/11 15:49	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.36	1		08/04/11 15:49	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.47	1		08/04/11 15:49	98-06-6	
trans-1,2-Dichloroethene	2.3J	ug/kg	4.1	0.41	1		08/04/11 15:49	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.29	1		08/04/11 15:49	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/04/11 15:49	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/04/11 15:49	2037-26-5	
4-Bromofluorobenzene (S)	103 %		67-142		1		08/04/11 15:49	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		67-136		1		08/04/11 15:49	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	30.5 %		0.10	0.10	1		08/02/11 17:05		
------------------	---------------	--	------	------	---	--	----------------	--	--

Sample: SUP_SL_46 14-16 **Lab ID: 258699032** Collected: 08/01/11 14:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	170	mg/kg	1.9	0.28	1	08/03/35 00:00	08/14/11 16:19	7440-38-2	
Cadmium	1.5	mg/kg	0.95	0.010	1	08/03/35 00:00	08/14/11 16:19	7440-43-9	
Lead	7.7	mg/kg	0.95	0.060	1	08/03/35 00:00	08/14/11 16:19	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	399	126	1	08/05/11 17:05	08/15/11 00:13	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	74 %		26-135		1	08/05/11 17:05	08/15/11 00:13	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1	0.15	1		08/04/11 16:06	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.1	0.19	1		08/04/11 16:06	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1	0.29	1		08/04/11 16:06	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.1	0.29	1		08/04/11 16:06	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.1	0.41	1		08/04/11 16:06	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.1	0.24	1		08/04/11 16:06	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.1	0.38	1		08/04/11 16:06	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.1	0.36	1		08/04/11 16:06	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.1	0.29	1		08/04/11 16:06	87-61-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 14-16 Lab ID: 258699032 Collected: 08/01/11 14:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2,3-Trichloropropane	ND	ug/kg	3.1	0.35	1		08/04/11 16:06	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.1	0.25	1		08/04/11 16:06	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.1	0.53	1		08/04/11 16:06	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	0.40	1		08/04/11 16:06	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	0.22	1		08/04/11 16:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/04/11 16:06	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.1	0.23	1		08/04/11 16:06	107-06-2	
1,2-Dichloroethene (Total)	25.5	ug/kg	6.2	0.38	1		08/04/11 16:06	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/04/11 16:06	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.1	0.33	1		08/04/11 16:06	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.1	0.20	1		08/04/11 16:06	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.1	0.29	1		08/04/11 16:06	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/04/11 16:06	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/04/11 16:06	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.3	1.6	1		08/04/11 16:06	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.1	0.32	1		08/04/11 16:06	95-49-8	
2-Hexanone	ND	ug/kg	10.3	0.37	1		08/04/11 16:06	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.1	0.27	1		08/04/11 16:06	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.3	0.31	1		08/04/11 16:06	108-10-1	
Acetone	3.9J	ug/kg	10.3	1.1	1		08/04/11 16:06	67-64-1	
Benzene	0.42J	ug/kg	3.1	0.15	1		08/04/11 16:06	71-43-2	B
Bromobenzene	ND	ug/kg	3.1	0.24	1		08/04/11 16:06	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	0.23	1		08/04/11 16:06	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	0.12	1		08/04/11 16:06	75-27-4	
Bromoform	ND	ug/kg	3.1	0.24	1		08/04/11 16:06	75-25-2	
Bromomethane	ND	ug/kg	3.1	0.33	1		08/04/11 16:06	74-83-9	
Carbon disulfide	1.4J	ug/kg	3.1	0.29	1		08/04/11 16:06	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.1	0.19	1		08/04/11 16:06	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	0.19	1		08/04/11 16:06	108-90-7	
Chloroethane	ND	ug/kg	3.1	0.30	1		08/04/11 16:06	75-00-3	
Chloroform	ND	ug/kg	3.1	0.20	1		08/04/11 16:06	67-66-3	
Chloromethane	ND	ug/kg	3.1	0.21	1		08/04/11 16:06	74-87-3	
Dibromochloromethane	ND	ug/kg	3.1	0.10	1		08/04/11 16:06	124-48-1	
Dibromomethane	ND	ug/kg	3.1	0.21	1		08/04/11 16:06	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.1	0.43	1		08/04/11 16:06	75-71-8	
Ethylbenzene	ND	ug/kg	3.1	0.39	1		08/04/11 16:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.1	0.31	1		08/04/11 16:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	0.36	1		08/04/11 16:06	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	3.1	0.26	1		08/04/11 16:06	1634-04-4	
Methylene chloride	ND	ug/kg	10.3	2.7	1		08/04/11 16:06	75-09-2	
Naphthalene	ND	ug/kg	3.1	0.56	1		08/04/11 16:06	91-20-3	
Styrene	ND	ug/kg	3.1	0.30	1		08/04/11 16:06	100-42-5	
Tetrachloroethene	0.63J	ug/kg	3.1	0.39	1		08/04/11 16:06	127-18-4	B
Toluene	ND	ug/kg	3.1	0.32	1		08/04/11 16:06	108-88-3	
Trichloroethene	ND	ug/kg	3.1	0.22	1		08/04/11 16:06	79-01-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46 14-16 **Lab ID:** 258699032 Collected: 08/01/11 14:05 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Trichlorofluoromethane	ND	ug/kg	3.1	0.24	1		08/04/11 16:06	75-69-4	
Vinyl chloride	6.4	ug/kg	3.1	0.29	1		08/04/11 16:06	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	0.77	1		08/04/11 16:06	1330-20-7	
cis-1,2-Dichloroethene	25.5	ug/kg	3.1	0.21	1		08/04/11 16:06	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	0.13	1		08/04/11 16:06	10061-01-5	
m&p-Xylene	ND	ug/kg	6.2	0.77	1		08/04/11 16:06	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.1	0.47	1		08/04/11 16:06	104-51-8	L3
n-Propylbenzene	ND	ug/kg	3.1	0.36	1		08/04/11 16:06	103-65-1	
o-Xylene	ND	ug/kg	3.1	0.33	1		08/04/11 16:06	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.1	0.40	1		08/04/11 16:06	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.1	0.43	1		08/04/11 16:06	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.1	0.27	1		08/04/11 16:06	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.1	0.35	1		08/04/11 16:06	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	0.31	1		08/04/11 16:06	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	0.22	1		08/04/11 16:06	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/04/11 16:06	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/04/11 16:06	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/04/11 16:06	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/04/11 16:06	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.4 %		0.10	0.10	1		08/02/11 17:05		

Sample: SUP_SL_46_DUP **Lab ID:** 258699033 Collected: 08/01/11 14:10 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	6940	mg/kg	12.3	1.8	5	08/03/35 00:00	08/15/11 17:46	7440-38-2	
Cadmium	70.2	mg/kg	2.5	0.027	2	08/03/35 00:00	08/14/11 21:17	7440-43-9	
Lead	1480	mg/kg	1.2	0.078	1	08/03/35 00:00	08/14/11 16:23	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	502	159	1	08/05/11 17:05	08/15/11 00:36	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	75 %		26-135		1	08/05/11 17:05	08/15/11 00:36	118-79-6	
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B							
1,2-Dichloroethene (Total)	1970	ug/kg	192	7.1	1	08/12/11 00:00	08/12/11 23:34	540-59-0	
cis-1,2-Dichloroethene	1940	ug/kg	95.8	3.8	1	08/12/11 00:00	08/12/11 23:34	156-59-2	
Vinyl chloride	45.8J	ug/kg	95.8	4.4	1	08/12/11 00:00	08/12/11 23:34	75-01-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_46_DUP Lab ID: 258699033 Collected: 08/01/11 14:10 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B							
Surrogates									
Dibromofluoromethane (S)	98 %		75-116		1	08/12/11 00:00	08/12/11 23:34	1868-53-7	
Toluene-d8 (S)	99 %		74-124		1	08/12/11 00:00	08/12/11 23:34	2037-26-5	
4-Bromofluorobenzene (S)	95 %		73-128		1	08/12/11 00:00	08/12/11 23:34	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		70-125		1	08/12/11 00:00	08/12/11 23:34	17060-07-0	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Acetone	58.4	ug/kg	22.0	2.4	1		08/04/11 16:23	67-64-1	1n
tert-Amylmethyl ether	ND	ug/kg	6.6	0.57	1		08/04/11 16:23	994-05-8	
Benzene	3.3J	ug/kg	6.6	0.33	1		08/04/11 16:23	71-43-2	B
Bromobenzene	ND	ug/kg	6.6	0.52	1		08/04/11 16:23	108-86-1	
Bromochloromethane	ND	ug/kg	6.6	0.48	1		08/04/11 16:23	74-97-5	
Bromodichloromethane	ND	ug/kg	6.6	0.26	1		08/04/11 16:23	75-27-4	
Bromoform	ND	ug/kg	6.6	0.51	1		08/04/11 16:23	75-25-2	
Bromomethane	ND	ug/kg	6.6	0.70	1		08/04/11 16:23	74-83-9	
2-Butanone (MEK)	138	ug/kg	22.0	3.3	1		08/04/11 16:23	78-93-3	
n-Butylbenzene	ND	ug/kg	6.6	1.0	1		08/04/11 16:23	104-51-8	L3
sec-Butylbenzene	ND	ug/kg	6.6	0.92	1		08/04/11 16:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.6	0.76	1		08/04/11 16:23	98-06-6	
Carbon disulfide	2.6J	ug/kg	6.6	0.61	1		08/04/11 16:23	75-15-0	B
Carbon tetrachloride	ND	ug/kg	6.6	0.40	1		08/04/11 16:23	56-23-5	
Chlorobenzene	ND	ug/kg	6.6	0.40	1		08/04/11 16:23	108-90-7	
Chloroethane	ND	ug/kg	6.6	0.64	1		08/04/11 16:23	75-00-3	
Chloroform	ND	ug/kg	6.6	0.43	1		08/04/11 16:23	67-66-3	
Chloromethane	ND	ug/kg	6.6	0.45	1		08/04/11 16:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.6	0.69	1		08/04/11 16:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.6	0.58	1		08/04/11 16:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.0	0.86	1		08/04/11 16:23	96-12-8	
Dibromochloromethane	ND	ug/kg	6.6	0.22	1		08/04/11 16:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.6	0.46	1		08/04/11 16:23	106-93-4	
Dibromomethane	ND	ug/kg	6.6	0.46	1		08/04/11 16:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.6	0.54	1		08/04/11 16:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	0.42	1		08/04/11 16:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	0.53	1		08/04/11 16:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.6	0.91	1		08/04/11 16:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.6	0.52	1		08/04/11 16:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.6	0.49	1		08/04/11 16:23	107-06-2	
1,1-Dichloroethene	16.6	ug/kg	6.6	0.81	1		08/04/11 16:23	75-35-4	
trans-1,2-Dichloroethene	27.9	ug/kg	6.6	0.66	1		08/04/11 16:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.6	0.40	1		08/04/11 16:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.6	0.61	1		08/04/11 16:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.6	0.41	1		08/04/11 16:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.6	0.77	1		08/04/11 16:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.6	0.29	1		08/04/11 16:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.6	0.46	1		08/04/11 16:23	10061-02-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_46_DUP Lab ID: 258699033 Collected: 08/01/11 14:10 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Ethylbenzene	ND	ug/kg	6.6	0.83	1		08/04/11 16:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.6	0.65	1		08/04/11 16:23	87-68-3	
2-Hexanone	ND	ug/kg	22.0	0.79	1		08/04/11 16:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.6	0.76	1		08/04/11 16:23	98-82-8	L3
p-Isopropyltoluene	ND	ug/kg	6.6	0.85	1		08/04/11 16:23	99-87-6	
Methylene chloride	ND	ug/kg	22.0	5.8	1		08/04/11 16:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.0	0.67	1		08/04/11 16:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.6	0.55	1		08/04/11 16:23	1634-04-4	
Naphthalene	ND	ug/kg	6.6	1.2	1		08/04/11 16:23	91-20-3	
n-Propylbenzene	ND	ug/kg	6.6	0.77	1		08/04/11 16:23	103-65-1	
Styrene	ND	ug/kg	6.6	0.63	1		08/04/11 16:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.6	0.32	1		08/04/11 16:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6	0.61	1		08/04/11 16:23	79-34-5	
Tetrachloroethene	3.0J	ug/kg	6.6	0.84	1		08/04/11 16:23	127-18-4	B
Toluene	0.75J	ug/kg	6.6	0.68	1		08/04/11 16:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.6	0.61	1		08/04/11 16:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.6	0.53	1		08/04/11 16:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.6	0.40	1		08/04/11 16:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.6	0.61	1		08/04/11 16:23	79-00-5	
Trichloroethene	11.7	ug/kg	6.6	0.46	1		08/04/11 16:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.6	0.50	1		08/04/11 16:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.6	0.75	1		08/04/11 16:23	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.6	0.89	1		08/04/11 16:23	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	6.6	1.1	1		08/04/11 16:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.6	0.70	1		08/04/11 16:23	108-67-8	
Xylene (Total)	ND	ug/kg	19.8	1.6	1		08/04/11 16:23	1330-20-7	
m&p-Xylene	ND	ug/kg	13.2	1.6	1		08/04/11 16:23	179601-23-1	
o-Xylene	ND	ug/kg	6.6	0.72	1		08/04/11 16:23	95-47-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/04/11 16:23	1868-53-7	
Toluene-d8 (S)	100 %		69-133		1		08/04/11 16:23	2037-26-5	
4-Bromofluorobenzene (S)	105 %		67-142		1		08/04/11 16:23	460-00-4	
1,2-Dichloroethane-d4 (S)	118 %		67-136		1		08/04/11 16:23	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.0 %		0.10	0.10	1		08/03/11 16:21		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_47 1-2 Lab ID: 258699034 Collected: 08/01/11 14:15 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	15.7	mg/kg	3.4	0.50	2	08/03/35 00:00	08/14/11 21:21	7440-38-2	
Cadmium	ND	mg/kg	1.7	0.019	2	08/03/35 00:00	08/14/11 21:21	7440-43-9	
Lead	15.4	mg/kg	0.84	0.053	1	08/03/35 00:00	08/14/11 16:27	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	355	113	1	08/05/11 17:05	08/15/11 05:06	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	78	%	26-135		1	08/05/11 17:05	08/15/11 05:06	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/04/11 16:40	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.19	1		08/04/11 16:40	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/04/11 16:40	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/04/11 16:40	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.41	1		08/04/11 16:40	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/04/11 16:40	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/04/11 16:40	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/04/11 16:40	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/04/11 16:40	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.35	1		08/04/11 16:40	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.25	1		08/04/11 16:40	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/04/11 16:40	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/04/11 16:40	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/04/11 16:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/04/11 16:40	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/04/11 16:40	107-06-2	
1,2-Dichloroethene (Total)	7.0	ug/kg	6.1	0.37	1		08/04/11 16:40	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/04/11 16:40	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/04/11 16:40	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/04/11 16:40	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/04/11 16:40	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/04/11 16:40	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/04/11 16:40	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.1	1.5	1		08/04/11 16:40	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.32	1		08/04/11 16:40	95-49-8	
2-Hexanone	ND	ug/kg	10.1	0.36	1		08/04/11 16:40	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/04/11 16:40	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.1	0.31	1		08/04/11 16:40	108-10-1	
Acetone	43.8	ug/kg	10.1	1.1	1		08/04/11 16:40	67-64-1	1n
Benzene	0.50J	ug/kg	3.0	0.15	1		08/04/11 16:40	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.24	1		08/04/11 16:40	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/04/11 16:40	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/04/11 16:40	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/04/11 16:40	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/04/11 16:40	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 1-2 Lab ID: 258699034 Collected: 08/01/11 14:15 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
Carbon disulfide	0.79J	ug/kg	3.0	0.28	1		08/04/11 16:40	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/04/11 16:40	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/04/11 16:40	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/04/11 16:40	75-00-3	
Chloroform	ND	ug/kg	3.0	0.20	1		08/04/11 16:40	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/04/11 16:40	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/04/11 16:40	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/04/11 16:40	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/04/11 16:40	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/04/11 16:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/04/11 16:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/04/11 16:40	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/04/11 16:40	1634-04-4	
Methylene chloride	ND	ug/kg	10.1	2.7	1		08/04/11 16:40	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		08/04/11 16:40	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/04/11 16:40	100-42-5	
Tetrachloroethene	14.6	ug/kg	3.0	0.39	1		08/04/11 16:40	127-18-4	B
Toluene	0.38J	ug/kg	3.0	0.31	1		08/04/11 16:40	108-88-3	
Trichloroethene	7.1	ug/kg	3.0	0.21	1		08/04/11 16:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/04/11 16:40	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/04/11 16:40	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	0.76	1		08/04/11 16:40	1330-20-7	
cis-1,2-Dichloroethene	6.6	ug/kg	3.0	0.21	1		08/04/11 16:40	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/04/11 16:40	10061-01-5	
m&p-Xylene	ND	ug/kg	6.1	0.76	1		08/04/11 16:40	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/04/11 16:40	104-51-8	L3
n-Propylbenzene	ND	ug/kg	3.0	0.36	1		08/04/11 16:40	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/04/11 16:40	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.39	1		08/04/11 16:40	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/04/11 16:40	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/04/11 16:40	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.35	1		08/04/11 16:40	98-06-6	
trans-1,2-Dichloroethene	0.39J	ug/kg	3.0	0.30	1		08/04/11 16:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/04/11 16:40	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108	%	72-129		1		08/04/11 16:40	1868-53-7	
Toluene-d8 (S)	95	%	69-133		1		08/04/11 16:40	2037-26-5	
4-Bromofluorobenzene (S)	105	%	67-142		1		08/04/11 16:40	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	67-136		1		08/04/11 16:40	17060-07-0	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	9.7	%	0.10	0.10	1		08/03/11 16:22		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 2-4 Lab ID: 258699035 Collected: 08/01/11 14:20 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	186	mg/kg	4.2	0.63	2	08/03/35 00:00	08/14/11 21:24	7440-38-2	
Cadmium	1.7J	mg/kg	2.1	0.023	2	08/03/35 00:00	08/14/11 21:24	7440-43-9	
Lead	219	mg/kg	1.1	0.067	1	08/03/35 00:00	08/14/11 16:37	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	391	124	1	08/05/11 17:05	08/15/11 05:29	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	76	%	26-135		1	08/05/11 17:05	08/15/11 05:29	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		08/11/11 15:09	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		08/11/11 15:09	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		08/11/11 15:09	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		08/11/11 15:09	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.55	1		08/11/11 15:09	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.33	1		08/11/11 15:09	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.51	1		08/11/11 15:09	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.48	1		08/11/11 15:09	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		08/11/11 15:09	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.47	1		08/11/11 15:09	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.33	1		08/11/11 15:09	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	0.71	1		08/11/11 15:09	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	0.54	1		08/11/11 15:09	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		08/11/11 15:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.34	1		08/11/11 15:09	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.1	0.30	1		08/11/11 15:09	107-06-2	
1,2-Dichloroethene (Total)	45.8	ug/kg	8.2	0.51	1		08/11/11 15:09	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		08/11/11 15:09	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	0.44	1		08/11/11 15:09	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		08/11/11 15:09	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		08/11/11 15:09	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		08/11/11 15:09	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.26	1		08/11/11 15:09	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.7	2.1	1		08/11/11 15:09	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		08/11/11 15:09	95-49-8	
2-Hexanone	ND	ug/kg	13.7	0.49	1		08/11/11 15:09	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.37	1		08/11/11 15:09	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.7	0.42	1		08/11/11 15:09	108-10-1	
Acetone	67.2	ug/kg	13.7	1.5	1		08/11/11 15:09	67-64-1	1n
Benzene	0.58J	ug/kg	4.1	0.21	1		08/11/11 15:09	71-43-2	
Bromobenzene	ND	ug/kg	4.1	0.32	1		08/11/11 15:09	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		08/11/11 15:09	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		08/11/11 15:09	75-27-4	
Bromoform	ND	ug/kg	4.1	0.32	1		08/11/11 15:09	75-25-2	
Bromomethane	ND	ug/kg	4.1	0.44	1		08/11/11 15:09	74-83-9	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_47 2-4 Lab ID: 258699035 Collected: 08/01/11 14:20 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.6J	ug/kg	4.1	0.38	1		08/11/11 15:09	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		08/11/11 15:09	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	0.25	1		08/11/11 15:09	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.40	1		08/11/11 15:09	75-00-3	
Chloroform	ND	ug/kg	4.1	0.27	1		08/11/11 15:09	67-66-3	
Chloromethane	ND	ug/kg	4.1	0.28	1		08/11/11 15:09	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		08/11/11 15:09	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.29	1		08/11/11 15:09	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.57	1		08/11/11 15:09	75-71-8	
Ethylbenzene	ND	ug/kg	4.1	0.52	1		08/11/11 15:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	0.41	1		08/11/11 15:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	0.48	1		08/11/11 15:09	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.34	1		08/11/11 15:09	1634-04-4	
Methylene chloride	ND	ug/kg	13.7	3.6	1		08/11/11 15:09	75-09-2	
Naphthalene	1.7J	ug/kg	4.1	0.75	1		08/11/11 15:09	91-20-3	B
Styrene	ND	ug/kg	4.1	0.39	1		08/11/11 15:09	100-42-5	
Tetrachloroethene	22.9	ug/kg	4.1	0.53	1		08/11/11 15:09	127-18-4	
Toluene	3.6J	ug/kg	4.1	0.42	1		08/11/11 15:09	108-88-3	
Trichloroethene	11.1	ug/kg	4.1	0.29	1		08/11/11 15:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.31	1		08/11/11 15:09	75-69-4	
Vinyl chloride	0.92J	ug/kg	4.1	0.38	1		08/11/11 15:09	75-01-4	
Xylene (Total)	ND	ug/kg	12.4	1.0	1		08/11/11 15:09	1330-20-7	
cis-1,2-Dichloroethene	42.1	ug/kg	4.1	0.29	1		08/11/11 15:09	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		08/11/11 15:09	10061-01-5	
m&p-Xylene	ND	ug/kg	8.2	1.0	1		08/11/11 15:09	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.1	0.63	1		08/11/11 15:09	104-51-8	
n-Propylbenzene	ND	ug/kg	4.1	0.48	1		08/11/11 15:09	103-65-1	
o-Xylene	ND	ug/kg	4.1	0.45	1		08/11/11 15:09	95-47-6	
p-Isopropyltoluene	1.4J	ug/kg	4.1	0.53	1		08/11/11 15:09	99-87-6	B
sec-Butylbenzene	ND	ug/kg	4.1	0.58	1		08/11/11 15:09	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.36	1		08/11/11 15:09	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.47	1		08/11/11 15:09	98-06-6	
trans-1,2-Dichloroethene	3.6J	ug/kg	4.1	0.41	1		08/11/11 15:09	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.29	1		08/11/11 15:09	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%	72-129		1		08/11/11 15:09	1868-53-7	
Toluene-d8 (S)	103	%	69-133		1		08/11/11 15:09	2037-26-5	
4-Bromofluorobenzene (S)	119	%	67-142		1		08/11/11 15:09	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	67-136		1		08/11/11 15:09	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.9	%	0.10	0.10	1		08/03/11 16:22		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 4-6 Lab ID: 258699036 Collected: 08/01/11 14:25 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	25.2	mg/kg	7.8	1.2	2	08/03/35 00:00	08/14/11 21:28	7440-38-2	
Cadmium	1.6J	mg/kg	3.9	0.043	2	08/03/35 00:00	08/14/11 21:28	7440-43-9	
Lead	236	mg/kg	9.7	0.61	5	08/03/35 00:00	08/14/11 19:32	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	675	214	1	08/05/11 17:05	08/15/11 00:58	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	0 %		26-135		1	08/05/11 17:05	08/15/11 00:58	118-79-6	S2
8260 MSV 5035A Med Level VOA									
Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B									
1,2-Dichloroethene (Total)	6730J	ug/kg	14800	544	50	08/12/11 00:00	08/13/11 00:10	540-59-0	
Hexachloro-1,3-butadiene	2830J	ug/kg	14800	1260	50	08/12/11 00:00	08/13/11 00:10	87-68-3	
Tetrachloroethene	48900	ug/kg	7390	575	50	08/12/11 00:00	08/13/11 00:10	127-18-4	
Trichloroethene	6280J	ug/kg	7390	232	50	08/12/11 00:00	08/13/11 00:10	79-01-6	
cis-1,2-Dichloroethene	6730J	ug/kg	7390	296	50	08/12/11 00:00	08/13/11 00:10	156-59-2	
Surrogates									
Dibromofluoromethane (S)	100 %		75-116		50	08/12/11 00:00	08/13/11 00:10	1868-53-7	
Toluene-d8 (S)	101 %		74-124		50	08/12/11 00:00	08/13/11 00:10	2037-26-5	
4-Bromofluorobenzene (S)	101 %		73-128		50	08/12/11 00:00	08/13/11 00:10	460-00-4	
1,2-Dichloroethane-d4 (S)	105 %		70-125		50	08/12/11 00:00	08/13/11 00:10	17060-07-0	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.1	0.35	1		08/04/11 17:14	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.1	0.44	1		08/04/11 17:14	71-55-6	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.1	0.66	1		08/04/11 17:14	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.1	0.66	1		08/04/11 17:14	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.1	0.96	1		08/04/11 17:14	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.1	0.56	1		08/04/11 17:14	75-34-3	
1,1-Dichloroethene	41.2	ug/kg	7.1	0.88	1		08/04/11 17:14	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.1	0.83	1		08/04/11 17:14	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.1	0.66	1		08/04/11 17:14	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.1	0.81	1		08/04/11 17:14	96-18-4	
1,2,4-Trichlorobenzene	1.9J	ug/kg	7.1	0.58	1		08/04/11 17:14	120-82-1	B
1,2,4-Trimethylbenzene	2.0J	ug/kg	7.1	1.2	1		08/04/11 17:14	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.9	0.93	1		08/04/11 17:14	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.1	0.50	1		08/04/11 17:14	106-93-4	
1,2-Dichlorobenzene	0.79J	ug/kg	7.1	0.59	1		08/04/11 17:14	95-50-1	B
1,2-Dichloroethane	ND	ug/kg	7.1	0.53	1		08/04/11 17:14	107-06-2	
1,2-Dichloropropane	ND	ug/kg	7.1	0.43	1		08/04/11 17:14	78-87-5	
1,3,5-Trimethylbenzene	0.76J	ug/kg	7.1	0.76	1		08/04/11 17:14	108-67-8	
1,3-Dichlorobenzene	2.1J	ug/kg	7.1	0.45	1		08/04/11 17:14	541-73-1	B
1,3-Dichloropropane	ND	ug/kg	7.1	0.66	1		08/04/11 17:14	142-28-9	
1,4-Dichlorobenzene	0.67J	ug/kg	7.1	0.57	1		08/04/11 17:14	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	7.1	0.44	1		08/04/11 17:14	594-20-7	
2-Butanone (MEK)	412	ug/kg	23.8	3.6	1		08/04/11 17:14	78-93-3	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_47 4-6 **Lab ID:** 258699036 Collected: 08/01/11 14:25 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2-Chlorotoluene	ND	ug/kg	7.1	0.75	1		08/04/11 17:14	95-49-8	
2-Hexanone	ND	ug/kg	23.8	0.86	1		08/04/11 17:14	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.1	0.63	1		08/04/11 17:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.8	0.72	1		08/04/11 17:14	108-10-1	
Acetone	269	ug/kg	23.8	2.6	1		08/04/11 17:14	67-64-1	1n
Benzene	23.2	ug/kg	7.1	0.36	1		08/04/11 17:14	71-43-2	B
Bromobenzene	ND	ug/kg	7.1	0.56	1		08/04/11 17:14	108-86-1	
Bromochloromethane	ND	ug/kg	7.1	0.52	1		08/04/11 17:14	74-97-5	
Bromodichloromethane	ND	ug/kg	7.1	0.28	1		08/04/11 17:14	75-27-4	
Bromoform	ND	ug/kg	7.1	0.55	1		08/04/11 17:14	75-25-2	
Bromomethane	ND	ug/kg	7.1	0.76	1		08/04/11 17:14	74-83-9	
Carbon disulfide	263	ug/kg	7.1	0.66	1		08/04/11 17:14	75-15-0	B
Carbon tetrachloride	ND	ug/kg	7.1	0.43	1		08/04/11 17:14	56-23-5	
Chlorobenzene	ND	ug/kg	7.1	0.44	1		08/04/11 17:14	108-90-7	
Chloroethane	ND	ug/kg	7.1	0.69	1		08/04/11 17:14	75-00-3	
Chloroform	1.0J	ug/kg	7.1	0.46	1		08/04/11 17:14	67-66-3	
Chloromethane	ND	ug/kg	7.1	0.49	1		08/04/11 17:14	74-87-3	
Dibromochloromethane	ND	ug/kg	7.1	0.24	1		08/04/11 17:14	124-48-1	
Dibromomethane	ND	ug/kg	7.1	0.50	1		08/04/11 17:14	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.1	0.99	1		08/04/11 17:14	75-71-8	
Ethylbenzene	2.0J	ug/kg	7.1	0.90	1		08/04/11 17:14	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	7.1	0.82	1		08/04/11 17:14	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	7.1	0.59	1		08/04/11 17:14	1634-04-4	
Methylene chloride	ND	ug/kg	23.8	6.3	1		08/04/11 17:14	75-09-2	
Naphthalene	14.1	ug/kg	7.1	1.3	1		08/04/11 17:14	91-20-3	
Styrene	1.4J	ug/kg	7.1	0.68	1		08/04/11 17:14	100-42-5	
Toluene	6.4J	ug/kg	7.1	0.73	1		08/04/11 17:14	108-88-3	
Trichlorofluoromethane	ND	ug/kg	7.1	0.55	1		08/04/11 17:14	75-69-4	
Vinyl chloride	402	ug/kg	7.1	0.67	1		08/04/11 17:14	75-01-4	
Xylene (Total)	3.5J	ug/kg	21.4	1.8	1		08/04/11 17:14	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/kg	7.1	0.31	1		08/04/11 17:14	10061-01-5	
m&p-Xylene	2.0J	ug/kg	14.3	1.8	1		08/04/11 17:14	179601-23-1	
n-Butylbenzene	ND	ug/kg	7.1	1.1	1		08/04/11 17:14	104-51-8	L3
n-Propylbenzene	ND	ug/kg	7.1	0.84	1		08/04/11 17:14	103-65-1	
o-Xylene	1.5J	ug/kg	7.1	0.77	1		08/04/11 17:14	95-47-6	
p-Isopropyltoluene	ND	ug/kg	7.1	0.92	1		08/04/11 17:14	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.1	1.0	1		08/04/11 17:14	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.1	0.62	1		08/04/11 17:14	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.1	0.82	1		08/04/11 17:14	98-06-6	
trans-1,2-Dichloroethene	287	ug/kg	7.1	0.71	1		08/04/11 17:14	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.1	0.50	1		08/04/11 17:14	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	32	%	72-129		1		08/04/11 17:14	1868-53-7	S5
Toluene-d8 (S)	93	%	69-133		1		08/04/11 17:14	2037-26-5	
4-Bromofluorobenzene (S)	96	%	67-142		1		08/04/11 17:14	460-00-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_47 4-6 **Lab ID: 258699036** Collected: 08/01/11 14:25 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
<i>Surrogates</i>									
1,2-Dichloroethane-d4 (S)	118 %		67-136		1		08/04/11 17:14	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	52.2 %		0.10	0.10	1		08/03/11 16:23		

Sample: SUP_SL_47 6-8 **Lab ID: 258699037** Collected: 08/01/11 14:30 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	93.7 mg/kg		82.9	12.4	20	08/03/35 00:00	08/16/11 20:20	7440-38-2	
Cadmium	1.0J mg/kg		2.1	0.023	1	08/03/35 00:00	08/14/11 16:45	7440-43-9	
Lead	620 mg/kg		41.5	2.6	20	08/03/35 00:00	08/16/11 20:20	7439-92-1	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND ug/kg		823	261	1	08/05/11 17:05	08/15/11 01:21	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	2 %		26-135		1	08/05/11 17:05	08/15/11 01:21	118-79-6	S2
8260 MSV 5035A Med Level VOA Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B									
1,2-Dichloroethene (Total)	14200J ug/kg		25200	926	50	08/12/11 00:00	08/13/11 00:28	540-59-0	
Hexachloro-1,3-butadiene	27800 ug/kg		25200	2150	50	08/12/11 00:00	08/13/11 00:28	87-68-3	
Tetrachloroethene	2380000 ug/kg		12600	979	50	08/12/11 00:00	08/13/11 00:28	127-18-4	
Trichloroethene	171000 ug/kg		12600	395	50	08/12/11 00:00	08/13/11 00:28	79-01-6	
cis-1,2-Dichloroethene	13300 ug/kg		12600	503	50	08/12/11 00:00	08/13/11 00:28	156-59-2	
<i>Surrogates</i>									
Dibromofluoromethane (S)	98 %		75-116		50	08/12/11 00:00	08/13/11 00:28	1868-53-7	
Toluene-d8 (S)	103 %		74-124		50	08/12/11 00:00	08/13/11 00:28	2037-26-5	
4-Bromofluorobenzene (S)	99 %		73-128		50	08/12/11 00:00	08/13/11 00:28	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		70-125		50	08/12/11 00:00	08/13/11 00:28	17060-07-0	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND ug/kg		9.5	0.46	1		08/04/11 17:31	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		9.5	0.58	1		08/04/11 17:31	71-55-6	
1,1,1,2-Tetrachloroethane	ND ug/kg		9.5	0.88	1		08/04/11 17:31	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		9.5	0.88	1		08/04/11 17:31	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		9.5	1.3	1		08/04/11 17:31	76-13-1	
1,1-Dichloroethane	ND ug/kg		9.5	0.75	1		08/04/11 17:31	75-34-3	
1,1-Dichloroethene	92.7 ug/kg		9.5	1.2	1		08/04/11 17:31	75-35-4	
1,1-Dichloropropene	ND ug/kg		9.5	1.1	1		08/04/11 17:31	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		9.5	0.88	1		08/04/11 17:31	87-61-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 6-8 Lab ID: 258699037 Collected: 08/01/11 14:30 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2,3-Trichloropropane	ND	ug/kg	9.5	1.1	1		08/04/11 17:31	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	9.5	0.77	1		08/04/11 17:31	120-82-1	
1,2,4-Trimethylbenzene	2.1J	ug/kg	9.5	1.6	1		08/04/11 17:31	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.8	1.2	1		08/04/11 17:31	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.5	0.67	1		08/04/11 17:31	106-93-4	
1,2-Dichlorobenzene	1.3J	ug/kg	9.5	0.78	1		08/04/11 17:31	95-50-1	B
1,2-Dichloroethane	ND	ug/kg	9.5	0.70	1		08/04/11 17:31	107-06-2	
1,2-Dichloropropane	ND	ug/kg	9.5	0.57	1		08/04/11 17:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	9.5	1.0	1		08/04/11 17:31	108-67-8	
1,3-Dichlorobenzene	6.6J	ug/kg	9.5	0.60	1		08/04/11 17:31	541-73-1	B
1,3-Dichloropropane	ND	ug/kg	9.5	0.88	1		08/04/11 17:31	142-28-9	
1,4-Dichlorobenzene	1.0J	ug/kg	9.5	0.76	1		08/04/11 17:31	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	9.5	0.59	1		08/04/11 17:31	594-20-7	
2-Butanone (MEK)	ND	ug/kg	31.6	4.8	1		08/04/11 17:31	78-93-3	
2-Chlorotoluene	ND	ug/kg	9.5	0.99	1		08/04/11 17:31	95-49-8	
2-Hexanone	ND	ug/kg	31.6	1.1	1		08/04/11 17:31	591-78-6	
4-Chlorotoluene	ND	ug/kg	9.5	0.84	1		08/04/11 17:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	31.6	0.96	1		08/04/11 17:31	108-10-1	
Acetone	429	ug/kg	31.6	3.5	1		08/04/11 17:31	67-64-1	1n
Benzene	32.7	ug/kg	9.5	0.47	1		08/04/11 17:31	71-43-2	B
Bromobenzene	ND	ug/kg	9.5	0.74	1		08/04/11 17:31	108-86-1	
Bromochloromethane	ND	ug/kg	9.5	0.70	1		08/04/11 17:31	74-97-5	
Bromodichloromethane	ND	ug/kg	9.5	0.37	1		08/04/11 17:31	75-27-4	
Bromoform	ND	ug/kg	9.5	0.73	1		08/04/11 17:31	75-25-2	
Bromomethane	ND	ug/kg	9.5	1.0	1		08/04/11 17:31	74-83-9	
Carbon disulfide	195	ug/kg	9.5	0.88	1		08/04/11 17:31	75-15-0	B
Carbon tetrachloride	ND	ug/kg	9.5	0.57	1		08/04/11 17:31	56-23-5	
Chlorobenzene	ND	ug/kg	9.5	0.58	1		08/04/11 17:31	108-90-7	
Chloroethane	ND	ug/kg	9.5	0.91	1		08/04/11 17:31	75-00-3	
Chloroform	ND	ug/kg	9.5	0.61	1		08/04/11 17:31	67-66-3	
Chloromethane	ND	ug/kg	9.5	0.65	1		08/04/11 17:31	74-87-3	
Dibromochloromethane	ND	ug/kg	9.5	0.32	1		08/04/11 17:31	124-48-1	
Dibromomethane	ND	ug/kg	9.5	0.66	1		08/04/11 17:31	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	9.5	1.3	1		08/04/11 17:31	75-71-8	
Ethylbenzene	3.0J	ug/kg	9.5	1.2	1		08/04/11 17:31	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	9.5	1.1	1		08/04/11 17:31	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	9.5	0.79	1		08/04/11 17:31	1634-04-4	
Methylene chloride	ND	ug/kg	31.6	8.3	1		08/04/11 17:31	75-09-2	
Naphthalene	16.5	ug/kg	9.5	1.7	1		08/04/11 17:31	91-20-3	
Styrene	2.1J	ug/kg	9.5	0.91	1		08/04/11 17:31	100-42-5	
Toluene	21.4	ug/kg	9.5	0.97	1		08/04/11 17:31	108-88-3	
Trichlorofluoromethane	ND	ug/kg	9.5	0.72	1		08/04/11 17:31	75-69-4	
Vinyl chloride	763	ug/kg	9.5	0.88	1		08/04/11 17:31	75-01-4	E
Xylene (Total)	6.4J	ug/kg	28.5	2.4	1		08/04/11 17:31	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/kg	9.5	0.41	1		08/04/11 17:31	10061-01-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 6-8 **Lab ID:** 258699037 **Collected:** 08/01/11 14:30 **Received:** 08/01/11 16:00 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
m&p-Xylene	4.0J	ug/kg	19.0	2.4	1		08/04/11 17:31	179601-23-1	
n-Butylbenzene	ND	ug/kg	9.5	1.4	1		08/04/11 17:31	104-51-8	L3
n-Propylbenzene	ND	ug/kg	9.5	1.1	1		08/04/11 17:31	103-65-1	
o-Xylene	2.3J	ug/kg	9.5	1.0	1		08/04/11 17:31	95-47-6	
p-Isopropyltoluene	ND	ug/kg	9.5	1.2	1		08/04/11 17:31	99-87-6	
sec-Butylbenzene	ND	ug/kg	9.5	1.3	1		08/04/11 17:31	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	9.5	0.82	1		08/04/11 17:31	994-05-8	
tert-Butylbenzene	ND	ug/kg	9.5	1.1	1		08/04/11 17:31	98-06-6	
trans-1,2-Dichloroethene	497	ug/kg	9.5	0.95	1		08/04/11 17:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.5	0.67	1		08/04/11 17:31	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	27 %		72-129		1		08/04/11 17:31	1868-53-7	S5
Toluene-d8 (S)	96 %		69-133		1		08/04/11 17:31	2037-26-5	
4-Bromofluorobenzene (S)	97 %		67-142		1		08/04/11 17:31	460-00-4	
1,2-Dichloroethane-d4 (S)	118 %		67-136		1		08/04/11 17:31	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	60.5	%	0.10	0.10	1		08/03/11 16:27		

Sample: SUP_SL_47 8-10 **Lab ID:** 258699038 **Collected:** 08/01/11 14:35 **Received:** 08/01/11 16:00 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	83.3	mg/kg	2.7	0.40	1	08/03/35 00:00	08/14/11 16:48	7440-38-2	
Cadmium	0.51J	mg/kg	1.3	0.015	1	08/03/35 00:00	08/14/11 16:48	7440-43-9	
Lead	5.1	mg/kg	1.3	0.084	1	08/03/35 00:00	08/14/11 16:48	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	521	165	1	08/05/11 17:05	08/15/11 01:43	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79 %		26-135		1	08/05/11 17:05	08/15/11 01:43	118-79-6	
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B							
Tetrachloroethene	377	ug/kg	106	8.2	1	08/12/11 00:00	08/12/11 23:52	127-18-4	
Surrogates									
Dibromofluoromethane (S)	97 %		75-116		1	08/12/11 00:00	08/12/11 23:52	1868-53-7	
Toluene-d8 (S)	98 %		74-124		1	08/12/11 00:00	08/12/11 23:52	2037-26-5	
4-Bromofluorobenzene (S)	94 %		73-128		1	08/12/11 00:00	08/12/11 23:52	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		70-125		1	08/12/11 00:00	08/12/11 23:52	17060-07-0	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 8-10 Lab ID: 258699038 Collected: 08/01/11 14:35 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	0.25	1		08/04/11 17:48	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.2	0.32	1		08/04/11 17:48	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	0.48	1		08/04/11 17:48	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.2	0.48	1		08/04/11 17:48	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.2	0.69	1		08/04/11 17:48	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.2	0.41	1		08/04/11 17:48	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.2	0.64	1		08/04/11 17:48	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.2	0.60	1		08/04/11 17:48	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	0.48	1		08/04/11 17:48	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.2	0.59	1		08/04/11 17:48	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	0.42	1		08/04/11 17:48	120-82-1	
1,2,4-Trimethylbenzene	2.0J	ug/kg	5.2	0.89	1		08/04/11 17:48	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.6	0.67	1		08/04/11 17:48	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	0.36	1		08/04/11 17:48	106-93-4	
1,2-Dichlorobenzene	1.1J	ug/kg	5.2	0.42	1		08/04/11 17:48	95-50-1	B
1,2-Dichloroethane	ND	ug/kg	5.2	0.38	1		08/04/11 17:48	107-06-2	
1,2-Dichloroethene (Total)	84.2	ug/kg	10.3	0.64	1		08/04/11 17:48	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.2	0.31	1		08/04/11 17:48	78-87-5	
1,3,5-Trimethylbenzene	0.99J	ug/kg	5.2	0.55	1		08/04/11 17:48	108-67-8	
1,3-Dichlorobenzene	1.4J	ug/kg	5.2	0.33	1		08/04/11 17:48	541-73-1	B
1,3-Dichloropropane	ND	ug/kg	5.2	0.48	1		08/04/11 17:48	142-28-9	
1,4-Dichlorobenzene	2.1J	ug/kg	5.2	0.41	1		08/04/11 17:48	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	5.2	0.32	1		08/04/11 17:48	594-20-7	
2-Butanone (MEK)	49.6	ug/kg	17.2	2.6	1		08/04/11 17:48	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.2	0.54	1		08/04/11 17:48	95-49-8	
2-Hexanone	ND	ug/kg	17.2	0.62	1		08/04/11 17:48	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.2	0.46	1		08/04/11 17:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.2	0.52	1		08/04/11 17:48	108-10-1	
Acetone	194	ug/kg	17.2	1.9	1		08/04/11 17:48	67-64-1	1n
Benzene	11.3	ug/kg	5.2	0.26	1		08/04/11 17:48	71-43-2	B
Bromobenzene	ND	ug/kg	5.2	0.40	1		08/04/11 17:48	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	0.38	1		08/04/11 17:48	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	0.20	1		08/04/11 17:48	75-27-4	
Bromoform	ND	ug/kg	5.2	0.40	1		08/04/11 17:48	75-25-2	
Bromomethane	ND	ug/kg	5.2	0.55	1		08/04/11 17:48	74-83-9	
Carbon disulfide	29.5	ug/kg	5.2	0.48	1		08/04/11 17:48	75-15-0	B
Carbon tetrachloride	ND	ug/kg	5.2	0.31	1		08/04/11 17:48	56-23-5	
Chlorobenzene	9.1	ug/kg	5.2	0.31	1		08/04/11 17:48	108-90-7	
Chloroethane	ND	ug/kg	5.2	0.50	1		08/04/11 17:48	75-00-3	
Chloroform	ND	ug/kg	5.2	0.33	1		08/04/11 17:48	67-66-3	
Chloromethane	ND	ug/kg	5.2	0.35	1		08/04/11 17:48	74-87-3	
Dibromochloromethane	ND	ug/kg	5.2	0.17	1		08/04/11 17:48	124-48-1	
Dibromomethane	ND	ug/kg	5.2	0.36	1		08/04/11 17:48	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.2	0.71	1		08/04/11 17:48	75-71-8	
Ethylbenzene	1.7J	ug/kg	5.2	0.65	1		08/04/11 17:48	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 8-10 **Lab ID: 258699038** Collected: 08/01/11 14:35 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	9.5	ug/kg	5.2	0.51	1		08/04/11 17:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	0.60	1		08/04/11 17:48	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	5.2	0.43	1		08/04/11 17:48	1634-04-4	
Methylene chloride	ND	ug/kg	17.2	4.5	1		08/04/11 17:48	75-09-2	
Naphthalene	11.6	ug/kg	5.2	0.94	1		08/04/11 17:48	91-20-3	
Styrene	ND	ug/kg	5.2	0.49	1		08/04/11 17:48	100-42-5	
Toluene	12.2	ug/kg	5.2	0.53	1		08/04/11 17:48	108-88-3	
Trichloroethene	209	ug/kg	5.2	0.36	1		08/04/11 17:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.2	0.39	1		08/04/11 17:48	75-69-4	
Vinyl chloride	43.8	ug/kg	5.2	0.48	1		08/04/11 17:48	75-01-4	
Xylene (Total)	4.2J	ug/kg	15.5	1.3	1		08/04/11 17:48	1330-20-7	
cis-1,2-Dichloroethene	66.4	ug/kg	5.2	0.36	1		08/04/11 17:48	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	0.22	1		08/04/11 17:48	10061-01-5	
m&p-Xylene	2.8J	ug/kg	10.3	1.3	1		08/04/11 17:48	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.2	0.79	1		08/04/11 17:48	104-51-8	L3
n-Propylbenzene	ND	ug/kg	5.2	0.61	1		08/04/11 17:48	103-65-1	
o-Xylene	1.4J	ug/kg	5.2	0.56	1		08/04/11 17:48	95-47-6	
p-Isopropyltoluene	1.7J	ug/kg	5.2	0.66	1		08/04/11 17:48	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.2	0.72	1		08/04/11 17:48	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.2	0.45	1		08/04/11 17:48	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.2	0.59	1		08/04/11 17:48	98-06-6	
trans-1,2-Dichloroethene	17.8	ug/kg	5.2	0.52	1		08/04/11 17:48	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	0.36	1		08/04/11 17:48	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	72-129		1		08/04/11 17:48	1868-53-7	
Toluene-d8 (S)	97	%	69-133		1		08/04/11 17:48	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/04/11 17:48	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	67-136		1		08/04/11 17:48	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **36.7** % 0.10 0.10 1 08/03/11 16:27

Sample: SUP_SL_47 10-12 **Lab ID: 258699039** Collected: 08/01/11 14:40 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	5.2J	mg/kg	5.7	0.84	2	08/03/35 00:00	08/14/11 21:31	7440-38-2	
Cadmium	ND	mg/kg	2.8	0.031	2	08/03/35 00:00	08/14/11 21:31	7440-43-9	
Lead	3.9	mg/kg	1.4	0.089	1	08/03/35 00:00	08/14/11 16:52	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_47 10-12 Lab ID: 258699039 Collected: 08/01/11 14:40 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	461	146	1	08/05/11 17:05	08/15/11 02:06	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80	%	26-135		1	08/05/11 17:05	08/15/11 02:06	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		08/04/11 18:06	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		08/04/11 18:06	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		08/04/11 18:06	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		08/04/11 18:06	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.55	1		08/04/11 18:06	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.32	1		08/04/11 18:06	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.50	1		08/04/11 18:06	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.47	1		08/04/11 18:06	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		08/04/11 18:06	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.46	1		08/04/11 18:06	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.33	1		08/04/11 18:06	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	0.70	1		08/04/11 18:06	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	0.53	1		08/04/11 18:06	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		08/04/11 18:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		08/04/11 18:06	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.1	0.30	1		08/04/11 18:06	107-06-2	
1,2-Dichloroethene (Total)	4.7J	ug/kg	8.1	0.50	1		08/04/11 18:06	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		08/04/11 18:06	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	0.43	1		08/04/11 18:06	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		08/04/11 18:06	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		08/04/11 18:06	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.32	1		08/04/11 18:06	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		08/04/11 18:06	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.5	2.0	1		08/04/11 18:06	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		08/04/11 18:06	95-49-8	
2-Hexanone	ND	ug/kg	13.5	0.49	1		08/04/11 18:06	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.36	1		08/04/11 18:06	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.5	0.41	1		08/04/11 18:06	108-10-1	
Acetone	88.0	ug/kg	13.5	1.5	1		08/04/11 18:06	67-64-1	1n
Benzene	7.9	ug/kg	4.1	0.20	1		08/04/11 18:06	71-43-2	B
Bromobenzene	ND	ug/kg	4.1	0.32	1		08/04/11 18:06	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		08/04/11 18:06	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		08/04/11 18:06	75-27-4	
Bromoform	ND	ug/kg	4.1	0.31	1		08/04/11 18:06	75-25-2	
Bromomethane	ND	ug/kg	4.1	0.43	1		08/04/11 18:06	74-83-9	
Carbon disulfide	14.1	ug/kg	4.1	0.38	1		08/04/11 18:06	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		08/04/11 18:06	56-23-5	
Chlorobenzene	3.8J	ug/kg	4.1	0.25	1		08/04/11 18:06	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.39	1		08/04/11 18:06	75-00-3	
Chloroform	ND	ug/kg	4.1	0.26	1		08/04/11 18:06	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 10-12 Lab ID: 258699039 Collected: 08/01/11 14:40 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	4.1	0.28	1		08/04/11 18:06	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		08/04/11 18:06	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.28	1		08/04/11 18:06	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.56	1		08/04/11 18:06	75-71-8	
Ethylbenzene	ND	ug/kg	4.1	0.51	1		08/04/11 18:06	100-41-4	
Hexachloro-1,3-butadiene	4.7	ug/kg	4.1	0.40	1		08/04/11 18:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	0.47	1		08/04/11 18:06	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.34	1		08/04/11 18:06	1634-04-4	
Methylene chloride	ND	ug/kg	13.5	3.6	1		08/04/11 18:06	75-09-2	
Naphthalene	ND	ug/kg	4.1	0.74	1		08/04/11 18:06	91-20-3	
Styrene	ND	ug/kg	4.1	0.39	1		08/04/11 18:06	100-42-5	
Tetrachloroethene	184	ug/kg	4.1	0.52	1		08/04/11 18:06	127-18-4	B
Toluene	5.0	ug/kg	4.1	0.42	1		08/04/11 18:06	108-88-3	
Trichloroethene	23.7	ug/kg	4.1	0.28	1		08/04/11 18:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.31	1		08/04/11 18:06	75-69-4	
Vinyl chloride	ND	ug/kg	4.1	0.38	1		08/04/11 18:06	75-01-4	
Xylene (Total)	1.1J	ug/kg	12.2	1.0	1		08/04/11 18:06	1330-20-7	
cis-1,2-Dichloroethene	4.7	ug/kg	4.1	0.28	1		08/04/11 18:06	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		08/04/11 18:06	10061-01-5	
m&p-Xylene	ND	ug/kg	8.1	1.0	1		08/04/11 18:06	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.1	0.62	1		08/04/11 18:06	104-51-8	L3
n-Propylbenzene	ND	ug/kg	4.1	0.48	1		08/04/11 18:06	103-65-1	
o-Xylene	ND	ug/kg	4.1	0.44	1		08/04/11 18:06	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.1	0.52	1		08/04/11 18:06	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.1	0.57	1		08/04/11 18:06	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.35	1		08/04/11 18:06	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.47	1		08/04/11 18:06	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	0.41	1		08/04/11 18:06	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.28	1		08/04/11 18:06	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110	%		72-129		1	08/04/11 18:06	1868-53-7	
Toluene-d8 (S)	93	%		69-133		1	08/04/11 18:06	2037-26-5	
4-Bromofluorobenzene (S)	101	%		67-142		1	08/04/11 18:06	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%		67-136		1	08/04/11 18:06	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.4	%		0.10		1	08/03/11 16:28		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 12-14 **Lab ID:** 258699040 Collected: 08/01/11 14:45 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2.3J	mg/kg	2.3	0.35	1	08/03/35 00:00	08/14/11 16:56	7440-38-2	
Cadmium	ND	mg/kg	1.2	0.013	1	08/03/35 00:00	08/14/11 16:56	7440-43-9	
Lead	3.1	mg/kg	1.2	0.073	1	08/03/35 00:00	08/14/11 16:56	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	436	138	1	08/05/11 17:05	08/15/11 02:29	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	70	%	26-135		1	08/05/11 17:05	08/15/11 02:29	118-79-6	
8260 MSV 5035A Med Level VOA									
Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B									
Tetrachloroethene	294	ug/kg	75.1	5.8	1	08/15/11 00:00	08/15/11 23:26	127-18-4	2n,CH
Surrogates									
Dibromofluoromethane (S)	100	%	75-116		1	08/15/11 00:00	08/15/11 23:26	1868-53-7	
Toluene-d8 (S)	100	%	74-124		1	08/15/11 00:00	08/15/11 23:26	2037-26-5	
4-Bromofluorobenzene (S)	97	%	73-128		1	08/15/11 00:00	08/15/11 23:26	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-125		1	08/15/11 00:00	08/15/11 23:26	17060-07-0	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		08/11/11 15:29	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		08/11/11 15:29	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		08/11/11 15:29	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.33	1		08/11/11 15:29	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		08/11/11 15:29	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.28	1		08/11/11 15:29	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		08/11/11 15:29	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.41	1		08/11/11 15:29	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.33	1		08/11/11 15:29	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		08/11/11 15:29	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		08/11/11 15:29	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.61	1		08/11/11 15:29	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.46	1		08/11/11 15:29	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.25	1		08/11/11 15:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		08/11/11 15:29	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		08/11/11 15:29	107-06-2	
1,2-Dichloroethene (Total)	5.6J	ug/kg	7.0	0.43	1		08/11/11 15:29	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/11/11 15:29	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.37	1		08/11/11 15:29	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		08/11/11 15:29	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		08/11/11 15:29	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/11/11 15:29	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		08/11/11 15:29	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.7	1.8	1		08/11/11 15:29	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.37	1		08/11/11 15:29	95-49-8	
2-Hexanone	ND	ug/kg	11.7	0.42	1		08/11/11 15:29	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		08/11/11 15:29	106-43-4	

Date: 04/19/2012 09:49 AM

REPORT OF LABORATORY ANALYSIS

Page 92 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 12-14 Lab ID: 258699040 Collected: 08/01/11 14:45 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.7	0.36	1		08/11/11 15:29	108-10-1	
Acetone	21.4	ug/kg	11.7	1.3	1		08/11/11 15:29	67-64-1	1n
Benzene	4.0	ug/kg	3.5	0.18	1		08/11/11 15:29	71-43-2	
Bromobenzene	ND	ug/kg	3.5	0.27	1		08/11/11 15:29	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		08/11/11 15:29	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		08/11/11 15:29	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		08/11/11 15:29	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		08/11/11 15:29	74-83-9	
Carbon disulfide	23.0	ug/kg	3.5	0.33	1		08/11/11 15:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		08/11/11 15:29	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		08/11/11 15:29	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.34	1		08/11/11 15:29	75-00-3	
Chloroform	ND	ug/kg	3.5	0.23	1		08/11/11 15:29	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		08/11/11 15:29	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		08/11/11 15:29	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		08/11/11 15:29	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.49	1		08/11/11 15:29	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.44	1		08/11/11 15:29	100-41-4	
Hexachloro-1,3-butadiene	8.4	ug/kg	3.5	0.35	1		08/11/11 15:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.41	1		08/11/11 15:29	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		08/11/11 15:29	1634-04-4	
Methylene chloride	ND	ug/kg	11.7	3.1	1		08/11/11 15:29	75-09-2	
Naphthalene	0.90J	ug/kg	3.5	0.64	1		08/11/11 15:29	91-20-3	B
Styrene	ND	ug/kg	3.5	0.34	1		08/11/11 15:29	100-42-5	
Toluene	0.52J	ug/kg	3.5	0.36	1		08/11/11 15:29	108-88-3	
Trichloroethene	28.2	ug/kg	3.5	0.25	1		08/11/11 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		08/11/11 15:29	75-69-4	
Vinyl chloride	3.9	ug/kg	3.5	0.33	1		08/11/11 15:29	75-01-4	
Xylene (Total)	ND	ug/kg	10.5	0.88	1		08/11/11 15:29	1330-20-7	
cis-1,2-Dichloroethene	5.3	ug/kg	3.5	0.24	1		08/11/11 15:29	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		08/11/11 15:29	10061-01-5	
m&p-Xylene	ND	ug/kg	7.0	0.88	1		08/11/11 15:29	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		08/11/11 15:29	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		08/11/11 15:29	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		08/11/11 15:29	95-47-6	
p-Isopropyltoluene	0.66J	ug/kg	3.5	0.45	1		08/11/11 15:29	99-87-6	B
sec-Butylbenzene	ND	ug/kg	3.5	0.49	1		08/11/11 15:29	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		08/11/11 15:29	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		08/11/11 15:29	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		08/11/11 15:29	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.25	1		08/11/11 15:29	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		72-129		1		08/11/11 15:29	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/11/11 15:29	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/11/11 15:29	460-00-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_47 12-14 **Lab ID: 258699040** Collected: 08/01/11 14:45 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
1,2-Dichloroethane-d4 (S)	106 %		67-136		1		08/11/11 15:29	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.6 %		0.10	0.10	1		08/03/11 16:28		

Sample: SUP_SL_47 14-16 **Lab ID: 258699041** Collected: 08/01/11 14:50 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	7.2 mg/kg		2.2	0.33	1	08/03/11 15:20	08/14/11 17:10	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	08/03/11 15:20	08/14/11 17:10	7440-43-9	
Lead	4.2 mg/kg		1.1	0.069	1	08/03/11 15:20	08/14/11 17:10	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	438	139	1	08/09/11 17:20	08/15/11 12:55	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	63 %		26-135		1	08/09/11 17:20	08/15/11 12:55	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		08/11/11 15:50	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/11/11 15:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		08/11/11 15:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		08/11/11 15:50	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		08/11/11 15:50	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/11/11 15:50	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/11/11 15:50	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		08/11/11 15:50	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.32	1		08/11/11 15:50	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		08/11/11 15:50	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		08/11/11 15:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		08/11/11 15:50	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.44	1		08/11/11 15:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/11/11 15:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/11/11 15:50	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/11/11 15:50	107-06-2	
1,2-Dichloroethene (Total)	6.3J ug/kg		6.8	0.42	1		08/11/11 15:50	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/11/11 15:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/11/11 15:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		08/11/11 15:50	541-73-1	
1,3-Dichloropropane	0.70J ug/kg		3.4	0.31	1		08/11/11 15:50	142-28-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: SUP_SL_47 14-16 Lab ID: 258699041 Collected: 08/01/11 14:50 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/11/11 15:50	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/11/11 15:50	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.3	1.7	1		08/11/11 15:50	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/11/11 15:50	95-49-8	
2-Hexanone	ND	ug/kg	11.3	0.41	1		08/11/11 15:50	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/11/11 15:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.3	0.34	1		08/11/11 15:50	108-10-1	
Acetone	17.3	ug/kg	11.3	1.2	1		08/11/11 15:50	67-64-1	1n
Benzene	1.7J	ug/kg	3.4	0.17	1		08/11/11 15:50	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.27	1		08/11/11 15:50	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/11/11 15:50	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/11/11 15:50	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/11/11 15:50	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/11/11 15:50	74-83-9	
Carbon disulfide	5.5	ug/kg	3.4	0.32	1		08/11/11 15:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		08/11/11 15:50	56-23-5	
Chlorobenzene	0.42J	ug/kg	3.4	0.21	1		08/11/11 15:50	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/11/11 15:50	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/11/11 15:50	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		08/11/11 15:50	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		08/11/11 15:50	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/11/11 15:50	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		08/11/11 15:50	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		08/11/11 15:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		08/11/11 15:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		08/11/11 15:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		08/11/11 15:50	1634-04-4	
Methylene chloride	ND	ug/kg	11.3	3.0	1		08/11/11 15:50	75-09-2	
Naphthalene	1.0J	ug/kg	3.4	0.62	1		08/11/11 15:50	91-20-3	B
Styrene	ND	ug/kg	3.4	0.33	1		08/11/11 15:50	100-42-5	
Tetrachloroethene	1.8J	ug/kg	3.4	0.43	1		08/11/11 15:50	127-18-4	
Toluene	0.59J	ug/kg	3.4	0.35	1		08/11/11 15:50	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		08/11/11 15:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/11/11 15:50	75-69-4	
Vinyl chloride	0.83J	ug/kg	3.4	0.32	1		08/11/11 15:50	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	0.85	1		08/11/11 15:50	1330-20-7	
cis-1,2-Dichloroethene	3.6	ug/kg	3.4	0.24	1		08/11/11 15:50	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/11/11 15:50	10061-01-5	
m&p-Xylene	ND	ug/kg	6.8	0.85	1		08/11/11 15:50	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		08/11/11 15:50	104-51-8	
n-Propylbenzene	0.84J	ug/kg	3.4	0.40	1		08/11/11 15:50	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/11/11 15:50	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		08/11/11 15:50	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		08/11/11 15:50	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		08/11/11 15:50	994-05-8	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258699

Sample: SUP_SL_47 14-16 **Lab ID: 258699041** Collected: 08/01/11 14:50 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/11/11 15:50	98-06-6	
trans-1,2-Dichloroethene	2.7J	ug/kg	3.4	0.34	1		08/11/11 15:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/11/11 15:50	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%	72-129		1		08/11/11 15:50	1868-53-7	
Toluene-d8 (S)	101	%	69-133		1		08/11/11 15:50	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/11/11 15:50	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	67-136		1		08/11/11 15:50	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	24.7	%	0.10	0.10	1		08/03/11 16:29		

Sample: Trip Blank **Lab ID: 258699042** Collected: 08/01/11 00:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.4	0.12	1		08/04/11 15:31	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.4	0.15	1		08/04/11 15:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.4	0.23	1		08/04/11 15:31	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.4	0.23	1		08/04/11 15:31	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.4	0.33	1		08/04/11 15:31	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.4	0.19	1		08/04/11 15:31	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.4	0.30	1		08/04/11 15:31	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.4	0.28	1		08/04/11 15:31	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.4	0.23	1		08/04/11 15:31	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.4	0.28	1		08/04/11 15:31	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.4	0.20	1		08/04/11 15:31	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.4	0.42	1		08/04/11 15:31	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	0.32	1		08/04/11 15:31	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.4	0.17	1		08/04/11 15:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.4	0.20	1		08/04/11 15:31	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.4	0.18	1		08/04/11 15:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.9	0.30	1		08/04/11 15:31	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.4	0.15	1		08/04/11 15:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.4	0.26	1		08/04/11 15:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.4	0.15	1		08/04/11 15:31	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.4	0.23	1		08/04/11 15:31	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.4	0.19	1		08/04/11 15:31	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.4	0.15	1		08/04/11 15:31	594-20-7	
2-Butanone (MEK)	ND	ug/kg	8.1	1.2	1		08/04/11 15:31	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.4	0.26	1		08/04/11 15:31	95-49-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: Trip Blank Lab ID: 258699042 Collected: 08/01/11 00:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2-Hexanone	ND	ug/kg	8.1	0.29	1		08/04/11 15:31	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.4	0.22	1		08/04/11 15:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.1	0.25	1		08/04/11 15:31	108-10-1	
Acetone	ND	ug/kg	8.1	0.89	1		08/04/11 15:31	67-64-1	
Benzene	ND	ug/kg	2.4	0.12	1		08/04/11 15:31	71-43-2	
Bromobenzene	ND	ug/kg	2.4	0.19	1		08/04/11 15:31	108-86-1	
Bromochloromethane	ND	ug/kg	2.4	0.18	1		08/04/11 15:31	74-97-5	
Bromodichloromethane	ND	ug/kg	2.4	0.095	1		08/04/11 15:31	75-27-4	
Bromoform	ND	ug/kg	2.4	0.19	1		08/04/11 15:31	75-25-2	
Bromomethane	ND	ug/kg	2.4	0.26	1		08/04/11 15:31	74-83-9	
Carbon disulfide	0.58J	ug/kg	2.4	0.23	1		08/04/11 15:31	75-15-0	B
Carbon tetrachloride	ND	ug/kg	2.4	0.15	1		08/04/11 15:31	56-23-5	
Chlorobenzene	ND	ug/kg	2.4	0.15	1		08/04/11 15:31	108-90-7	
Chloroethane	ND	ug/kg	2.4	0.23	1		08/04/11 15:31	75-00-3	
Chloroform	ND	ug/kg	2.4	0.16	1		08/04/11 15:31	67-66-3	
Chloromethane	ND	ug/kg	2.4	0.17	1		08/04/11 15:31	74-87-3	
Dibromochloromethane	ND	ug/kg	2.4	0.082	1		08/04/11 15:31	124-48-1	
Dibromomethane	ND	ug/kg	2.4	0.17	1		08/04/11 15:31	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.4	0.34	1		08/04/11 15:31	75-71-8	
Ethylbenzene	ND	ug/kg	2.4	0.31	1		08/04/11 15:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.4	0.24	1		08/04/11 15:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.4	0.28	1		08/04/11 15:31	98-82-8	L3
Methyl-tert-butyl ether	ND	ug/kg	2.4	0.20	1		08/04/11 15:31	1634-04-4	
Methylene chloride	ND	ug/kg	8.1	2.1	1		08/04/11 15:31	75-09-2	
Naphthalene	ND	ug/kg	2.4	0.44	1		08/04/11 15:31	91-20-3	
Styrene	ND	ug/kg	2.4	0.23	1		08/04/11 15:31	100-42-5	
Tetrachloroethene	0.54J	ug/kg	2.4	0.31	1		08/04/11 15:31	127-18-4	B
Toluene	0.26J	ug/kg	2.4	0.25	1		08/04/11 15:31	108-88-3	
Trichloroethene	0.24J	ug/kg	2.4	0.17	1		08/04/11 15:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.4	0.19	1		08/04/11 15:31	75-69-4	
Vinyl chloride	ND	ug/kg	2.4	0.23	1		08/04/11 15:31	75-01-4	
Xylene (Total)	ND	ug/kg	7.3	0.61	1		08/04/11 15:31	1330-20-7	
cis-1,2-Dichloroethene	0.24J	ug/kg	2.4	0.17	1		08/04/11 15:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.4	0.11	1		08/04/11 15:31	10061-01-5	
m&p-Xylene	ND	ug/kg	4.9	0.61	1		08/04/11 15:31	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.4	0.37	1		08/04/11 15:31	104-51-8	L3
n-Propylbenzene	ND	ug/kg	2.4	0.29	1		08/04/11 15:31	103-65-1	
o-Xylene	ND	ug/kg	2.4	0.26	1		08/04/11 15:31	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.4	0.31	1		08/04/11 15:31	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.4	0.34	1		08/04/11 15:31	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.4	0.21	1		08/04/11 15:31	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.4	0.28	1		08/04/11 15:31	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.4	0.24	1		08/04/11 15:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.4	0.17	1		08/04/11 15:31	10061-02-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258699

Sample: Trip Blank **Lab ID:** 258699042 Collected: 08/01/11 00:00 Received: 08/01/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
Dibromofluoromethane (S)	104 %		72-129		1		08/04/11 15:31	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/04/11 15:31	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/04/11 15:31	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/04/11 15:31	17060-07-0	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: MPRP/2381 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 258699001, 258699002, 258699003, 258699004, 258699005, 258699006, 258699007, 258699008, 258699009, 258699010, 258699011, 258699012, 258699013, 258699014, 258699015, 258699016, 258699017, 258699018, 258699019, 258699020

METHOD BLANK: 80489 Matrix: Solid
 Associated Lab Samples: 258699001, 258699002, 258699003, 258699004, 258699005, 258699006, 258699007, 258699008, 258699009, 258699010, 258699011, 258699012, 258699013, 258699014, 258699015, 258699016, 258699017, 258699018, 258699019, 258699020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/14/11 13:30	
Cadmium	mg/kg	0.021J	1.0	08/14/11 13:30	
Lead	mg/kg	0.12J	1.0	08/14/11 13:30	

LABORATORY CONTROL SAMPLE: 80490

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	25.5	102	80-120	
Cadmium	mg/kg	25	24.8	99	80-120	
Lead	mg/kg	25	25.3	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 80491 80492

Parameter	Units	258699001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	333	25.4	25.6	418	671	336	1320	75-125	46	20	M1,R1
Cadmium	mg/kg	6.3J	25.4	25.6	39.1	52.7	129	181	75-125	30	20	M1,R1
Lead	mg/kg	377	25.4	25.6	464	710	341	1300	75-125	42	20	M1,R1

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: MPRP/2382 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 258699021, 258699022, 258699023, 258699024, 258699025, 258699026, 258699027, 258699028, 258699029,
 258699030, 258699031, 258699032, 258699033, 258699034, 258699035, 258699036, 258699037, 258699038,
 258699039, 258699040

METHOD BLANK: 80493 Matrix: Solid
 Associated Lab Samples: 258699021, 258699022, 258699023, 258699024, 258699025, 258699026, 258699027, 258699028, 258699029,
 258699030, 258699031, 258699032, 258699033, 258699034, 258699035, 258699036, 258699037, 258699038,
 258699039, 258699040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	0.52J	2.0	08/14/11 15:18	
Cadmium	mg/kg	0.018J	1.0	08/14/11 15:18	
Lead	mg/kg	ND	1.0	08/14/11 15:18	

LABORATORY CONTROL SAMPLE: 80494

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.5	98	80-120	
Cadmium	mg/kg	25	23.6	94	80-120	
Lead	mg/kg	25	23.3	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 80495 80496

Parameter	Units	258699021		80496		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MS Spike Conc.	MSD Spike Conc.	MSD Result							
Arsenic	mg/kg	1010	34	34.3	847	899	-476	-319	75-125	6	20	M3
Cadmium	mg/kg	10.1	34	34.3	39.3	41.0	86	90	75-125	4	20	
Lead	mg/kg	49.1	34	34.3	74.8	71.9	75	66	75-125	4	20	M1

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: MPRP/2388 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 258699041

METHOD BLANK: 80574 Matrix: Solid

Associated Lab Samples: 258699041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/14/11 16:59	
Cadmium	mg/kg	ND	1.0	08/14/11 16:59	
Lead	mg/kg	ND	1.0	08/14/11 16:59	

LABORATORY CONTROL SAMPLE: 80575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.9	99	80-120	
Cadmium	mg/kg	25	24.4	98	80-120	
Lead	mg/kg	25	24.4	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 80576 80577

Parameter	Units	258699041 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Arsenic	mg/kg	7.2	27.5	27.2	33.7	33.8	97	98	75-125	.2	20
Cadmium	mg/kg	ND	27.5	27.2	26.2	26.9	96	99	75-125	3	20
Lead	mg/kg	4.2	27.5	27.2	27.3	28.2	84	88	75-125	3	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: MSV/5124 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035A/5030B Analysis Description: 8260 MSV 5035A Medium Soil
 Associated Lab Samples: 258699029, 258699033, 258699036, 258699037, 258699038

METHOD BLANK: 81891 Matrix: Solid
 Associated Lab Samples: 258699029, 258699033, 258699036, 258699037, 258699038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethene (Total)	ug/kg	ND	100	08/12/11 22:20	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	08/12/11 22:20	
Hexachloro-1,3-butadiene	ug/kg	ND	100	08/12/11 22:20	
Tetrachloroethene	ug/kg	ND	50.0	08/12/11 22:20	
Trichloroethene	ug/kg	ND	50.0	08/12/11 22:20	
Vinyl chloride	ug/kg	ND	50.0	08/12/11 22:20	
1,2-Dichloroethane-d4 (S)	%	101	70-125	08/12/11 22:20	
4-Bromofluorobenzene (S)	%	95	73-128	08/12/11 22:20	
Dibromofluoromethane (S)	%	96	75-116	08/12/11 22:20	
Toluene-d8 (S)	%	98	74-124	08/12/11 22:20	

LABORATORY CONTROL SAMPLE: 81892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/kg	2000	2150	107	76-129	
cis-1,2-Dichloroethene	ug/kg	1000	1130	113	75-130	
Hexachloro-1,3-butadiene	ug/kg	1000	984	98	54-148	
Tetrachloroethene	ug/kg	1000	985	99	40-129	
Trichloroethene	ug/kg	1000	970	97	73-122	
Vinyl chloride	ug/kg	1000	1280	128	46-146	
1,2-Dichloroethane-d4 (S)	%			97	70-125	
4-Bromofluorobenzene (S)	%			97	73-128	
Dibromofluoromethane (S)	%			99	75-116	
Toluene-d8 (S)	%			97	74-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81896 81897

Parameter	Units	258837001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
1,2-Dichloroethene (Total)	ug/kg	ND	107000	107000	102000	134000	96	125	77-135	27	27	
cis-1,2-Dichloroethene	ug/kg	ND	53300	53300	54100	70500	101	132	73-139	26	30	
Hexachloro-1,3-butadiene	ug/kg	ND	53300	53300	41500	56300	78	105	53-160	30	30	
Tetrachloroethene	ug/kg	ND	53300	53300	46000	60700	85	112	42-143	27	30	
Trichloroethene	ug/kg	ND	53300	53300	45300	59300	85	111	66-138	27	30	
Vinyl chloride	ug/kg	ND	53300	53300	68000	74400	128	139	40-149	9	28	
1,2-Dichloroethane-d4 (S)	%						104	102	70-125			
4-Bromofluorobenzene (S)	%						101	101	73-128			
Dibromofluoromethane (S)	%						103	103	75-116			
Toluene-d8 (S)	%						99	100	74-124			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: MSV/5130 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035A/5030B Analysis Description: 8260 MSV 5035A Medium Soil
 Associated Lab Samples: 258699019, 258699020, 258699040

METHOD BLANK: 81964 Matrix: Solid

Associated Lab Samples: 258699019, 258699020, 258699040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethene (Total)	ug/kg	ND	100	08/15/11 23:08	CH
cis-1,2-Dichloroethene	ug/kg	ND	50.0	08/15/11 23:08	CH
Hexachloro-1,3-butadiene	ug/kg	ND	100	08/15/11 23:08	
Tetrachloroethene	ug/kg	ND	50.0	08/15/11 23:08	CH
Trichloroethene	ug/kg	ND	50.0	08/15/11 23:08	CH
Vinyl chloride	ug/kg	ND	50.0	08/15/11 23:08	CH
1,2-Dichloroethane-d4 (S)	%	100	70-125	08/15/11 23:08	
4-Bromofluorobenzene (S)	%	96	73-128	08/15/11 23:08	
Dibromofluoromethane (S)	%	101	75-116	08/15/11 23:08	
Toluene-d8 (S)	%	99	74-124	08/15/11 23:08	

LABORATORY CONTROL SAMPLE: 81965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/kg	2000	2110	106	76-129	CH
cis-1,2-Dichloroethene	ug/kg	1000	1050	105	75-130	CH
Hexachloro-1,3-butadiene	ug/kg	1000	1010	101	54-148	
Tetrachloroethene	ug/kg	1000	1050	105	40-129	CH
Trichloroethene	ug/kg	1000	1040	104	73-122	CH
Vinyl chloride	ug/kg	1000	911	91	46-146	CH
1,2-Dichloroethane-d4 (S)	%			95	70-125	
4-Bromofluorobenzene (S)	%			98	73-128	
Dibromofluoromethane (S)	%			102	75-116	
Toluene-d8 (S)	%			98	74-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81966 81967

Parameter	Units	258699040		81967		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
1,2-Dichloroethene (Total)	ug/kg	ND	3000	3000	3430	3420	114	114	77-135	.3	27	CH
cis-1,2-Dichloroethene	ug/kg	5.3J	1510	1510	1710	1750	113	116	73-139	3	30	CH
Hexachloro-1,3-butadiene	ug/kg	15.7J	1510	1510	1590	1570	105	104	53-160	1	30	
Tetrachloroethene	ug/kg	294	1510	1510	1960	1910	111	107	42-143	3	30	CH
Trichloroethene	ug/kg	33.8J	1510	1510	1700	1650	111	107	66-138	3	30	CH
Vinyl chloride	ug/kg	ND	1510	1510	1510	1440	100	96	40-149	4	28	CH
1,2-Dichloroethane-d4 (S)	%						99	98	70-125			
4-Bromofluorobenzene (S)	%						95	97	73-128			
Dibromofluoromethane (S)	%						103	103	75-116			
Toluene-d8 (S)	%						98	98	74-124			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: MSV/5014

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258699001, 258699002, 258699003, 258699004, 258699005, 258699006

METHOD BLANK: 80139

Matrix: Solid

Associated Lab Samples: 258699001, 258699002, 258699003, 258699004, 258699005, 258699006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/03/11 16:11	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/03/11 16:11	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/03/11 16:11	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/03/11 16:11	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/03/11 16:11	
1,1-Dichloroethane	ug/kg	ND	3.0	08/03/11 16:11	
1,1-Dichloroethene	ug/kg	ND	3.0	08/03/11 16:11	
1,1-Dichloropropene	ug/kg	ND	3.0	08/03/11 16:11	
1,2,3-Trichlorobenzene	ug/kg	0.74J	3.0	08/03/11 16:11	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/03/11 16:11	
1,2,4-Trichlorobenzene	ug/kg	0.75J	3.0	08/03/11 16:11	
1,2,4-Trimethylbenzene	ug/kg	0.63J	3.0	08/03/11 16:11	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/03/11 16:11	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/03/11 16:11	
1,2-Dichlorobenzene	ug/kg	0.37J	3.0	08/03/11 16:11	
1,2-Dichloroethane	ug/kg	ND	3.0	08/03/11 16:11	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/03/11 16:11	
1,2-Dichloropropane	ug/kg	ND	3.0	08/03/11 16:11	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/03/11 16:11	
1,3-Dichlorobenzene	ug/kg	0.32J	3.0	08/03/11 16:11	
1,3-Dichloropropane	ug/kg	ND	3.0	08/03/11 16:11	
1,4-Dichlorobenzene	ug/kg	0.60J	3.0	08/03/11 16:11	
2,2-Dichloropropane	ug/kg	ND	3.0	08/03/11 16:11	
2-Butanone (MEK)	ug/kg	ND	10.0	08/03/11 16:11	
2-Chlorotoluene	ug/kg	ND	3.0	08/03/11 16:11	
2-Hexanone	ug/kg	ND	10.0	08/03/11 16:11	
4-Chlorotoluene	ug/kg	0.32J	3.0	08/03/11 16:11	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/03/11 16:11	
Acetone	ug/kg	3.7J	10.0	08/03/11 16:11	
Benzene	ug/kg	ND	3.0	08/03/11 16:11	
Bromobenzene	ug/kg	ND	3.0	08/03/11 16:11	
Bromochloromethane	ug/kg	ND	3.0	08/03/11 16:11	
Bromodichloromethane	ug/kg	ND	3.0	08/03/11 16:11	
Bromoform	ug/kg	ND	3.0	08/03/11 16:11	
Bromomethane	ug/kg	ND	3.0	08/03/11 16:11	
Carbon disulfide	ug/kg	ND	3.0	08/03/11 16:11	
Carbon tetrachloride	ug/kg	ND	3.0	08/03/11 16:11	
Chlorobenzene	ug/kg	0.21J	3.0	08/03/11 16:11	
Chloroethane	ug/kg	ND	3.0	08/03/11 16:11	
Chloroform	ug/kg	ND	3.0	08/03/11 16:11	
Chloromethane	ug/kg	ND	3.0	08/03/11 16:11	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/03/11 16:11	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/03/11 16:11	

Date: 04/19/2012 09:49 AM

REPORT OF LABORATORY ANALYSIS

Page 104 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

METHOD BLANK: 80139

Matrix: Solid

Associated Lab Samples: 258699001, 258699002, 258699003, 258699004, 258699005, 258699006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/03/11 16:11	
Dibromomethane	ug/kg	ND	3.0	08/03/11 16:11	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/03/11 16:11	
Ethylbenzene	ug/kg	ND	3.0	08/03/11 16:11	
Hexachloro-1,3-butadiene	ug/kg	0.41J	3.0	08/03/11 16:11	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/03/11 16:11	
m&p-Xylene	ug/kg	0.81J	6.0	08/03/11 16:11	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/03/11 16:11	
Methylene chloride	ug/kg	4.6J	10.0	08/03/11 16:11	
n-Butylbenzene	ug/kg	0.74J	3.0	08/03/11 16:11	
n-Propylbenzene	ug/kg	0.44J	3.0	08/03/11 16:11	
Naphthalene	ug/kg	ND	3.0	08/03/11 16:11	
o-Xylene	ug/kg	ND	3.0	08/03/11 16:11	
p-Isopropyltoluene	ug/kg	0.77J	3.0	08/03/11 16:11	
sec-Butylbenzene	ug/kg	ND	3.0	08/03/11 16:11	
Styrene	ug/kg	ND	3.0	08/03/11 16:11	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/03/11 16:11	
tert-Butylbenzene	ug/kg	ND	3.0	08/03/11 16:11	
Tetrachloroethene	ug/kg	ND	3.0	08/03/11 16:11	
Toluene	ug/kg	0.38J	3.0	08/03/11 16:11	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/03/11 16:11	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/03/11 16:11	
Trichloroethene	ug/kg	ND	3.0	08/03/11 16:11	
Trichlorofluoromethane	ug/kg	ND	3.0	08/03/11 16:11	
Vinyl chloride	ug/kg	ND	3.0	08/03/11 16:11	
Xylene (Total)	ug/kg	1.1J	9.0	08/03/11 16:11	
1,2-Dichloroethane-d4 (S)	%	98	67-136	08/03/11 16:11	
4-Bromofluorobenzene (S)	%	103	67-142	08/03/11 16:11	
Dibromofluoromethane (S)	%	97	72-129	08/03/11 16:11	
Toluene-d8 (S)	%	100	69-133	08/03/11 16:11	

LABORATORY CONTROL SAMPLE & LCSD: 80140

81275

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	50.7	51.8	101	104	68-127	2	15	
1,1,1-Trichloroethane	ug/kg	50	46.8	49.2	94	98	69-139	5	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	51.5	52.1	103	104	63-137	1	15	
1,1,2-Trichloroethane	ug/kg	50	50.0	51.7	100	103	65-131	3	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	47.2	51.8	94	104	64-153	9	27	
1,1-Dichloroethane	ug/kg	50	48.7	51.7	97	103	69-133	6	23	
1,1-Dichloroethene	ug/kg	50	51.3	55.5	103	111	68-157	8	28	
1,1-Dichloropropene	ug/kg	50	46.4	48.1	93	96	68-140	4	21	
1,2,3-Trichlorobenzene	ug/kg	50	46.7	49.2	93	98	69-132	5	15	
1,2,3-Trichloropropane	ug/kg	50	49.5	51.0	99	102	71-124	3	15	
1,2,4-Trichlorobenzene	ug/kg	50	46.6	48.9	93	98	68-137	5	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD: 80140		81275								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	47.1	48.1	94	96	74-124	2	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	51.4	54.5	103	109	52-133	6	22	
1,2-Dibromoethane (EDB)	ug/kg	50	51.0	53.8	102	108	66-129	5	15	
1,2-Dichlorobenzene	ug/kg	50	47.8	48.7	96	97	78-122	2	15	
1,2-Dichloroethane	ug/kg	50	50.1	53.5	100	107	67-131	6	15	
1,2-Dichloroethene (Total)	ug/kg	100	101	106	101	106	73-143	5	20	
1,2-Dichloropropane	ug/kg	50	49.9	52.4	100	105	67-133	5	15	
1,3,5-Trimethylbenzene	ug/kg	50	47.5	48.4	95	97	78-124	2	15	
1,3-Dichlorobenzene	ug/kg	50	46.6	47.4	93	95	79-122	2	15	
1,3-Dichloropropane	ug/kg	50	51.3	52.0	103	104	62-131	2	15	
1,4-Dichlorobenzene	ug/kg	50	46.2	46.8	92	94	77-119	1	15	
2,2-Dichloropropane	ug/kg	50	46.0	49.6	92	99	66-143	7	20	
2-Butanone (MEK)	ug/kg	100	121	121	121	121	44-160	.1	27	
2-Chlorotoluene	ug/kg	50	46.3	47.2	93	94	75-123	2	15	
2-Hexanone	ug/kg	100	110	116	110	116	40-160	5	21	
4-Chlorotoluene	ug/kg	50	46.9	49.0	94	98	78-127	4	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	97.0	102	97	102	46-156	5	17	
Acetone	ug/kg	100	154	164	154	164	40-160	7	30	L0
Benzene	ug/kg	50	48.2	51.5	96	103	69-133	7	15	
Bromobenzene	ug/kg	50	47.7	48.6	95	97	81-122	2	15	
Bromochloromethane	ug/kg	50	48.8	52.2	98	104	77-132	7	16	
Bromodichloromethane	ug/kg	50	48.9	51.2	98	102	75-132	5	15	
Bromoform	ug/kg	50	52.0	52.6	104	105	58-128	1	15	
Bromomethane	ug/kg	50	44.2	47.9	88	96	46-160	8	24	
Carbon disulfide	ug/kg	50	47.7	51.2	95	102	56-143	7	24	
Carbon tetrachloride	ug/kg	50	48.0	51.8	96	104	65-146	8	24	
Chlorobenzene	ug/kg	50	48.7	49.9	97	100	76-123	2	15	
Chloroethane	ug/kg	50	44.4	47.5	89	95	51-146	7	24	
Chloroform	ug/kg	50	49.0	51.9	98	104	73-132	6	17	
Chloromethane	ug/kg	50	41.5	44.8	83	90	40-142	8	23	
cis-1,2-Dichloroethene	ug/kg	50	50.6	53.0	101	106	75-142	5	20	
cis-1,3-Dichloropropene	ug/kg	50	50.7	52.8	101	106	62-150	4	15	
Dibromochloromethane	ug/kg	50	48.8	51.1	98	102	70-126	5	15	
Dibromomethane	ug/kg	50	51.1	53.0	102	106	75-132	4	15	
Dichlorodifluoromethane	ug/kg	50	34.4	35.9	69	72	40-160	4	24	
Ethylbenzene	ug/kg	50	47.7	48.4	95	97	68-126	2	15	
Hexachloro-1,3-butadiene	ug/kg	50	43.7	45.5	87	91	65-144	4	24	
Isopropylbenzene (Cumene)	ug/kg	50	48.9	49.8	98	100	73-120	2	15	
m&p-Xylene	ug/kg	100	94.8	96.3	95	96	66-128	2	15	
Methyl-tert-butyl ether	ug/kg	50	51.3	54.4	103	109	67-134	6	21	
Methylene chloride	ug/kg	50	50.1	55.2	100	110	59-149	10	20	
n-Butylbenzene	ug/kg	50	48.8	49.1	98	98	72-125	.6	17	
n-Propylbenzene	ug/kg	50	46.0	47.4	92	95	73-131	3	18	
Naphthalene	ug/kg	50	47.0	49.7	94	99	54-147	6	23	
o-Xylene	ug/kg	50	48.4	48.6	97	97	70-125	.3	16	
p-Isopropyltoluene	ug/kg	50	44.7	45.4	89	91	76-127	2	17	
sec-Butylbenzene	ug/kg	50	46.0	46.5	92	93	75-134	1	20	
Styrene	ug/kg	50	50.3	51.2	101	102	72-124	2	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD: 80140		81275									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
tert-Amylmethyl ether	ug/kg	50	51.9	53.7	104	107	59-145	3	17		
tert-Butylbenzene	ug/kg	50	46.0	47.5	92	95	74-130	3	21		
Tetrachloroethene	ug/kg	50	47.8	48.5	96	97	57-131	1	22		
Toluene	ug/kg	50	47.5	48.6	95	97	68-130	2	17		
trans-1,2-Dichloroethene	ug/kg	50	50.1	52.5	100	105	71-146	5	21		
trans-1,3-Dichloropropene	ug/kg	50	53.9	53.5	108	107	61-128	.8	15		
Trichloroethene	ug/kg	50	47.2	49.8	94	100	71-138	5	18		
Trichlorofluoromethane	ug/kg	50	42.8	46.8	86	94	50-160	9	25		
Vinyl chloride	ug/kg	50	42.6	47.6	85	95	48-141	11	29		
Xylene (Total)	ug/kg	150	143	145	96	97	68-126	1	15		
1,2-Dichloroethane-d4 (S)	%				99	103	67-136				
4-Bromofluorobenzene (S)	%				98	99	67-142				
Dibromofluoromethane (S)	%				99	102	72-129				
Toluene-d8 (S)	%				100	99	69-133				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: MSV/5043 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
 Associated Lab Samples: 258699008, 258699009, 258699010, 258699011, 258699012, 258699013, 258699014, 258699015, 258699016, 258699017, 258699018, 258699019, 258699020, 258699021, 258699022, 258699023

METHOD BLANK: 80645 Matrix: Solid
 Associated Lab Samples: 258699008, 258699009, 258699010, 258699011, 258699012, 258699013, 258699014, 258699015, 258699016, 258699017, 258699018, 258699019, 258699020, 258699021, 258699022, 258699023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/04/11 02:04	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/04/11 02:04	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/04/11 02:04	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/04/11 02:04	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/04/11 02:04	
1,1-Dichloroethane	ug/kg	ND	3.0	08/04/11 02:04	
1,1-Dichloroethene	ug/kg	ND	3.0	08/04/11 02:04	
1,1-Dichloropropene	ug/kg	ND	3.0	08/04/11 02:04	
1,2,3-Trichlorobenzene	ug/kg	0.72J	3.0	08/04/11 02:04	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/04/11 02:04	
1,2,4-Trichlorobenzene	ug/kg	0.72J	3.0	08/04/11 02:04	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/04/11 02:04	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/04/11 02:04	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/04/11 02:04	
1,2-Dichlorobenzene	ug/kg	0.34J	3.0	08/04/11 02:04	
1,2-Dichloroethane	ug/kg	ND	3.0	08/04/11 02:04	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/04/11 02:04	
1,2-Dichloropropane	ug/kg	ND	3.0	08/04/11 02:04	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/04/11 02:04	
1,3-Dichlorobenzene	ug/kg	0.35J	3.0	08/04/11 02:04	
1,3-Dichloropropane	ug/kg	ND	3.0	08/04/11 02:04	
1,4-Dichlorobenzene	ug/kg	0.46J	3.0	08/04/11 02:04	
2,2-Dichloropropane	ug/kg	ND	3.0	08/04/11 02:04	
2-Butanone (MEK)	ug/kg	ND	10.0	08/04/11 02:04	
2-Chlorotoluene	ug/kg	ND	3.0	08/04/11 02:04	
2-Hexanone	ug/kg	ND	10.0	08/04/11 02:04	
4-Chlorotoluene	ug/kg	ND	3.0	08/04/11 02:04	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/04/11 02:04	
Acetone	ug/kg	3.9J	10.0	08/04/11 02:04	
Benzene	ug/kg	0.15J	3.0	08/04/11 02:04	
Bromobenzene	ug/kg	0.26J	3.0	08/04/11 02:04	
Bromochloromethane	ug/kg	ND	3.0	08/04/11 02:04	
Bromodichloromethane	ug/kg	ND	3.0	08/04/11 02:04	
Bromoform	ug/kg	ND	3.0	08/04/11 02:04	
Bromomethane	ug/kg	ND	3.0	08/04/11 02:04	
Carbon disulfide	ug/kg	ND	3.0	08/04/11 02:04	
Carbon tetrachloride	ug/kg	ND	3.0	08/04/11 02:04	
Chlorobenzene	ug/kg	ND	3.0	08/04/11 02:04	
Chloroethane	ug/kg	ND	3.0	08/04/11 02:04	
Chloroform	ug/kg	ND	3.0	08/04/11 02:04	
Chloromethane	ug/kg	ND	3.0	08/04/11 02:04	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

METHOD BLANK: 80645

Matrix: Solid

Associated Lab Samples: 258699008, 258699009, 258699010, 258699011, 258699012, 258699013, 258699014, 258699015, 258699016, 258699017, 258699018, 258699019, 258699020, 258699021, 258699022, 258699023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/04/11 02:04	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/04/11 02:04	
Dibromochloromethane	ug/kg	ND	3.0	08/04/11 02:04	
Dibromomethane	ug/kg	ND	3.0	08/04/11 02:04	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/04/11 02:04	
Ethylbenzene	ug/kg	ND	3.0	08/04/11 02:04	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/04/11 02:04	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/04/11 02:04	
m&p-Xylene	ug/kg	ND	6.0	08/04/11 02:04	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/04/11 02:04	
Methylene chloride	ug/kg	3.7J	10.0	08/04/11 02:04	
n-Butylbenzene	ug/kg	0.47J	3.0	08/04/11 02:04	
n-Propylbenzene	ug/kg	ND	3.0	08/04/11 02:04	
Naphthalene	ug/kg	ND	3.0	08/04/11 02:04	
o-Xylene	ug/kg	ND	3.0	08/04/11 02:04	
p-Isopropyltoluene	ug/kg	0.51J	3.0	08/04/11 02:04	
sec-Butylbenzene	ug/kg	ND	3.0	08/04/11 02:04	
Styrene	ug/kg	ND	3.0	08/04/11 02:04	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/04/11 02:04	
tert-Butylbenzene	ug/kg	ND	3.0	08/04/11 02:04	
Tetrachloroethene	ug/kg	ND	3.0	08/04/11 02:04	
Toluene	ug/kg	0.41J	3.0	08/04/11 02:04	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/04/11 02:04	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/04/11 02:04	
Trichloroethene	ug/kg	ND	3.0	08/04/11 02:04	
Trichlorofluoromethane	ug/kg	ND	3.0	08/04/11 02:04	
Vinyl chloride	ug/kg	ND	3.0	08/04/11 02:04	
Xylene (Total)	ug/kg	0.82J	9.0	08/04/11 02:04	
1,2-Dichloroethane-d4 (S)	%	100	67-136	08/04/11 02:04	
4-Bromofluorobenzene (S)	%	104	67-142	08/04/11 02:04	
Dibromofluoromethane (S)	%	101	72-129	08/04/11 02:04	
Toluene-d8 (S)	%	101	69-133	08/04/11 02:04	

LABORATORY CONTROL SAMPLE & LCSD: 80646

80647

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	49.3	49.7	99	99	68-127	.9	15	
1,1,1-Trichloroethane	ug/kg	50	44.8	43.6	90	87	69-139	3	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	49.6	51.3	99	103	63-137	3	15	
1,1,2-Trichloroethane	ug/kg	50	49.1	50.3	98	101	65-131	2	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	45.5	44.1	91	88	64-153	3	27	
1,1-Dichloroethane	ug/kg	50	47.7	47.3	95	95	69-133	.7	23	
1,1-Dichloroethene	ug/kg	50	48.2	48.0	96	96	68-157	.4	28	
1,1-Dichloropropene	ug/kg	50	43.8	42.4	88	85	68-140	3	21	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD: 80646		80647								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	45.4	46.0	91	92	69-132	1	15	
1,2,3-Trichloropropane	ug/kg	50	48.5	50.0	97	100	71-124	3	15	
1,2,4-Trichlorobenzene	ug/kg	50	43.8	44.0	88	88	68-137	.5	15	
1,2,4-Trimethylbenzene	ug/kg	50	43.1	44.6	86	89	74-124	3	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	52.2	52.4	104	105	52-133	.3	22	
1,2-Dibromoethane (EDB)	ug/kg	50	51.5	51.9	103	104	66-129	.8	15	
1,2-Dichlorobenzene	ug/kg	50	44.7	45.8	89	92	78-122	2	15	
1,2-Dichloroethane	ug/kg	50	50.0	50.3	100	101	67-131	.6	15	
1,2-Dichloroethene (Total)	ug/kg	100	96.0	96.6	96	97	73-143	.7	20	
1,2-Dichloropropane	ug/kg	50	49.2	48.0	98	96	67-133	3	15	
1,3,5-Trimethylbenzene	ug/kg	50	42.7	44.3	85	89	78-124	4	15	
1,3-Dichlorobenzene	ug/kg	50	43.1	43.8	86	88	79-122	2	15	
1,3-Dichloropropane	ug/kg	50	50.8	50.8	102	102	62-131	.1	15	
1,4-Dichlorobenzene	ug/kg	50	43.0	44.0	86	88	77-119	2	15	
2,2-Dichloropropane	ug/kg	50	40.1	40.9	80	82	66-143	2	20	
2-Butanone (MEK)	ug/kg	100	97.3	94.0	97	94	44-160	3	27	
2-Chlorotoluene	ug/kg	50	42.8	44.2	86	88	75-123	3	15	
2-Hexanone	ug/kg	100	98.4	100	98	100	40-160	2	21	
4-Chlorotoluene	ug/kg	50	44.1	45.0	88	90	78-127	2	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	96.2	98.5	96	99	46-156	2	17	
Acetone	ug/kg	100	103	99.4	103	99	40-160	4	30	
Benzene	ug/kg	50	47.2	46.9	94	94	69-133	.8	15	
Bromobenzene	ug/kg	50	45.1	46.1	90	92	81-122	2	15	
Bromochloromethane	ug/kg	50	49.1	48.9	98	98	77-132	.2	16	
Bromodichloromethane	ug/kg	50	48.5	48.2	97	96	75-132	.7	15	
Bromoform	ug/kg	50	51.5	50.8	103	102	58-128	1	15	
Bromomethane	ug/kg	50	41.8	41.4	84	83	46-160	1	24	
Carbon disulfide	ug/kg	50	45.8	44.5	92	89	56-143	3	24	
Carbon tetrachloride	ug/kg	50	46.3	44.7	93	89	65-146	4	24	
Chlorobenzene	ug/kg	50	46.4	47.5	93	95	76-123	2	15	
Chloroethane	ug/kg	50	41.5	40.3	83	81	51-146	3	24	
Chloroform	ug/kg	50	47.7	47.6	95	95	73-132	.3	17	
Chloromethane	ug/kg	50	36.7	36.3	73	73	40-142	1	23	
cis-1,2-Dichloroethene	ug/kg	50	48.7	49.4	97	99	75-142	2	20	
cis-1,3-Dichloropropene	ug/kg	50	48.4	48.3	97	97	62-150	.2	15	
Dibromochloromethane	ug/kg	50	48.5	48.5	97	97	70-126	.01	15	
Dibromomethane	ug/kg	50	51.3	51.3	103	103	75-132	.05	15	
Dichlorodifluoromethane	ug/kg	50	27.2	27.8	54	56	40-160	2	24	
Ethylbenzene	ug/kg	50	44.6	44.8	89	90	68-126	.4	15	
Hexachloro-1,3-butadiene	ug/kg	50	41.4	40.8	83	82	65-144	1	24	
Isopropylbenzene (Cumene)	ug/kg	50	45.1	45.1	90	90	73-120	.02	15	
m&p-Xylene	ug/kg	100	88.9	89.9	89	90	66-128	1	15	
Methyl-tert-butyl ether	ug/kg	50	50.5	52.2	101	104	67-134	3	21	
Methylene chloride	ug/kg	50	49.6	50.4	99	101	59-149	2	20	
n-Butylbenzene	ug/kg	50	42.5	44.2	85	88	72-125	4	17	
n-Propylbenzene	ug/kg	50	41.4	42.9	83	86	73-131	4	18	
Naphthalene	ug/kg	50	46.3	48.7	93	97	54-147	5	23	
o-Xylene	ug/kg	50	45.7	45.3	91	91	70-125	.9	16	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD: 80646		80647								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/kg	50	40.3	41.0	81	82	76-127	2	17	
sec-Butylbenzene	ug/kg	50	40.9	41.5	82	83	75-134	1	20	
Styrene	ug/kg	50	46.9	48.5	94	97	72-124	3	19	
tert-Amylmethyl ether	ug/kg	50	47.2	49.5	94	99	59-145	5	17	
tert-Butylbenzene	ug/kg	50	42.5	43.3	85	87	74-130	2	21	
Tetrachloroethene	ug/kg	50	43.6	43.8	87	88	57-131	.3	22	
Toluene	ug/kg	50	45.3	45.3	91	91	68-130	.02	17	
trans-1,2-Dichloroethene	ug/kg	50	47.3	47.2	95	94	71-146	.3	21	
trans-1,3-Dichloropropene	ug/kg	50	49.1	50.8	98	102	61-128	3	15	
Trichloroethene	ug/kg	50	45.0	44.1	90	88	71-138	2	18	
Trichlorofluoromethane	ug/kg	50	39.5	38.4	79	77	50-160	3	25	
Vinyl chloride	ug/kg	50	37.9	38.3	76	77	48-141	1	29	
Xylene (Total)	ug/kg	150	135	135	90	90	68-126	.5	15	
1,2-Dichloroethane-d4 (S)	%				101	100	67-136			
4-Bromofluorobenzene (S)	%				97	100	67-142			
Dibromofluoromethane (S)	%				101	100	72-129			
Toluene-d8 (S)	%				99	101	69-133			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: MSV/5051

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258699007, 258699028, 258699029, 258699030, 258699031, 258699032, 258699033, 258699034, 258699036, 258699037, 258699038, 258699039, 258699042

METHOD BLANK: 80789

Matrix: Solid

Associated Lab Samples: 258699007, 258699028, 258699029, 258699030, 258699031, 258699032, 258699033, 258699034, 258699036, 258699037, 258699038, 258699039, 258699042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/04/11 13:47	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/04/11 13:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/04/11 13:47	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/04/11 13:47	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/04/11 13:47	
1,1-Dichloroethane	ug/kg	ND	3.0	08/04/11 13:47	
1,1-Dichloroethene	ug/kg	ND	3.0	08/04/11 13:47	
1,1-Dichloropropene	ug/kg	ND	3.0	08/04/11 13:47	
1,2,3-Trichlorobenzene	ug/kg	0.69J	3.0	08/04/11 13:47	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/04/11 13:47	
1,2,4-Trichlorobenzene	ug/kg	0.67J	3.0	08/04/11 13:47	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/04/11 13:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/04/11 13:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/04/11 13:47	
1,2-Dichlorobenzene	ug/kg	0.27J	3.0	08/04/11 13:47	
1,2-Dichloroethane	ug/kg	ND	3.0	08/04/11 13:47	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/04/11 13:47	
1,2-Dichloropropane	ug/kg	ND	3.0	08/04/11 13:47	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/04/11 13:47	
1,3-Dichlorobenzene	ug/kg	0.29J	3.0	08/04/11 13:47	
1,3-Dichloropropane	ug/kg	ND	3.0	08/04/11 13:47	
1,4-Dichlorobenzene	ug/kg	0.35J	3.0	08/04/11 13:47	
2,2-Dichloropropane	ug/kg	ND	3.0	08/04/11 13:47	
2-Butanone (MEK)	ug/kg	ND	10.0	08/04/11 13:47	
2-Chlorotoluene	ug/kg	ND	3.0	08/04/11 13:47	
2-Hexanone	ug/kg	ND	10.0	08/04/11 13:47	
4-Chlorotoluene	ug/kg	ND	3.0	08/04/11 13:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/04/11 13:47	
Acetone	ug/kg	ND	10.0	08/04/11 13:47	
Benzene	ug/kg	0.18J	3.0	08/04/11 13:47	
Bromobenzene	ug/kg	ND	3.0	08/04/11 13:47	
Bromochloromethane	ug/kg	ND	3.0	08/04/11 13:47	
Bromodichloromethane	ug/kg	ND	3.0	08/04/11 13:47	
Bromoform	ug/kg	ND	3.0	08/04/11 13:47	
Bromomethane	ug/kg	ND	3.0	08/04/11 13:47	
Carbon disulfide	ug/kg	0.61J	3.0	08/04/11 13:47	
Carbon tetrachloride	ug/kg	ND	3.0	08/04/11 13:47	
Chlorobenzene	ug/kg	ND	3.0	08/04/11 13:47	
Chloroethane	ug/kg	ND	3.0	08/04/11 13:47	
Chloroform	ug/kg	ND	3.0	08/04/11 13:47	
Chloromethane	ug/kg	ND	3.0	08/04/11 13:47	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258699

METHOD BLANK: 80789

Matrix: Solid

Associated Lab Samples: 258699007, 258699028, 258699029, 258699030, 258699031, 258699032, 258699033, 258699034, 258699036, 258699037, 258699038, 258699039, 258699042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/04/11 13:47	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/04/11 13:47	
Dibromochloromethane	ug/kg	ND	3.0	08/04/11 13:47	
Dibromomethane	ug/kg	ND	3.0	08/04/11 13:47	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/04/11 13:47	
Ethylbenzene	ug/kg	ND	3.0	08/04/11 13:47	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/04/11 13:47	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/04/11 13:47	
m&p-Xylene	ug/kg	ND	6.0	08/04/11 13:47	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/04/11 13:47	
Methylene chloride	ug/kg	ND	10.0	08/04/11 13:47	
n-Butylbenzene	ug/kg	ND	3.0	08/04/11 13:47	
n-Propylbenzene	ug/kg	ND	3.0	08/04/11 13:47	
Naphthalene	ug/kg	ND	3.0	08/04/11 13:47	
o-Xylene	ug/kg	ND	3.0	08/04/11 13:47	
p-Isopropyltoluene	ug/kg	ND	3.0	08/04/11 13:47	
sec-Butylbenzene	ug/kg	ND	3.0	08/04/11 13:47	
Styrene	ug/kg	ND	3.0	08/04/11 13:47	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/04/11 13:47	
tert-Butylbenzene	ug/kg	ND	3.0	08/04/11 13:47	
Tetrachloroethene	ug/kg	1.2J	3.0	08/04/11 13:47	
Toluene	ug/kg	ND	3.0	08/04/11 13:47	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/04/11 13:47	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/04/11 13:47	
Trichloroethene	ug/kg	ND	3.0	08/04/11 13:47	
Trichlorofluoromethane	ug/kg	ND	3.0	08/04/11 13:47	
Vinyl chloride	ug/kg	ND	3.0	08/04/11 13:47	
Xylene (Total)	ug/kg	ND	9.0	08/04/11 13:47	
1,2-Dichloroethane-d4 (S)	%	105	67-136	08/04/11 13:47	
4-Bromofluorobenzene (S)	%	100	67-142	08/04/11 13:47	
Dibromofluoromethane (S)	%	103	72-129	08/04/11 13:47	
Toluene-d8 (S)	%	99	69-133	08/04/11 13:47	

LABORATORY CONTROL SAMPLE & LCSD: 80790

80791

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	55.6	56.0	111	112	68-127	.8	15	
1,1,1-Trichloroethane	ug/kg	50	63.9	63.0	128	126	69-139	1	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	53.1	53.5	106	107	63-137	.8	15	
1,1,2-Trichloroethane	ug/kg	50	52.1	52.9	104	106	65-131	2	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	66.6	65.1	133	130	64-153	2	27	
1,1-Dichloroethane	ug/kg	50	60.7	58.2	121	116	69-133	4	23	
1,1-Dichloroethene	ug/kg	50	69.6	66.7	139	133	68-157	4	28	
1,1-Dichloropropene	ug/kg	50	65.0	62.7	130	125	68-140	4	21	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD:		80790	80791								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,2,3-Trichlorobenzene	ug/kg	50	53.9	55.1	108	110	69-132	2	15		
1,2,3-Trichloropropane	ug/kg	50	51.6	51.9	103	104	71-124	.6	15		
1,2,4-Trichlorobenzene	ug/kg	50	57.7	57.4	115	115	68-137	.5	15		
1,2,4-Trimethylbenzene	ug/kg	50	57.6	55.5	115	111	74-124	4	18		
1,2-Dibromo-3-chloropropane	ug/kg	50	56.4	55.8	113	112	52-133	1	22		
1,2-Dibromoethane (EDB)	ug/kg	50	54.5	54.9	109	110	66-129	.8	15		
1,2-Dichlorobenzene	ug/kg	50	52.9	52.0	106	104	78-122	2	15		
1,2-Dichloroethane	ug/kg	50	55.2	54.9	110	110	67-131	.6	15		
1,2-Dichloroethene (Total)	ug/kg	100	126	122	126	122	73-143	4	20		
1,2-Dichloropropane	ug/kg	50	57.6	55.6	115	111	67-133	4	15		
1,3,5-Trimethylbenzene	ug/kg	50	58.9	56.2	118	112	78-124	5	15		
1,3-Dichlorobenzene	ug/kg	50	54.5	53.4	109	107	79-122	2	15		
1,3-Dichloropropane	ug/kg	50	53.1	53.6	106	107	62-131	1	15		
1,4-Dichlorobenzene	ug/kg	50	53.4	53.2	107	106	77-119	.4	15		
2,2-Dichloropropane	ug/kg	50	69.8	65.9	140	132	66-143	6	20		
2-Butanone (MEK)	ug/kg	100	139	133	139	133	44-160	5	27		
2-Chlorotoluene	ug/kg	50	56.0	54.1	112	108	75-123	3	15		
2-Hexanone	ug/kg	100	123	130	123	130	40-160	6	21		
4-Chlorotoluene	ug/kg	50	57.7	55.8	115	112	78-127	3	15		
4-Methyl-2-pentanone (MIBK)	ug/kg	100	101	104	101	104	46-156	3	17		
Acetone	ug/kg	100	111	126	111	126	40-160	13	30		
Benzene	ug/kg	50	59.8	57.6	120	115	69-133	4	15		
Bromobenzene	ug/kg	50	53.0	52.3	106	105	81-122	1	15		
Bromochloromethane	ug/kg	50	53.9	54.6	108	109	77-132	1	16		
Bromodichloromethane	ug/kg	50	55.2	54.9	110	110	75-132	.6	15		
Bromoform	ug/kg	50	52.9	54.8	106	110	58-128	3	15		
Bromomethane	ug/kg	50	53.7	53.5	107	107	46-160	.4	24		
Carbon disulfide	ug/kg	50	67.2	63.9	134	128	56-143	5	24		
Carbon tetrachloride	ug/kg	50	65.7	64.9	131	130	65-146	1	24		
Chlorobenzene	ug/kg	50	55.5	55.4	111	111	76-123	.1	15		
Chloroethane	ug/kg	50	61.5	59.3	123	119	51-146	4	24		
Chloroform	ug/kg	50	58.7	56.8	117	114	73-132	3	17		
Chloromethane	ug/kg	50	51.7	49.9	103	100	40-142	3	23		
cis-1,2-Dichloroethene	ug/kg	50	61.0	58.6	122	117	75-142	4	20		
cis-1,3-Dichloropropene	ug/kg	50	57.7	56.5	115	113	62-150	2	15		
Dibromochloromethane	ug/kg	50	51.7	53.0	103	106	70-126	3	15		
Dibromomethane	ug/kg	50	54.1	54.8	108	110	75-132	1	15		
Dichlorodifluoromethane	ug/kg	50	52.2	50.1	104	100	40-160	4	24		
Ethylbenzene	ug/kg	50	58.2	58.1	116	116	68-126	.1	15		
Hexachloro-1,3-butadiene	ug/kg	50	56.8	55.7	114	111	65-144	2	24		
Isopropylbenzene (Cumene)	ug/kg	50	60.4	60.1	121	120	73-120	.6	15 L0		
m&p-Xylene	ug/kg	100	115	115	115	115	66-128	.3	15		
Methyl-tert-butyl ether	ug/kg	50	56.7	56.9	113	114	67-134	.3	21		
Methylene chloride	ug/kg	50	59.7	55.7	119	111	59-149	7	20		
n-Butylbenzene	ug/kg	50	63.4	62.6	127	125	72-125	1	17 L0		
n-Propylbenzene	ug/kg	50	59.9	57.6	120	115	73-131	4	18		
Naphthalene	ug/kg	50	52.0	53.6	104	107	54-147	3	23		
o-Xylene	ug/kg	50	56.2	55.0	112	110	70-125	2	16		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD: 80790		80791								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/kg	50	57.0	55.6	114	111	76-127	2	17	
sec-Butylbenzene	ug/kg	50	58.4	57.0	117	114	75-134	3	20	
Styrene	ug/kg	50	55.3	55.1	111	110	72-124	.4	19	
tert-Amylmethyl ether	ug/kg	50	56.0	55.0	112	110	59-145	2	17	
tert-Butylbenzene	ug/kg	50	58.3	56.6	117	113	74-130	3	21	
Tetrachloroethene	ug/kg	50	65.0	63.4	130	127	57-131	3	22	
Toluene	ug/kg	50	57.6	56.8	115	114	68-130	1	17	
trans-1,2-Dichloroethene	ug/kg	50	65.0	63.0	130	126	71-146	3	21	
trans-1,3-Dichloropropene	ug/kg	50	57.8	58.0	116	116	61-128	.3	15	
Trichloroethene	ug/kg	50	61.2	58.8	122	118	71-138	4	18	
Trichlorofluoromethane	ug/kg	50	58.7	57.1	117	114	50-160	3	25	
Vinyl chloride	ug/kg	50	56.3	55.7	113	111	48-141	1	29	
Xylene (Total)	ug/kg	150	171	170	114	114	68-126	.5	15	
1,2-Dichloroethane-d4 (S)	%				102	100	67-136			
4-Bromofluorobenzene (S)	%				100	99	67-142			
Dibromofluoromethane (S)	%				104	101	72-129			
Toluene-d8 (S)	%				98	100	69-133			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: MSV/5055 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
 Associated Lab Samples: 258699024, 258699025, 258699026, 258699027

METHOD BLANK: 80837 Matrix: Solid

Associated Lab Samples: 258699024, 258699025, 258699026, 258699027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1-Dichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1-Dichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
1,1-Dichloropropene	ug/kg	ND	3.0	08/07/11 13:47	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
1,2,4-Trichlorobenzene	ug/kg	0.60J	3.0	08/07/11 13:47	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/07/11 13:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/07/11 13:47	
1,2-Dichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,3-Dichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
2,2-Dichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
2-Butanone (MEK)	ug/kg	ND	10.0	08/07/11 13:47	
2-Chlorotoluene	ug/kg	ND	3.0	08/07/11 13:47	
2-Hexanone	ug/kg	ND	10.0	08/07/11 13:47	
4-Chlorotoluene	ug/kg	ND	3.0	08/07/11 13:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/07/11 13:47	
Acetone	ug/kg	5.7J	10.0	08/07/11 13:47	
Benzene	ug/kg	0.19J	3.0	08/07/11 13:47	
Bromobenzene	ug/kg	ND	3.0	08/07/11 13:47	
Bromochloromethane	ug/kg	ND	3.0	08/07/11 13:47	
Bromodichloromethane	ug/kg	ND	3.0	08/07/11 13:47	
Bromoform	ug/kg	ND	3.0	08/07/11 13:47	
Bromomethane	ug/kg	ND	3.0	08/07/11 13:47	
Carbon disulfide	ug/kg	0.76J	3.0	08/07/11 13:47	
Carbon tetrachloride	ug/kg	ND	3.0	08/07/11 13:47	
Chlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
Chloroethane	ug/kg	ND	3.0	08/07/11 13:47	
Chloroform	ug/kg	ND	3.0	08/07/11 13:47	
Chloromethane	ug/kg	ND	3.0	08/07/11 13:47	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/07/11 13:47	

Date: 04/19/2012 09:49 AM

REPORT OF LABORATORY ANALYSIS

Page 116 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258699

METHOD BLANK: 80837 Matrix: Solid

Associated Lab Samples: 258699024, 258699025, 258699026, 258699027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/07/11 13:47	
Dibromomethane	ug/kg	ND	3.0	08/07/11 13:47	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/07/11 13:47	
Ethylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/07/11 13:47	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/07/11 13:47	
m&p-Xylene	ug/kg	ND	6.0	08/07/11 13:47	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/07/11 13:47	
Methylene chloride	ug/kg	ND	10.0	08/07/11 13:47	
n-Butylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
n-Propylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Naphthalene	ug/kg	ND	3.0	08/07/11 13:47	
o-Xylene	ug/kg	ND	3.0	08/07/11 13:47	
p-Isopropyltoluene	ug/kg	ND	3.0	08/07/11 13:47	
sec-Butylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Styrene	ug/kg	ND	3.0	08/07/11 13:47	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/07/11 13:47	
tert-Butylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Tetrachloroethene	ug/kg	0.56J	3.0	08/07/11 13:47	
Toluene	ug/kg	ND	3.0	08/07/11 13:47	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/07/11 13:47	
Trichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
Trichlorofluoromethane	ug/kg	ND	3.0	08/07/11 13:47	
Vinyl chloride	ug/kg	ND	3.0	08/07/11 13:47	
Xylene (Total)	ug/kg	ND	9.0	08/07/11 13:47	
1,2-Dichloroethane-d4 (S)	%	102	67-136	08/07/11 13:47	
4-Bromofluorobenzene (S)	%	103	67-142	08/07/11 13:47	
Dibromofluoromethane (S)	%	99	72-129	08/07/11 13:47	
Toluene-d8 (S)	%	100	69-133	08/07/11 13:47	

LABORATORY CONTROL SAMPLE & LCSD: 80838 80839

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	50.4	50.7	101	101	68-127	.6	15	
1,1,1-Trichloroethane	ug/kg	50	48.2	50.0	96	100	69-139	4	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.8	49.6	98	99	63-137	2	15	
1,1,2-Trichloroethane	ug/kg	50	48.9	49.4	98	99	65-131	1	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	46.1	46.9	92	94	64-153	2	27	
1,1-Dichloroethane	ug/kg	50	50.0	51.0	100	102	69-133	2	23	
1,1-Dichloroethene	ug/kg	50	48.6	51.4	97	103	68-157	6	28	
1,1-Dichloropropene	ug/kg	50	47.0	47.1	94	94	68-140	.3	21	
1,2,3-Trichlorobenzene	ug/kg	50	48.5	50.2	97	100	69-132	3	15	
1,2,3-Trichloropropane	ug/kg	50	48.0	48.0	96	96	71-124	.06	15	
1,2,4-Trichlorobenzene	ug/kg	50	47.7	50.2	95	100	68-137	5	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD:		80838	80839							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	45.3	47.3	91	95	74-124	4	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	53.9	53.3	108	107	52-133	1	22	
1,2-Dibromoethane (EDB)	ug/kg	50	51.8	51.6	104	103	66-129	.4	15	
1,2-Dichlorobenzene	ug/kg	50	45.7	47.5	91	95	78-122	4	15	
1,2-Dichloroethane	ug/kg	50	51.9	52.3	104	105	67-131	.9	15	
1,2-Dichloroethene (Total)	ug/kg	100	97.8	102	98	102	73-143	4	20	
1,2-Dichloropropane	ug/kg	50	50.7	51.9	101	104	67-133	2	15	
1,3,5-Trimethylbenzene	ug/kg	50	44.7	47.2	89	94	78-124	5	15	
1,3-Dichlorobenzene	ug/kg	50	44.0	46.0	88	92	79-122	4	15	
1,3-Dichloropropane	ug/kg	50	50.9	50.8	102	102	62-131	.2	15	
1,4-Dichlorobenzene	ug/kg	50	43.9	46.1	88	92	77-119	5	15	
2,2-Dichloropropane	ug/kg	50	44.5	45.6	89	91	66-143	2	20	
2-Butanone (MEK)	ug/kg	100	105	107	105	107	44-160	2	27	
2-Chlorotoluene	ug/kg	50	44.0	46.2	88	92	75-123	5	15	
2-Hexanone	ug/kg	100	106	108	106	108	40-160	2	21	
4-Chlorotoluene	ug/kg	50	44.6	47.6	89	95	78-127	6	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	98.9	98.8	99	99	46-156	.1	17	
Acetone	ug/kg	100	130	132	130	132	40-160	.9	30	
Benzene	ug/kg	50	48.4	50.0	97	100	69-133	3	15	
Bromobenzene	ug/kg	50	44.4	47.0	89	94	81-122	6	15	
Bromochloromethane	ug/kg	50	49.0	49.8	98	100	77-132	2	16	
Bromodichloromethane	ug/kg	50	49.9	51.1	100	102	75-132	2	15	
Bromoform	ug/kg	50	50.9	50.8	102	102	58-128	.2	15	
Bromomethane	ug/kg	50	36.4	39.6	73	79	46-160	9	24	
Carbon disulfide	ug/kg	50	48.6	50.7	97	101	56-143	4	24	
Carbon tetrachloride	ug/kg	50	47.8	49.4	96	99	65-146	3	24	
Chlorobenzene	ug/kg	50	47.6	48.4	95	97	76-123	2	15	
Chloroethane	ug/kg	50	40.9	42.8	82	86	51-146	5	24	
Chloroform	ug/kg	50	49.7	51.3	99	103	73-132	3	17	
Chloromethane	ug/kg	50	37.8	38.4	76	77	40-142	2	23	
cis-1,2-Dichloroethene	ug/kg	50	49.5	51.6	99	103	75-142	4	20	
cis-1,3-Dichloropropene	ug/kg	50	51.0	51.9	102	104	62-150	2	15	
Dibromochloromethane	ug/kg	50	49.6	49.1	99	98	70-126	1	15	
Dibromomethane	ug/kg	50	51.6	51.2	103	102	75-132	.7	15	
Dichlorodifluoromethane	ug/kg	50	27.4	29.0	55	58	40-160	6	24	
Ethylbenzene	ug/kg	50	45.8	46.6	92	93	68-126	2	15	
Hexachloro-1,3-butadiene	ug/kg	50	43.0	44.7	86	89	65-144	4	24	
Isopropylbenzene (Cumene)	ug/kg	50	46.7	47.6	93	95	73-120	2	15	
m&p-Xylene	ug/kg	100	91.6	93.6	92	94	66-128	2	15	
Methyl-tert-butyl ether	ug/kg	50	52.0	53.2	104	106	67-134	2	21	
Methylene chloride	ug/kg	50	46.0	46.9	92	94	59-149	2	20	
n-Butylbenzene	ug/kg	50	45.7	47.9	91	96	72-125	5	17	
n-Propylbenzene	ug/kg	50	43.1	45.4	86	91	73-131	5	18	
Naphthalene	ug/kg	50	50.1	52.1	100	104	54-147	4	23	
o-Xylene	ug/kg	50	47.3	47.5	95	95	70-125	.5	16	
p-Isopropyltoluene	ug/kg	50	41.8	43.9	84	88	76-127	5	17	
sec-Butylbenzene	ug/kg	50	42.7	44.3	85	89	75-134	4	20	
Styrene	ug/kg	50	46.8	48.0	94	96	72-124	3	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD: 80838		80839								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
tert-Amylmethyl ether	ug/kg	50	54.9	55.0	110	110	59-145	.2	17	
tert-Butylbenzene	ug/kg	50	43.8	45.2	88	90	74-130	3	21	
Tetrachloroethene	ug/kg	50	45.8	46.3	92	93	57-131	1	22	
Toluene	ug/kg	50	45.9	46.8	92	94	68-130	2	17	
trans-1,2-Dichloroethene	ug/kg	50	48.3	50.0	97	100	71-146	4	21	
trans-1,3-Dichloropropene	ug/kg	50	52.4	53.2	105	106	61-128	2	15	
Trichloroethene	ug/kg	50	46.3	47.3	93	95	71-138	2	18	
Trichlorofluoromethane	ug/kg	50	40.1	41.4	80	83	50-160	3	25	
Vinyl chloride	ug/kg	50	37.7	38.9	75	78	48-141	3	29	
Xylene (Total)	ug/kg	150	139	141	93	94	68-126	2	15	
1,2-Dichloroethane-d4 (S)	%				102	102	67-136			
4-Bromofluorobenzene (S)	%				97	98	67-142			
Dibromofluoromethane (S)	%				100	101	72-129			
Toluene-d8 (S)	%				100	100	69-133			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258699

QC Batch: MSV/5108 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258699035, 258699040, 258699041

METHOD BLANK: 81603 Matrix: Solid
Associated Lab Samples: 258699035, 258699040, 258699041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1-Dichloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1-Dichloroethene	ug/kg	ND	3.0	08/11/11 12:54	
1,1-Dichloropropene	ug/kg	ND	3.0	08/11/11 12:54	
1,2,3-Trichlorobenzene	ug/kg	0.64J	3.0	08/11/11 12:54	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/11/11 12:54	
1,2,4-Trichlorobenzene	ug/kg	0.56J	3.0	08/11/11 12:54	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/11/11 12:54	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/11/11 12:54	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/11/11 12:54	
1,2-Dichloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/11/11 12:54	
1,2-Dichloropropane	ug/kg	ND	3.0	08/11/11 12:54	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/11/11 12:54	
1,3-Dichloropropane	ug/kg	ND	3.0	08/11/11 12:54	
1,4-Dichlorobenzene	ug/kg	0.31J	3.0	08/11/11 12:54	
2,2-Dichloropropane	ug/kg	ND	3.0	08/11/11 12:54	
2-Butanone (MEK)	ug/kg	ND	10.0	08/11/11 12:54	
2-Chlorotoluene	ug/kg	ND	3.0	08/11/11 12:54	
2-Hexanone	ug/kg	ND	10.0	08/11/11 12:54	
4-Chlorotoluene	ug/kg	ND	3.0	08/11/11 12:54	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/11/11 12:54	
Acetone	ug/kg	ND	10.0	08/11/11 12:54	
Benzene	ug/kg	ND	3.0	08/11/11 12:54	
Bromobenzene	ug/kg	ND	3.0	08/11/11 12:54	
Bromochloromethane	ug/kg	ND	3.0	08/11/11 12:54	
Bromodichloromethane	ug/kg	ND	3.0	08/11/11 12:54	
Bromoform	ug/kg	ND	3.0	08/11/11 12:54	
Bromomethane	ug/kg	ND	3.0	08/11/11 12:54	
Carbon disulfide	ug/kg	ND	3.0	08/11/11 12:54	
Carbon tetrachloride	ug/kg	ND	3.0	08/11/11 12:54	
Chlorobenzene	ug/kg	ND	3.0	08/11/11 12:54	
Chloroethane	ug/kg	ND	3.0	08/11/11 12:54	
Chloroform	ug/kg	ND	3.0	08/11/11 12:54	
Chloromethane	ug/kg	ND	3.0	08/11/11 12:54	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/11/11 12:54	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/11/11 12:54	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258699

METHOD BLANK: 81603 Matrix: Solid

Associated Lab Samples: 258699035, 258699040, 258699041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/11/11 12:54	
Dibromomethane	ug/kg	ND	3.0	08/11/11 12:54	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/11/11 12:54	
Ethylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/11/11 12:54	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/11/11 12:54	
m&p-Xylene	ug/kg	ND	6.0	08/11/11 12:54	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/11/11 12:54	
Methylene chloride	ug/kg	ND	10.0	08/11/11 12:54	
n-Butylbenzene	ug/kg	0.79J	3.0	08/11/11 12:54	
n-Propylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
Naphthalene	ug/kg	1.1J	3.0	08/11/11 12:54	
o-Xylene	ug/kg	ND	3.0	08/11/11 12:54	
p-Isopropyltoluene	ug/kg	0.49J	3.0	08/11/11 12:54	
sec-Butylbenzene	ug/kg	0.65J	3.0	08/11/11 12:54	
Styrene	ug/kg	ND	3.0	08/11/11 12:54	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/11/11 12:54	
tert-Butylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
Tetrachloroethene	ug/kg	ND	3.0	08/11/11 12:54	
Toluene	ug/kg	ND	3.0	08/11/11 12:54	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/11/11 12:54	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/11/11 12:54	
Trichloroethene	ug/kg	ND	3.0	08/11/11 12:54	
Trichlorofluoromethane	ug/kg	ND	3.0	08/11/11 12:54	
Vinyl chloride	ug/kg	ND	3.0	08/11/11 12:54	
Xylene (Total)	ug/kg	0.75J	9.0	08/11/11 12:54	
1,2-Dichloroethane-d4 (S)	%	99	67-136	08/11/11 12:54	
4-Bromofluorobenzene (S)	%	102	67-142	08/11/11 12:54	
Dibromofluoromethane (S)	%	101	72-129	08/11/11 12:54	
Toluene-d8 (S)	%	97	69-133	08/11/11 12:54	

LABORATORY CONTROL SAMPLE & LCSD: 81604 81605

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	55.1	52.1	110	104	68-127	6	15	
1,1,1-Trichloroethane	ug/kg	50	59.8	55.9	120	112	69-139	7	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	53.4	54.0	107	108	63-137	1	15	
1,1,2-Trichloroethane	ug/kg	50	49.4	48.1	99	96	65-131	3	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	72.0	60.3	144	121	64-153	18	27	
1,1-Dichloroethane	ug/kg	50	57.8	54.1	116	108	69-133	7	23	
1,1-Dichloroethene	ug/kg	50	76.8	67.2	154	134	68-157	13	28	
1,1-Dichloropropene	ug/kg	50	54.0	50.5	108	101	68-140	7	21	
1,2,3-Trichlorobenzene	ug/kg	50	51.3	52.4	103	105	69-132	2	15	
1,2,3-Trichloropropane	ug/kg	50	48.9	49.2	98	98	71-124	.7	15	
1,2,4-Trichlorobenzene	ug/kg	50	53.8	53.2	108	106	68-137	1	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD:		81604	81605							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	50.4	49.1	101	98	74-124	3	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	49.3	56.4	99	113	52-133	13	22	
1,2-Dibromoethane (EDB)	ug/kg	50	51.6	51.1	103	102	66-129	1	15	
1,2-Dichlorobenzene	ug/kg	50	50.0	50.0	100	100	78-122	.1	15	
1,2-Dichloroethane	ug/kg	50	52.6	53.9	105	108	67-131	2	15	
1,2-Dichloroethene (Total)	ug/kg	100	121	114	121	114	73-143	6	20	
1,2-Dichloropropane	ug/kg	50	54.1	52.8	108	106	67-133	2	15	
1,3,5-Trimethylbenzene	ug/kg	50	54.6	51.8	109	104	78-124	5	15	
1,3-Dichlorobenzene	ug/kg	50	51.9	50.2	104	100	79-122	3	15	
1,3-Dichloropropane	ug/kg	50	48.9	48.5	98	97	62-131	.7	15	
1,4-Dichlorobenzene	ug/kg	50	49.8	49.0	100	98	77-119	2	15	
2,2-Dichloropropane	ug/kg	50	60.9	57.3	122	115	66-143	6	20	
2-Butanone (MEK)	ug/kg	100	86.6	84.8	87	85	44-160	2	27	
2-Chlorotoluene	ug/kg	50	50.6	48.1	101	96	75-123	5	15	
2-Hexanone	ug/kg	100	87.7	85.9	88	86	40-160	2	21	
4-Chlorotoluene	ug/kg	50	53.0	50.1	106	100	78-127	6	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	91.5	96.4	92	96	46-156	5	17	
Acetone	ug/kg	100	99.6	72.3	100	72	40-160	32	30	D6
Benzene	ug/kg	50	52.5	49.9	105	100	69-133	5	15	
Bromobenzene	ug/kg	50	52.4	52.0	105	104	81-122	.7	15	
Bromochloromethane	ug/kg	50	57.5	54.7	115	109	77-132	5	16	
Bromodichloromethane	ug/kg	50	51.7	50.9	103	102	75-132	2	15	
Bromoform	ug/kg	50	51.7	53.8	103	108	58-128	4	15	
Bromomethane	ug/kg	50	56.6	50.9	113	102	46-160	11	24	
Carbon disulfide	ug/kg	50	61.3	55.4	123	111	56-143	10	24	
Carbon tetrachloride	ug/kg	50	62.1	57.9	124	116	65-146	7	24	
Chlorobenzene	ug/kg	50	52.6	50.2	105	100	76-123	5	15	
Chloroethane	ug/kg	50	58.8	53.5	118	107	51-146	9	24	
Chloroform	ug/kg	50	55.1	51.6	110	103	73-132	6	17	
Chloromethane	ug/kg	50	50.1	46.3	100	93	40-142	8	23	
cis-1,2-Dichloroethene	ug/kg	50	57.6	54.2	115	108	75-142	6	20	
cis-1,3-Dichloropropene	ug/kg	50	50.7	51.0	101	102	62-150	.6	15	
Dibromochloromethane	ug/kg	50	54.5	54.7	109	109	70-126	.5	15	
Dibromomethane	ug/kg	50	51.9	53.5	104	107	75-132	3	15	
Dichlorodifluoromethane	ug/kg	50	49.8	45.1	100	90	40-160	10	24	
Ethylbenzene	ug/kg	50	53.5	50.2	107	100	68-126	6	15	
Hexachloro-1,3-butadiene	ug/kg	50	56.0	52.4	112	105	65-144	7	24	
Isopropylbenzene (Cumene)	ug/kg	50	51.2	47.5	102	95	73-120	7	15	
m&p-Xylene	ug/kg	100	97.6	92.4	98	92	66-128	5	15	
Methyl-tert-butyl ether	ug/kg	50	57.3	57.1	115	114	67-134	.3	21	
Methylene chloride	ug/kg	50	64.1	60.0	128	120	59-149	7	20	
n-Butylbenzene	ug/kg	50	54.4	51.0	109	102	72-125	6	17	
n-Propylbenzene	ug/kg	50	53.9	50.3	108	101	73-131	7	18	
Naphthalene	ug/kg	50	49.3	52.1	99	104	54-147	5	23	
o-Xylene	ug/kg	50	51.5	48.9	103	98	70-125	5	16	
p-Isopropyltoluene	ug/kg	50	52.8	50.0	106	100	76-127	6	17	
sec-Butylbenzene	ug/kg	50	53.2	49.4	106	99	75-134	8	20	
Styrene	ug/kg	50	53.0	50.4	106	101	72-124	5	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

LABORATORY CONTROL SAMPLE & LCSD:		81604	81605							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
tert-Amylmethyl ether	ug/kg	50	54.2	53.4	108	107	59-145	1	17	
tert-Butylbenzene	ug/kg	50	52.1	49.8	104	100	74-130	4	21	
Tetrachloroethene	ug/kg	50	57.6	51.1	115	102	57-131	12	22	
Toluene	ug/kg	50	51.1	49.1	102	98	68-130	4	17	
trans-1,2-Dichloroethene	ug/kg	50	63.9	59.7	128	119	71-146	7	21	
trans-1,3-Dichloropropene	ug/kg	50	50.5	51.2	101	102	61-128	1	15	
Trichloroethene	ug/kg	50	55.0	51.9	110	104	71-138	6	18	
Trichlorofluoromethane	ug/kg	50	56.0	49.9	112	100	50-160	12	25	
Vinyl chloride	ug/kg	50	53.4	48.3	107	97	48-141	10	29	
Xylene (Total)	ug/kg	150	149	141	99	94	68-126	5	15	
1,2-Dichloroethane-d4 (S)	%				103	105	67-136			
4-Bromofluorobenzene (S)	%				102	102	67-142			
Dibromofluoromethane (S)	%				102	105	72-129			
Toluene-d8 (S)	%				99	98	69-133			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: OEXT/4173 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 258699001, 258699002, 258699003, 258699004, 258699005, 258699006, 258699007, 258699008, 258699009, 258699010, 258699011, 258699012, 258699013, 258699014, 258699015, 258699016, 258699017, 258699018, 258699019, 258699020

METHOD BLANK: 81006 Matrix: Solid
 Associated Lab Samples: 258699001, 258699002, 258699003, 258699004, 258699005, 258699006, 258699007, 258699008, 258699009, 258699010, 258699011, 258699012, 258699013, 258699014, 258699015, 258699016, 258699017, 258699018, 258699019, 258699020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/11/11 12:34	
2,4,6-Tribromophenol (S)	%	58	26-135	08/11/11 12:34	

LABORATORY CONTROL SAMPLE: 81007

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	1050	79	20-89	
2,4,6-Tribromophenol (S)	%			91	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81008 81009

Parameter	Units	258699016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Pentachlorophenol	ug/kg	ND	1600	1600	1350	1380	84	86	10-143	2	28	
2,4,6-Tribromophenol (S)	%						95	96	26-135			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: OEXT/4174 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 258699021, 258699022, 258699023, 258699024, 258699025, 258699026, 258699027, 258699028, 258699029, 258699030, 258699031, 258699032, 258699033, 258699034, 258699035, 258699036, 258699037, 258699038, 258699039, 258699040

METHOD BLANK: 81044 Matrix: Solid
 Associated Lab Samples: 258699021, 258699022, 258699023, 258699024, 258699025, 258699026, 258699027, 258699028, 258699029, 258699030, 258699031, 258699032, 258699033, 258699034, 258699035, 258699036, 258699037, 258699038, 258699039, 258699040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/14/11 20:04	
2,4,6-Tribromophenol (S)	%	55	26-135	08/14/11 20:04	

LABORATORY CONTROL SAMPLE: 81045

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	904	68	20-89	
2,4,6-Tribromophenol (S)	%			79	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81046 81047

Parameter	Units	258699024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1740	1720	1230	1200	70	70	10-143	2	28	
2,4,6-Tribromophenol (S)	%						83	81	26-135			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: OEXT/4183

Analysis Method: EPA 8270

QC Batch Method: EPA 3546

Analysis Description: 8270 Solid MSSV Microwave

Associated Lab Samples: 258699041

METHOD BLANK: 81301

Matrix: Solid

Associated Lab Samples: 258699041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/15/11 12:10	
2,4,6-Tribromophenol (S)	%	56	26-135	08/15/11 12:10	

LABORATORY CONTROL SAMPLE: 81302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	849	64	20-89	
2,4,6-Tribromophenol (S)	%			77	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81303

81304

Parameter	Units	258703009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1650	1650	993	978	60	59	10-143	2	28	
2,4,6-Tribromophenol (S)	%						86	82	26-135			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: PMST/1775

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 258699013, 258699014, 258699015, 258699016, 258699017, 258699018, 258699019, 258699020, 258699021, 258699022, 258699023, 258699024, 258699025, 258699026, 258699027, 258699028, 258699029, 258699030, 258699031, 258699032

SAMPLE DUPLICATE: 80437

Parameter	Units	258699013 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	31.1	32.0	3	30	

SAMPLE DUPLICATE: 80438

Parameter	Units	258699032 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.4	18.3	5	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: PMST/1776 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 258699001, 258699002, 258699003, 258699004, 258699005, 258699006, 258699007, 258699008, 258699009,
 258699010, 258699011, 258699012, 258699033, 258699034, 258699035, 258699036

SAMPLE DUPLICATE: 80650

Parameter	Units	258713003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.4	5.0	12	30	

SAMPLE DUPLICATE: 80651

Parameter	Units	258699008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.1	19.7	2	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258699

QC Batch: PMST/1777

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 258699037, 258699038, 258699039, 258699040, 258699041

SAMPLE DUPLICATE: 80652

Parameter	Units	258699041 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.7	24.8	.1	30	

SAMPLE DUPLICATE: 80653

Parameter	Units	258682011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.2	11.0	2	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 258699

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/5014

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5043

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5051

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5055

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5108

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1n Acetone is a potential false positive result due to VOA vial contamination. This contamination was traced to the supplier of these VOA vials.

2n Result confirmed by second analysis performed out of hold.

3n This sample was originally analyzed within the EPA recommended holding time. However, some compounds contained in this sample exceeded the instrument's calibration curve. This sample was re-analyzed at a dilution for these compounds. This re-analysis was conducted outside of the EPA recommended holding time.

B Analyte was detected in the associated method blank.

CH The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

QUALIFIERS

Project: Superlon

Pace Project No.: 258699

ANALYTE QUALIFIERS

- E Analyte concentration exceeded the calibration range. The reported result is estimated.
- L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.
- R1 RPD value was outside control limits.
- S2 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
- S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 258699

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258699001	SUP_SL_43 1-2	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699002	SUP_SL_43 2-4	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699003	SUP_SL_43 4-6	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699004	SUP_SL_43 6-8	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699005	SUP_SL_43 8-10	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699006	SUP_SL_43 10-12	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699007	SUP_SL_43 12-14	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699008	SUP_SL_43 14-16	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699009	SUP_SL_44 1-2	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699010	SUP_SL_44 2-4	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699011	SUP_SL_44 4-6	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699012	SUP_SL_44 6-8	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699013	SUP_SL_44 8-10	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699014	SUP_SL_44 10-12	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699015	SUP_SL_44 12-14	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699016	SUP_SL_44 14-16	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699017	SUP_SL_45 1-2	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699018	SUP_SL_45 2-4	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699019	SUP_SL_45 4-6	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699020	SUP_SL_45 6-8	EPA 3050	MPRP/2381	EPA 6010	ICP/2282
258699021	SUP_SL_45 8-10	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699022	SUP_SL_45 10-12	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699023	SUP_SL_45 12-14	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699024	SUP_SL_45 14-16	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699025	SUP_SL_46 1-2	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699026	SUP_SL_46 2-4	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699027	SUP_SL_46 4-6	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699028	SUP_SL_46 6-8	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699029	SUP_SL_46 8-10	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699030	SUP_SL_46 10-12	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699031	SUP_SL_46 12-14	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699032	SUP_SL_46 14-16	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699033	SUP_SL_46_DUP	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699034	SUP_SL_47 1-2	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699035	SUP_SL_47 2-4	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699036	SUP_SL_47 4-6	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699037	SUP_SL_47 6-8	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699038	SUP_SL_47 8-10	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699039	SUP_SL_47 10-12	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699040	SUP_SL_47 12-14	EPA 3050	MPRP/2382	EPA 6010	ICP/2283
258699041	SUP_SL_47 14-16	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258699001	SUP_SL_43 1-2	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699002	SUP_SL_43 2-4	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699003	SUP_SL_43 4-6	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699004	SUP_SL_43 6-8	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699005	SUP_SL_43 8-10	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699006	SUP_SL_43 10-12	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258699

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258699007	SUP_SL_43 12-14	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699008	SUP_SL_43 14-16	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699009	SUP_SL_44 1-2	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699010	SUP_SL_44 2-4	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699011	SUP_SL_44 4-6	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699012	SUP_SL_44 6-8	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699013	SUP_SL_44 8-10	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699014	SUP_SL_44 10-12	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699015	SUP_SL_44 12-14	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699016	SUP_SL_44 14-16	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699017	SUP_SL_45 1-2	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699018	SUP_SL_45 2-4	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699019	SUP_SL_45 4-6	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699020	SUP_SL_45 6-8	EPA 3546	OEXT/4173	EPA 8270	MSSV/1729
258699021	SUP_SL_45 8-10	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699022	SUP_SL_45 10-12	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699023	SUP_SL_45 12-14	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699024	SUP_SL_45 14-16	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699025	SUP_SL_46 1-2	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699026	SUP_SL_46 2-4	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699027	SUP_SL_46 4-6	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699028	SUP_SL_46 6-8	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699029	SUP_SL_46 8-10	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699030	SUP_SL_46 10-12	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699031	SUP_SL_46 12-14	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699032	SUP_SL_46 14-16	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699033	SUP_SL_46_DUP	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699034	SUP_SL_47 1-2	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699035	SUP_SL_47 2-4	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699036	SUP_SL_47 4-6	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699037	SUP_SL_47 6-8	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699038	SUP_SL_47 8-10	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699039	SUP_SL_47 10-12	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699040	SUP_SL_47 12-14	EPA 3546	OEXT/4174	EPA 8270	MSSV/1730
258699041	SUP_SL_47 14-16	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258699019	SUP_SL_45 4-6	EPA 5035A/5030B	MSV/5130	EPA 8260	MSV/5139
258699020	SUP_SL_45 6-8	EPA 5035A/5030B	MSV/5130	EPA 8260	MSV/5139
258699029	SUP_SL_46 8-10	EPA 5035A/5030B	MSV/5124	EPA 8260	MSV/5125
258699033	SUP_SL_46_DUP	EPA 5035A/5030B	MSV/5124	EPA 8260	MSV/5125
258699036	SUP_SL_47 4-6	EPA 5035A/5030B	MSV/5124	EPA 8260	MSV/5125
258699037	SUP_SL_47 6-8	EPA 5035A/5030B	MSV/5124	EPA 8260	MSV/5125
258699038	SUP_SL_47 8-10	EPA 5035A/5030B	MSV/5124	EPA 8260	MSV/5125
258699040	SUP_SL_47 12-14	EPA 5035A/5030B	MSV/5130	EPA 8260	MSV/5139
258699001	SUP_SL_43 1-2	EPA 8260	MSV/5014		
258699002	SUP_SL_43 2-4	EPA 8260	MSV/5014		
258699003	SUP_SL_43 4-6	EPA 8260	MSV/5014		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258699

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258699004	SUP_SL_43 6-8	EPA 8260	MSV/5014		
258699005	SUP_SL_43 8-10	EPA 8260	MSV/5014		
258699006	SUP_SL_43 10-12	EPA 8260	MSV/5014		
258699007	SUP_SL_43 12-14	EPA 8260	MSV/5051		
258699008	SUP_SL_43 14-16	EPA 8260	MSV/5043		
258699009	SUP_SL_44 1-2	EPA 8260	MSV/5043		
258699010	SUP_SL_44 2-4	EPA 8260	MSV/5043		
258699011	SUP_SL_44 4-6	EPA 8260	MSV/5043		
258699012	SUP_SL_44 6-8	EPA 8260	MSV/5043		
258699013	SUP_SL_44 8-10	EPA 8260	MSV/5043		
258699014	SUP_SL_44 10-12	EPA 8260	MSV/5043		
258699015	SUP_SL_44 12-14	EPA 8260	MSV/5043		
258699016	SUP_SL_44 14-16	EPA 8260	MSV/5043		
258699017	SUP_SL_45 1-2	EPA 8260	MSV/5043		
258699018	SUP_SL_45 2-4	EPA 8260	MSV/5043		
258699019	SUP_SL_45 4-6	EPA 8260	MSV/5043		
258699020	SUP_SL_45 6-8	EPA 8260	MSV/5043		
258699021	SUP_SL_45 8-10	EPA 8260	MSV/5043		
258699022	SUP_SL_45 10-12	EPA 8260	MSV/5043		
258699023	SUP_SL_45 12-14	EPA 8260	MSV/5043		
258699024	SUP_SL_45 14-16	EPA 8260	MSV/5055		
258699025	SUP_SL_46 1-2	EPA 8260	MSV/5055		
258699026	SUP_SL_46 2-4	EPA 8260	MSV/5055		
258699027	SUP_SL_46 4-6	EPA 8260	MSV/5055		
258699028	SUP_SL_46 6-8	EPA 8260	MSV/5051		
258699029	SUP_SL_46 8-10	EPA 8260	MSV/5051		
258699030	SUP_SL_46 10-12	EPA 8260	MSV/5051		
258699031	SUP_SL_46 12-14	EPA 8260	MSV/5051		
258699032	SUP_SL_46 14-16	EPA 8260	MSV/5051		
258699033	SUP_SL_46 DUP	EPA 8260	MSV/5051		
258699034	SUP_SL_47 1-2	EPA 8260	MSV/5051		
258699035	SUP_SL_47 2-4	EPA 8260	MSV/5108		
258699036	SUP_SL_47 4-6	EPA 8260	MSV/5051		
258699037	SUP_SL_47 6-8	EPA 8260	MSV/5051		
258699038	SUP_SL_47 8-10	EPA 8260	MSV/5051		
258699039	SUP_SL_47 10-12	EPA 8260	MSV/5051		
258699040	SUP_SL_47 12-14	EPA 8260	MSV/5108		
258699041	SUP_SL_47 14-16	EPA 8260	MSV/5108		
258699042	Trip Blank	EPA 8260	MSV/5051		
258699001	SUP_SL_43 1-2	ASTM D2974-87	PMST/1776		
258699002	SUP_SL_43 2-4	ASTM D2974-87	PMST/1776		
258699003	SUP_SL_43 4-6	ASTM D2974-87	PMST/1776		
258699004	SUP_SL_43 6-8	ASTM D2974-87	PMST/1776		
258699005	SUP_SL_43 8-10	ASTM D2974-87	PMST/1776		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258699

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258699006	SUP_SL_43 10-12	ASTM D2974-87	PMST/1776		
258699007	SUP_SL_43 12-14	ASTM D2974-87	PMST/1776		
258699008	SUP_SL_43 14-16	ASTM D2974-87	PMST/1776		
258699009	SUP_SL_44 1-2	ASTM D2974-87	PMST/1776		
258699010	SUP_SL_44 2-4	ASTM D2974-87	PMST/1776		
258699011	SUP_SL_44 4-6	ASTM D2974-87	PMST/1776		
258699012	SUP_SL_44 6-8	ASTM D2974-87	PMST/1776		
258699013	SUP_SL_44 8-10	ASTM D2974-87	PMST/1775		
258699014	SUP_SL_44 10-12	ASTM D2974-87	PMST/1775		
258699015	SUP_SL_44 12-14	ASTM D2974-87	PMST/1775		
258699016	SUP_SL_44 14-16	ASTM D2974-87	PMST/1775		
258699017	SUP_SL_45 1-2	ASTM D2974-87	PMST/1775		
258699018	SUP_SL_45 2-4	ASTM D2974-87	PMST/1775		
258699019	SUP_SL_45 4-6	ASTM D2974-87	PMST/1775		
258699020	SUP_SL_45 6-8	ASTM D2974-87	PMST/1775		
258699021	SUP_SL_45 8-10	ASTM D2974-87	PMST/1775		
258699022	SUP_SL_45 10-12	ASTM D2974-87	PMST/1775		
258699023	SUP_SL_45 12-14	ASTM D2974-87	PMST/1775		
258699024	SUP_SL_45 14-16	ASTM D2974-87	PMST/1775		
258699025	SUP_SL_46 1-2	ASTM D2974-87	PMST/1775		
258699026	SUP_SL_46 2-4	ASTM D2974-87	PMST/1775		
258699027	SUP_SL_46 4-6	ASTM D2974-87	PMST/1775		
258699028	SUP_SL_46 6-8	ASTM D2974-87	PMST/1775		
258699029	SUP_SL_46 8-10	ASTM D2974-87	PMST/1775		
258699030	SUP_SL_46 10-12	ASTM D2974-87	PMST/1775		
258699031	SUP_SL_46 12-14	ASTM D2974-87	PMST/1775		
258699032	SUP_SL_46 14-16	ASTM D2974-87	PMST/1775		
258699033	SUP_SL_46 DUP	ASTM D2974-87	PMST/1776		
258699034	SUP_SL_47 1-2	ASTM D2974-87	PMST/1776		
258699035	SUP_SL_47 2-4	ASTM D2974-87	PMST/1776		
258699036	SUP_SL_47 4-6	ASTM D2974-87	PMST/1776		
258699037	SUP_SL_47 6-8	ASTM D2974-87	PMST/1777		
258699038	SUP_SL_47 8-10	ASTM D2974-87	PMST/1777		
258699039	SUP_SL_47 10-12	ASTM D2974-87	PMST/1777		
258699040	SUP_SL_47 12-14	ASTM D2974-87	PMST/1777		
258699041	SUP_SL_47 14-16	ASTM D2974-87	PMST/1777		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258703
Sample Date(s): August 2, 2011

This review summarizes the data quality of analytical results generated in support of the August 2, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258703.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258703



Delivery Group Summary

Thirty-one soil samples, one soil field duplicate, and two soil trip blanks were collected by Pacific Environmental Redevelopment Corporation on August 2, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for metals (arsenic, lead, cadmium), metals (mercury), gasoline range organics, diesel range organics, semivolatle organic compounds (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 7471, NWTPH-Gx, NWTPH-Dx, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Metal results by method 6010 have 35.6% of the results qualified.
- Mercury results by method 7471 are of acceptable quality. None of the results were qualified.
- Pentachlorophenol results by method 8270 have 6.7% of the results qualified.
- VOC results by method by method 8260 have 11.7% of the results qualified.
- Diesel range organic results by method NWTPH-Dx are of acceptable quality. None of the results were qualified.
- Gasoline range organic results by method NWTPH-Gx have 100% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 31 Samples (1 Duplicate)	Groundwater= 0 Samples	Trip Blank (Soil)= 2 Samples	Trip Blank (Groundwater)= 0 Sample
6010 Metals (As, Pb, Cd) 7471 Mercury NWTPH-Dx NWTPH-Gx 8270 Pentachlorophenol Only 8260 VOCs		8260 VOCs	

Representativeness

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.

Action: No action was taken based on the evaluation of holding times.



Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes/Methods Associated with Surrogate	Comment
SUP_SL_48 4-6	258703012	2,4,6-Tribromophenol	0.5	26-135	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Qualified based on criteria 4c.
		Dibromofluoromethane	26	72-129	Low	Volatile Surrogate	8260 VOCs	Qualified based on criteria 2b and 2c. (Results for hexachloro-1,3-butadiene, Trichloroethene, tetrachloroethene and cis-1,2-dichloroethene were not qualified by this QC data.)
SUP_SL_48 6-8	258703013	2,4,6-Tribromophenol	3	26-135	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Qualified based on criteria 4c.
		Dibromofluoromethane	28	72-129	Low	Volatile Surrogate	8260 VOCs	Qualified based on criteria 2b and 2c. (Results for tetrachloroethene and Trichloroethene were not qualified by this QC data.)



Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via two coolers with the trip blanks.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
258703031	Trip Blank	SUP_SL_17 3-4	258703001	Acetone	7.1 J	ug/kg
		SUP_SL_17 10-12	258703002	Carbon disulfide	0.53 J	ug/kg
		SUP_SL_17 12-14	258703003	Methylene chloride	3.4 J	ug/kg
		SUP_SL_17 14-16	258703004	Tetrachloroethene	0.81 J	ug/kg
		SUP_SL_24 3-4	258703005	Toluene	0.44 J	ug/kg
		SUP_SL_24 4-5	258703006			
		SUP_SL_26 10-12	258703007			
		SUP_SL_26 12-14	258703008			
		SUP_SL_26 14-16	258703009			
		SUP_SL_50 8-10	258703026			
		SUP_SL_50 12-14	258703028			
		SUP_SL_50 14-16	258703029			
		SUP_SL_50 DUP	258703030			
258703032	Trip Blank	SUP_SL_45 1-2	258703010	Acetone	7.1 J	ug/kg
		SUP_SL_48 2-4	258703011	Carbon disulfide	0.57 J	ug/kg
		SUP_SL_48 4-6	258703012	Methylene chloride	3.0 J	ug/kg
		SUP_SL_48 6-8	258703013	Tetrachloroethene	0.84 J	ug/kg
		SUP_SL_48 8-10	258703014	Toluene	0.37 J	ug/kg
		SUP_SL_48 10-12	258703015			
		SUP_SL_48 12-14	258703016			
		SUP_SL_48 14-16	258703017			
		SUP_SL_49 1-2	258703018			
		SUP_SL_49 2-4	258703019			
		SUP_SL_49 4-6	258703020			
		SUP_SL_49 6-8	258703021			
		SUP_SL_49 12-14	258703022			
		SUP_SL_49 14-16	258703023			
		SUP_SL_50 1-2	258703024			
		SUP_SL_50 2-4	258703025			
		SUP_SL_50 10-12	258703027			
80917	Method Blank	SUP_SL_26 10-12	258703007	Gasoline Range Organics	0.78 J	mg/kg
		SUP_SL_26 12-14	258703008			
		SUP_SL_26 14-16	258703009			
80570	Method Blank	SUP_SL_17 3-4	258703001	Lead	0.084 J	mg/kg
		SUP_SL_17 10-12	258703002			
		SUP_SL_17 12-14	258703003			
		SUP_SL_17 14-16	258703004			
		SUP_SL_24 3-4	258703005			
		SUP_SL_24 4-5	258703006			
		SUP_SL_26 10-12	258703007			
		SUP_SL_26 12-14	258703008			
		SUP_SL_26 14-16	258703009			
		SUP_SL_45 1-2	258703010			



		SUP_SL_48 2-4 SUP_SL_48 4-6 SUP_SL_48 6-8 SUP_SL_48 8-10 SUP_SL_48 10-12 SUP_SL_48 12-14 SUP_SL_48 14-16 SUP_SL_49 1-2 SUP_SL_49 2-4 SUP_SL_49 4-6	258703011 258703012 258703013 258703014 258703015 258703016 258703017 258703018 258703019 258703020			
80837	Method Blank	SUP_SL_17 14-16 SUP_SL_24 3-4 SUP_SL_24 4-5 SUP_SL_26 10-12 SUP_SL_26 12-14 SUP_SL_48 1-2 SUP_SL_48 2-4 SUP_SL_48 8-10 SUP_SL_48 10-12 SUP_SL_48 14-16 SUP_SL_49 1-2 SUP_SL_49 2-4 SUP_SL_49 12-14 SUP_SL_50 2-4	258703004 258703005 258703006 258703007 258703008 258703010 258703011 258703014 258703015 258703017 258703018 258703019 258703022 258703025	1,2,4-Trichlorobenzene Acetone Benzene Carbon disulfide Tetrachloroethene	0.60 J 5.7 J 0.19 J 0.76 J 0.56 J	ug/kg ug/kg ug/kg ug/kg ug/kg
80846	Method Blank	SUP_SL_48 6-8 SUP_SL_48 12-14 SUP_SL_49 4-6 SUP_SL_49 14-16 SUP_SL_50 1-2	258703013 258703016 258703020 258703023 258703024	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Acetone Benzene Bromobenzene Carbon disulfide Chlorobenzene Tetrachloroethene Trichloroethene	0.81 J 0.72 J 0.36 J 0.35 J 0.41 J 3.5 J 0.22 J 0.30 J 0.85 J 0.24 1.8 J 0.39 J	ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg
81064	Method Blank	SUP_SL_48 4-6 SUP_SL_50 12-14 SUP_SL_50 14-16 SUP_SL_50_DUP	258703012 258703028 258703029 258703030	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Acetone Benzene Carbon disulfide Methylene chloride Tetrachloroethene Trichloroethene	0.52 J 0.47 J 0.29 J 0.29 J 0.38 J 5.7 J 0.19 J 1.5 J 4.4 J 1.8 J 0.34 J	ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg
81603	Method Blank	SUP_SL_17 3-4 SUP_SL_17 10-12 SUP_SL_17 12-14 SUP_SL_26 14-16 SUP_SL_49 6-8	258703001 258703002 258703003 258703009 258703021	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene Naphthalene	0.64 J 0.56 J 0.31 J 0.79 J 1.1 J	ug/kg ug/kg ug/kg ug/kg ug/kg



		SUP_SL_50 8-10	258703026	p-Isopropyltoluene	0.49 J	ug/kg
		SUP_SL_50 10-12	258703027	sec-Butylbenzene	0.65 J	ug/kg
				Xylene (Total)	0.75 J	ug/kg

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	1,2,3-Trichlorobenzene		
SUP_SL_48 4-6	258703012	81064	Method Blank. Qualified based on criteria 6.
Analyte:	1,2,4-Trichlorobenzene		
SUP_SL_17 14-16	258703004	80837	Method Blank. Qualified based on criteria 4.
SUP_SL_48 4-6	258703012	81064	Method Blank. Qualified based on criteria 6.
Analyte:	1,2-Dichlorobenzene		
SUP_SL_48 4-6	258703012	81064	Method Blank. Qualified based on criteria 6.
SUP_SL_48 6-8	258703013	80846	Method Blank. Qualified based on criteria 4.
SUP_SL_49 4-6	258703020		
Analyte:	1,3-Dichlorobenzene		
SUP_SL_48 4-6	258703012	81064	Method Blank. Qualified based on criteria 6.
SUP_SL_48 6-8	258703013	80846	Method Blank. Qualified based on criteria 4.
Analyte:	1,4-Dichlorobenzene		
SUP_SL_48 4-6	258703012	81064	Method Blank. Qualified based on criteria 6.
SUP_SL_48 6-8	258703013	80846	Method Blank. Qualified based on criteria 4.
Analyte:	Acetone		
SUP_SL_17 3-4	258703001	258703031	Trip Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives due to vial contamination from the manufacturer.
SUP_SL_17 10-12	258703002		
SUP_SL_17 12-14	258703003		
SUP_SL_17 14-16	258703004		
SUP_SL_24 3-4	258703005		
SUP_SL_24 4-5	258703006		
SUP_SL_26 10-12	258703007		
SUP_SL_26 12-14	258703008		
SUP_SL_26 14-16	258703009		



SUP_SL_50 8-10	258703026		
SUP_SL_50 12-14	258703028		
SUP_SL_50 14-16	258703029		
SUP_SL_50_DUP	258703030		
SUP_SL_45 1-2	258703010	258703032	Trip Blank. Qualified based on criteria 4 and 6. Samples listed (except for 258703024) are potential false positives due to vial contamination from the manufacturer.
SUP_SL_48 2-4	258703011		
SUP_SL_48 4-6	258703012		
SUP_SL_48 6-8	258703013		
SUP_SL_48 8-10	258703014		
SUP_SL_48 10-12	258703015		
SUP_SL_48 12-14	258703016		
SUP_SL_48 14-16	258703017		
SUP_SL_49 1-2	258703018		
SUP_SL_49 2-4	258703019		
SUP_SL_49 4-6	258703020		
SUP_SL_49 6-8	258703021		
SUP_SL_49 12-14	258703022		
SUP_SL_49 14-16	258703023		
SUP_SL_50 1-2	258703024		
SUP_SL_50 2-4	258703025		
SUP_SL_50 10-12	258703027		
Analyte:	Benzene		
SUP_SL_17 14-16	258703004	80837	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_24 3-4	258703005		
SUP_SL_24 4-5	258703006		
SUP_SL_26 12-14	258703008		
SUP_SL_48 2-4	258703011		
SUP_SL_48 8-10	258703014		
SUP_SL_48 10-12	258703015		
SUP_SL_48 14-16	258703017		
SUP_SL_49 1-2	258703018		
SUP_SL_49 2-4	258703019		
SUP_SL_50 2-4	258703025		
SUP_SL_48 4-6	258703012	81064	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_50 14-16	258703029		
SUP_SL_50_DUP	258703030		
SUP_SL_48 6-8	258703013	80846	Method Blank. Qualified based on criteria 6.
SUP_SL_48 12-14	258703016		
SUP_SL_49 4-6	258703020		
Analyte:	Carbon disulfide		
SUP_SL_17 3-4	258703001	258703031	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_17 10-12	258703002		
SUP_SL_17 12-14	258703003		
SUP_SL_26 14-16	258703009		
SUP_SL_50 8-10	258703026		
SUP_SL_49 6-8	258703021	258703032	Trip Blank. Qualified based on criteria 6.
SUP_SL_50 10-12	258703027		



SUP_SL_17 14-16	258703004	80837	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_24 3-4	258703005		
SUP_SL_24 4-5	258703006		
SUP_SL_26 10-12	258703007		
SUP_SL_26 12-14	258703008		
SUP_SL_45 1-2	258703010		
SUP_SL_48 2-4	258703011		
SUP_SL_48 8-10	258703014		
SUP_SL_48 10-12	258703015		
SUP_SL_48 14-16	258703017		
SUP_SL_49 1-2	258703018		
SUP_SL_49 2-4	258703019		
SUP_SL_49 12-14	258703022		
SUP_SL_50 2-4	258703025		
SUP_SL_48 4-6	258703012	81064	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_50 12-14	258703028		
SUP_SL_50 14-16	258703029		
SUP_SL_50_DUP	258703030		
SUP_SL_48 6-8	258703013	80846	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_48 12-14	258703016		
SUP_SL_49 4-6	258703020		
SUP_SL_49 14-16	258703023		
SUP_SL_50 1-2	258703024		
Analyte:	Gasoline Range Organics		
SUP_SL_26 10-12	258703007	80917	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_26 12-14	258703008		
SUP_SL_26 14-16	258703009		
Analyte:	Lead		
SUP_SL_17 3-4	258703001	80570	Method Blank. Qualified based on criteria 6.
SUP_SL_17 10-12	258703002		
SUP_SL_17 12-14	258703003		
SUP_SL_17 14-16	258703004		
SUP_SL_24 3-4	258703005		
SUP_SL_24 4-5	258703006		
SUP_SL_26 10-12	258703007		
SUP_SL_26 12-14	258703008		
SUP_SL_26 14-16	258703009		
SUP_SL_45 1-2	258703010		
SUP_SL_48 2-4	258703011		
SUP_SL_48 4-6	258703012		
SUP_SL_48 6-8	258703013		
SUP_SL_48 8-10	258703014		
SUP_SL_48 10-12	258703015		
SUP_SL_48 12-14	258703016		
SUP_SL_48 14-16	258703017		
SUP_SL_49 1-2	258703018		
SUP_SL_49 2-4	258703019		
SUP_SL_49 4-6	258703020		



Analyte:	Naphthalene		
SUP_SL_17 3-4	258703001	81603	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_17 10-12	258703002		
SUP_SL_17 12-14	258703003		
SUP_SL_26 14-16	258703009		
SUP_SL_49 6-8	258703021		
SUP_SL_50 8-10	258703026		
SUP_SL_50 10-12	258703027		
Analyte:	p-Isopropyltoluene		
SUP_SL_17 3-4	258703001	81603	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_17 12-14	258703003		
SUP_SL_26 14-16	258703009		
SUP_SL_49 6-8	258703021		
SUP_SL_50 8-10	258703026		
SUP_SL_50 10-12	258703027		
Analyte:	sec-Butylbenzene		
SUP_SL_17 3-4	258703001	81603	Method Blank. Qualified based on criteria 4.
Analyte:	Tetrachloroethene		
SUP_SL_17 14-16	258703004	258703031	Trip Blank. Qualified based on criteria 4.
SUP_SL_26 12-14	258703008		
SUP_SL_45 1-2	258703010	258703032	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_48 8-10	258703014		
SUP_SL_48 10-12	258703015		
SUP_SL_48 14-16	258703017		
SUP_SL_49 2-4	258703019		
SUP_SL_50 12-14	258703028	81064	Method Blank. Qualified based on criteria 4.
SUP_SL_50 14-16	258703029		
SUP_SL_50 DUP	258703030		
SUP_SL_49 14-16	258703023	80846	Method Blank. Qualified based on criteria 4.
SUP_SL_50 1-2	258703024		
Analyte:	Toluene		
SUP_SL_17 3-4	258703001	258703031	Trip Blank. Qualified based on criteria 4.
SUP_SL_50 8-10	258703026		
SUP_SL_48 4-6	258703012	258703032	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_48 6-8	258703013		
SUP_SL_48 12-14	258703016		
SUP_SL_49 4-6	258703020		
SUP_SL_49 6-8	258703021		
SUP_SL_50 10-12	258703027		
Analyte:	Trichloroethene		
SUP_SL_48 12-14	258703016	80846	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_49 4-6	258703020		
SUP_SL_49 14-16	258703023		
Analyte:	Xylene (Total)		
SUP_SL_49 6-8	258703021	81603	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_50 8-10	258703026		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction for method NWTPH-Dx and NWTPH-Gx, one per 10 samples for method 8270, and one per 20 samples for method



8260. Methods NWTPH-Dx, NWTPH-Gx, and 8260 did not have a MS/MSD prepared and analyzed. All other methods (6010 and 7471) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_17 3-4	258703001	80572	Arsenic	3920/2000	75-125	13	30	High	Results not qualified based on criteria 2a.
SUP_SL_17 10-12	258703002								
SUP_SL_17 12-14	258703003		Cadmium	52/24	75-125	72	20	High /Low	Qualified based on criteria 2c and 2d. Samples 258703010, 258703011, 258703012, 258703013, 258703014, 258703015, 258703016, and 258703017 were not qualified since these samples were located within/near the occi-sludge area and the sample spiked (258703001) is not representative of the soil lithology for these sample.
SUP_SL_17 14-16	258703004								
SUP_SL_24 3-4	258703005								
SUP_SL_24 4-5	258703006								
SUP_SL_26 10-12	258703007								
SUP_SL_26 12-14	258703008								
SUP_SL_26 14-16	258703009								
SUP_SL_48 1-2	258703010								
SUP_SL_48 2-4	258703011								
SUP_SL_48 4-6	258703012								
SUP_SL_48 6-8	258703013								
SUP_SL_48 8-10	258703014								
SUP_SL_48 10-12	258703015								
SUP_SL_48 12-14	258703016								
SUP_SL_48 14-16	258703017								
SUP_SL_49 1-2	258703018								
SUP_SL_49 2-4	258703019								
SUP_SL_49 4-6	258703020								



on criteria 2a.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per extraction for method NWTPH-Dx and NWTPH-Dx, one per 20 samples for method 6010, and one per 10 for method 8270. All other methods (8260 and 7471) had LCS /LCSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_17 14-16	258703004	80838	Vinyl chloride	75/78	80-112	6	29	Low	Based on criteria above, results were not qualified.
SUP_SL_24 3-4	258703005								
SUP_SL_24 4-5	258703006								
SUP_SL_26 10-12	258703007								
SUP_SL_26 12-14	258703008								
SUP_SL_45 1-2	258703010								
SUP_SL_48 2-4	258703011								
SUP_SL_48 8-10	258703014								
SUP_SL_48 10-12	258703015								
SUP_SL_48 14-16	258703017								
SUP_SL_49 1-2	258703018								



SUP_SL_49 2-4	258703019								
SUP_SL_49 12-14	258703022								
SUP_SL_50 2-4	258703025								
SUP_SL_48 6-8	258703013	80847	Tetrachloroethene	125/120	80-112	4	22	High	Qualified based on criteria 1a. Based on the criteria above, results for sample 258703020 were not qualified. Results for samples 258703013 and 258703016 were not qualified by this QC data.
SUP_SL_48 12-14	258703016		Trichloroethene	113/112	80-112	1	18	High	
SUP_SL_49 4-6	258703020								
SUP_SL_49 14-16	258703023								
SUP_SL_50 1-2	258703024								
SUP_SL_48 4-6	258703012	81065	Chloroethane	81/126	51-146	43	24	High	Based on the criteria above, results were not qualified.
SUP_SL_50 12-14	258703028								
SUP_SL_50 14-16	258703029								
SUP_SL_50_DUP	258703030								
SUP_SL_17 3-4	258703001	81604	Acetone	100/72	40-160	32	30	High	Qualified based on criteria 1a.
SUP_SL_17 10-12	258703002		Tetrachloroethene	115/102	80-112	12	22	High	
SUP_SL_17 12-14	258703003								
SUP_SL_26 14-16	258703009								
SUP_SL_49 6-8	258703021								
SUP_SL_50 8-10	258703026								
SUP_SL_50 10-12	258703027								



									not qualified.
--	--	--	--	--	--	--	--	--	----------------

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method NWTPH-Dx, NWTPH-Gx and 7471, and one every 10 samples for method 8270. Methods 6010 and 8260 had field duplicates prepared and analyzed at the required frequency as specified in the SAP & QAPP. Sample SUP_SL_50_DUP (258703030) was collected as a field duplicate and is associated with sample SUP_SL_50 12-14 (258703028).

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_SL_50_DUP (Lab ID - 258703030)	SUP_SL_50 12-14 (Lab ID – 258703028)		
Arsenic	31.8	69.4	mg/kg	74
Cadmium	0.15 J	0.53 J	mg/kg	112
Lead	3.6	101	mg/kg	186
Acetone	29.5	50.2	ug/kg	52
Benzene	0.25 J	<0.19	ug/kg	27
Carbon disulfide	2.5 J	4.0	ug/kg	46
Naphthalene	<0.59	4.2	ug/kg	151
Tetrachloroethene	1.3 J	1.2 J	ug/kg	8

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

The trip blanks were not listed on the chain-of-custody. They were run for VOCs using method 8260. According to the SAP & QAPP gasoline range organics (NWTPH-Gx) should have also been run for the trip blanks. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were not used. The temperature of the delivery coolers were recorded at 7.0 and 8.5 °C and were not within the required temperature range. Since the samples were delivered on ice the same day of collection no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Due to extremely low recoveries (<10%) in the surrogates, the nondetected results for pentachlorophenol were rejected in samples SUP_SL_48 4-6 (258703012) and SUP_SL_48 6-8 (258703013). The lab confirmed the matrix interference with re-analysis but did not re-extract the sample.

Due to low recoveries in the surrogates (>10% and less than lower acceptance limit), the detected results for VOCs were flagged as estimated (J) and the nondetected results were flagged as non-detect estimated (UJ) in samples SUP_SL_48 4-6 (258703012) and SUP_SL_48 6-8 (258703013). The lab did not confirm the matrix interference with re-analysis.



Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Two hundred seventy-nine (279) sample results were qualified (see Attachment 1).
- Twenty-seven detected sample results were qualified as estimated (J) due to surrogate recoveries that exceeded control limits or MS/MSD recoveries that exceeded control limits.
- One hundred one nondetected sample results were qualified as estimated (UJ) due to surrogate recoveries that exceeded control limits or MS/MSD recoveries that exceeded control limits.
- Fifty-seven detected sample results were qualified (B) and 64 detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.
- Eighteen detected sample results were qualified estimated (JB) and 10 detected sample results were qualified as nondetected (UJB) due to method/trip blank contamination and LCS/LCSD recoveries that exceeded control limits or surrogate recoveries that exceeded control limits.
- Two nondetected samples results were qualified rejected (UR) due to surrogate recoveries that exceeded control limits.

Excluding the two rejected sample results, all other sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.





Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258703

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_17 3-4	258703001	EPA 6010	Solid	Cadmium	<0.086	mg/kg	0.086	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_17 3-4	258703001	EPA 6010	Solid	Lead	23400	mg/kg	2.0	B	Method Blank Contamination
SUP_SL_17 3-4	258703001	EPA 8260	Solid	Acetone	31.2	ug/kg	1.6	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_17 3-4	258703001	EPA 8260	Solid	Carbon disulfide	0.80 J	ug/kg	0.41	UB	Trip Blank Contamination
SUP_SL_17 3-4	258703001	EPA 8260	Solid	Naphthalene	3.9 J	ug/kg	0.80	UB	Method Blank Contamination
SUP_SL_17 3-4	258703001	EPA 8260	Solid	Toluene	0.61 J	ug/kg	0.45	UB	Trip Blank Contamination
SUP_SL_17 3-4	258703001	EPA 8260	Solid	p-Isopropyltoluene	2.2 J	ug/kg	0.56	UB	Method Blank Contamination
SUP_SL_17 3-4	258703001	EPA 8260	Solid	sec-Butylbenzene	0.94 J	ug/kg	0.61	UB	Method Blank Contamination
SUP_SL_17 10-12	258703002	EPA 6010	Solid	Cadmium	<0.090	mg/kg	0.090	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_17 10-12	258703002	EPA 6010	Solid	Lead	2960	mg/kg	0.52	B	Method Blank Contamination
SUP_SL_17 10-12	258703002	EPA 8260	Solid	Acetone	75.1	ug/kg	2.0	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_17 10-12	258703002	EPA 8260	Solid	Carbon disulfide	13.1	ug/kg	0.50	B	Trip Blank Contamination
SUP_SL_17 10-12	258703002	EPA 8260	Solid	Naphthalene	1.8 J	ug/kg	0.99	UB	Method Blank Contamination
SUP_SL_17 12-14	258703003	EPA 6010	Solid	Cadmium	<0.070	mg/kg	0.070	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_17 12-14	258703003	EPA 6010	Solid	Lead	41.7	mg/kg	0.080	B	Method Blank Contamination
SUP_SL_17 12-14	258703003	EPA 8260	Solid	Acetone	47.5	ug/kg	1.7	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_17 12-14	258703003	EPA 8260	Solid	Carbon disulfide	6.2	ug/kg	0.44	B	Trip Blank Contamination
SUP_SL_17 12-14	258703003	EPA 8260	Solid	Naphthalene	1.1 J	ug/kg	0.86	UB	Method Blank Contamination
SUP_SL_17 12-14	258703003	EPA 8260	Solid	p-Isopropyltoluene	0.69 J	ug/kg	0.61	UB	Method Blank Contamination
SUP_SL_17 14-16	258703004	EPA 6010	Solid	Cadmium	<0.057	mg/kg	0.057	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_17 14-16	258703004	EPA 6010	Solid	Lead	9.4	mg/kg	0.065	B	Method Blank Contamination
SUP_SL_17 14-16	258703004	EPA 8260	Solid	1,2,4-Trichlorobenzene	0.45 J	ug/kg	0.29	UB	Method Blank Contamination
SUP_SL_17 14-16	258703004	EPA 8260	Solid	Acetone	29.9	ug/kg	1.3	UB	Trip Blank Contamination
SUP_SL_17 14-16	258703004	EPA 8260	Solid	Benzene	0.31 J	ug/kg	0.18	UB	Method Blank Contamination
SUP_SL_17 14-16	258703004	EPA 8260	Solid	Carbon disulfide	1.3 J	ug/kg	0.33	UB	Method Blank Contamination
SUP_SL_17 14-16	258703004	EPA 8260	Solid	Tetrachloroethene	0.77 J	ug/kg	0.46	UB	Trip Blank Contamination
SUP_SL_24 3-4	258703005	EPA 6010	Solid	Cadmium	<0.076	mg/kg	0.076	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_24 3-4	258703005	EPA 6010	Solid	Lead	2800	mg/kg	0.43	B	Method Blank Contamination
SUP_SL_24 3-4	258703005	EPA 8260	Solid	Acetone	35.0	ug/kg	1.8	UB	Trip Blank Contamination
SUP_SL_24 3-4	258703005	EPA 8260	Solid	Benzene	0.63 J	ug/kg	0.25	UB	Method Blank Contamination
SUP_SL_24 3-4	258703005	EPA 8260	Solid	Carbon disulfide	1.5 J	ug/kg	0.46	UB	Method Blank Contamination
SUP_SL_24 4-5	258703006	EPA 6010	Solid	Cadmium	<0.013	mg/kg	0.013	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_24 4-5	258703006	EPA 6010	Solid	Lead	103	mg/kg	0.074	B	Method Blank Contamination
SUP_SL_24 4-5	258703006	EPA 8260	Solid	Acetone	63.2	ug/kg	1.9	UB	Trip Blank Contamination
SUP_SL_24 4-5	258703006	EPA 8260	Solid	Benzene	0.48 J	ug/kg	0.27	UB	Method Blank Contamination
SUP_SL_24 4-5	258703006	EPA 8260	Solid	Carbon disulfide	6.0	ug/kg	0.49	B	Method Blank Contamination
SUP_SL_26 10-12	258703007	EPA 6010	Solid	Cadmium	<0.083	mg/kg	0.083	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_26 10-12	258703007	EPA 6010	Solid	Lead	7920	mg/kg	0.48	B	Method Blank Contamination
SUP_SL_26 10-12	258703007	EPA 8260	Solid	Acetone	88.1	ug/kg	1.6	B	Trip Blank Contamination
SUP_SL_26 10-12	258703007	EPA 8260	Solid	Carbon disulfide	5.9	ug/kg	0.41	B	Method Blank Contamination
SUP_SL_26 10-12	258703007	NWTPH-Gx	Solid	Gasoline Range Organics	11.3 J	mg/kg	0.48	B	Method Blank Contamination
SUP_SL_26 12-14	258703008	EPA 6010	Solid	Cadmium	<0.011	mg/kg	0.011	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_26 12-14	258703008	EPA 6010	Solid	Lead	773	mg/kg	0.062	B	Method Blank Contamination
SUP_SL_26 12-14	258703008	EPA 8260	Solid	Acetone	176	ug/kg	4.1	B	Trip Blank Contamination
SUP_SL_26 12-14	258703008	EPA 8260	Solid	Benzene	1.4 J	ug/kg	0.56	B	Method Blank Contamination
SUP_SL_26 12-14	258703008	EPA 8260	Solid	Carbon disulfide	13.5	ug/kg	1.0	B	Method Blank Contamination
SUP_SL_26 12-14	258703008	EPA 8260	Solid	Tetrachloroethene	1.5 J	ug/kg	1.4	UB	Trip Blank Contamination
SUP_SL_26 12-14	258703008	NWTPH-Gx	Solid	Gasoline Range Organics	1.4 J	mg/kg	0.34	UB	Method Blank Contamination
SUP_SL_26 14-16	258703009	EPA 6010	Solid	Cadmium	<0.012	mg/kg	0.012	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_26 14-16	258703009	EPA 6010	Solid	Lead	188	mg/kg	0.070	B	Method Blank Contamination
SUP_SL_26 14-16	258703009	EPA 8260	Solid	Acetone	13.6	ug/kg	1.2	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_26 14-16	258703009	EPA 8260	Solid	Carbon disulfide	4.8	ug/kg	0.31	B	Trip Blank Contamination
SUP_SL_26 14-16	258703009	EPA 8260	Solid	Naphthalene	0.96 J	ug/kg	0.62	UB	Method Blank Contamination
SUP_SL_26 14-16	258703009	EPA 8260	Solid	p-Isopropyltoluene	0.54 J	ug/kg	0.43	UB	Method Blank Contamination
SUP_SL_26 14-16	258703009	NWTPH-Gx	Solid	Gasoline Range Organics	0.87 J	mg/kg	0.27	UB	Method Blank Contamination
SUP_SL_48 1-2	258703010	EPA 6010	Solid	Lead	73.9	mg/kg	0.067	B	Method Blank Contamination
SUP_SL_48 1-2	258703010	EPA 8260	Solid	Acetone	62.9	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_48 1-2	258703010	EPA 8260	Solid	Carbon disulfide	2.1 J	ug/kg	0.30	UB	Method Blank Contamination
SUP_SL_48 1-2	258703010	EPA 8260	Solid	Tetrachloroethene	0.44 J	ug/kg	0.41	UB	Trip Blank Contamination
SUP_SL_48 2-4	258703011	EPA 6010	Solid	Lead	46.8	mg/kg	0.089	B	Method Blank Contamination
SUP_SL_48 2-4	258703011	EPA 8260	Solid	Acetone	89.2	ug/kg	1.6	B	Trip Blank Contamination
SUP_SL_48 2-4	258703011	EPA 8260	Solid	Benzene	0.31 J	ug/kg	0.22	UB	Method Blank Contamination
SUP_SL_48 2-4	258703011	EPA 8260	Solid	Carbon disulfide	1.6 J	ug/kg	0.42	UB	Method Blank Contamination
SUP_SL_48 4-6	258703012	EPA 6010	Solid	Lead	441	mg/kg	2.3	B	Method Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,1,1,2-Tetrachloroethane	<0.71	ug/kg	0.71	UJ	Surrogate Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258703

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,1,1-Trichloroethane	<0.89	ug/kg	0.89	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,1,2,2-Tetrachloroethane	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,1,2-Trichloroethane	<1.4	ug/kg	1.4	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,1,2-Trichlorotrifluoroethane	<2.0	ug/kg	2.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,1-Dichloroethane	<1.2	ug/kg	1.2	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,1-Dichloroethane	23.4	ug/kg	1.8	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,1-Dichloropropene	<1.7	ug/kg	1.7	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2,3-Trichlorobenzene	208	ug/kg	1.3	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2,3-Trichloropropane	<1.7	ug/kg	1.7	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2,4-Trichlorobenzene	5.0 J	ug/kg	1.2	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2,4-Trimethylbenzene	7.1 J	ug/kg	2.5	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2-Dibromo-3-chloropropane	<1.9	ug/kg	1.9	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2-Dibromoethane (EDB)	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2-Dichlorobenzene	2.7 J	ug/kg	1.2	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2-Dichloroethane	<1.1	ug/kg	1.1	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2-Dichloroethane (Total)	1480	ug/kg	1.8	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,2-Dichloropropane	<0.88	ug/kg	0.88	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,3,5-Trimethylbenzene	2.8 J	ug/kg	1.5	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,3-Dichlorobenzene	3.7 J	ug/kg	0.92	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,3-Dichloropropane	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	1,4-Dichlorobenzene	2.1 J	ug/kg	1.2	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	2,2-Dichloropropane	<0.91	ug/kg	0.91	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	2-Butanone (MEK)	<7.3	ug/kg	7.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	2-Chlorotoluene	<1.5	ug/kg	1.5	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	2-Hexanone	<1.7	ug/kg	1.7	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	4-Chlorotoluene	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	4-Methyl-2-pentanone (MIBK)	<1.5	ug/kg	1.5	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Acetone	924	ug/kg	5.3	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Benzene	34.2	ug/kg	0.73	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Bromobenzene	<1.1	ug/kg	1.1	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Bromochloromethane	<1.1	ug/kg	1.1	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Bromodichloromethane	<0.57	ug/kg	0.57	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Bromoform	<1.1	ug/kg	1.1	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Bromomethane	<1.5	ug/kg	1.5	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Carbon disulfide	353	ug/kg	1.4	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Carbon tetrachloride	<0.88	ug/kg	0.88	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Chlorobenzene	4.2 J	ug/kg	0.89	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Chloroethane	<1.4	ug/kg	1.4	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Chloroform	<0.94	ug/kg	0.94	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Chloromethane	14.1 J	ug/kg	1.0	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Dibromochloromethane	<0.49	ug/kg	0.49	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Dibromomethane	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Dichlorodifluoromethane	<2.0	ug/kg	2.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Ethylbenzene	9.7 J	ug/kg	1.8	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Isopropylbenzene (Cumene)	<1.7	ug/kg	1.7	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Methyl-tert-butyl ether	<1.2	ug/kg	1.2	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Methylene chloride	<12.8	ug/kg	12.8	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Naphthalene	40.5	ug/kg	2.7	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Styrene	2.7 J	ug/kg	1.4	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Toluene	28.1	ug/kg	1.5	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Trichlorofluoromethane	<1.1	ug/kg	1.1	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Vinyl chloride	<1.4	ug/kg	1.4	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	Xylene (Total)	10.3 J	ug/kg	3.6	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	cis-1,3-Dichloropropene	<0.63	ug/kg	0.63	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	m&p-Xylene	5.2 J	ug/kg	3.6	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	n-Butylbenzene	<2.2	ug/kg	2.2	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	n-Propylbenzene	<1.7	ug/kg	1.7	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	o-Xylene	5.1 J	ug/kg	1.6	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	p-Isopropyltoluene	18.0	ug/kg	1.9	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	sec-Butylbenzene	<2.0	ug/kg	2.0	UJ	Surrogate Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258703

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_48 4-6	258703012	EPA 8260	Solid	tert-Amylmethyl ether	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	tert-Butylbenzene	<1.7	ug/kg	1.7	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	trans-1,2-Dichloroethene	360	ug/kg	1.5	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8260	Solid	trans-1,3-Dichloropropene	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 4-6	258703012	EPA 8270	Solid	Pentachlorophenol	<395	ug/kg	395	UR	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 6010	Solid	Lead	245	mg/kg	0.77	B	Method Blank Contamination
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,1,1,2-Tetrachloroethane	<0.55	ug/kg	0.55	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,1,1-Trichloroethane	<0.69	ug/kg	0.69	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,1,2,2-Tetrachloroethane	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,1,2-Trichloroethane	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,1,2-Trichlorotrifluoroethane	<1.5	ug/kg	1.5	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,1-Dichloroethane	<0.89	ug/kg	0.89	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,1-Dichloroethene	<1.4	ug/kg	1.4	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,1-Dichloropropene	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2,3-Trichlorobenzene	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2,3-Trichloropropane	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2,4-Trichlorobenzene	<0.91	ug/kg	0.91	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2,4-Trimethylbenzene	3.7 J	ug/kg	1.9	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2-Dibromo-3-chloropropane	<1.5	ug/kg	1.5	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2-Dibromoethane (EDB)	<0.79	ug/kg	0.79	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2-Dichlorobenzene	1.8 J	ug/kg	0.92	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2-Dichloroethane	<0.83	ug/kg	0.83	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2-Dichloroethene (Total)	<1.4	ug/kg	1.4	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,2-Dichloropropene	<0.68	ug/kg	0.68	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,3,5-Trimethylbenzene	1.5 J	ug/kg	1.2	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,3-Dichlorobenzene	1.7 J	ug/kg	0.71	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,3-Dichloropropane	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	1,4-Dichlorobenzene	1.4 J	ug/kg	0.90	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 6-8	258703013	EPA 8260	Solid	2,2-Dichloropropane	<0.70	ug/kg	0.70	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	2-Butanone (MEK)	145	ug/kg	5.7	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	2-Chlorotoluene	<1.2	ug/kg	1.2	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	2-Hexanone	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	4-Chlorotoluene	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	4-Methyl-2-pentanone (MIBK)	<1.1	ug/kg	1.1	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Acetone	509	ug/kg	4.1	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Benzene	26.3	ug/kg	0.56	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Bromobenzene	<0.88	ug/kg	0.88	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Bromochloromethane	<0.83	ug/kg	0.83	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Bromodichloromethane	<0.44	ug/kg	0.44	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Bromoform	<0.87	ug/kg	0.87	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Bromomethane	<1.2	ug/kg	1.2	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Carbon disulfide	191	ug/kg	1.0	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Carbon tetrachloride	<0.68	ug/kg	0.68	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Chlorobenzene	<0.69	ug/kg	0.69	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Chloroethane	<1.1	ug/kg	1.1	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Chloroform	0.80 J	ug/kg	0.73	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Chloromethane	<0.77	ug/kg	0.77	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Dibromochloromethane	<0.38	ug/kg	0.38	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Dibromomethane	<0.78	ug/kg	0.78	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Dichlorodifluoromethane	<1.6	ug/kg	1.6	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Ethylbenzene	6.2 J	ug/kg	1.4	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Hexachloro-1,3-butadiene	536	ug/kg	1.1	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Isopropylbenzene (Cumene)	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Methyl-tert-butyl ether	<0.94	ug/kg	0.94	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Methylene chloride	<9.9	ug/kg	9.9	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Naphthalene	24.8	ug/kg	2.1	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Styrene	1.7 J	ug/kg	1.1	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Toluene	20.2	ug/kg	1.2	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Trichlorofluoromethane	<0.86	ug/kg	0.86	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Vinyl chloride	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	Xylene (Total)	6.6 J	ug/kg	2.8	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	cis-1,2-Dichloroethene	<0.78	ug/kg	0.78	UJ	Surrogate Recoveries Exceed Control Limits



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258703

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_48 6-8	258703013	EPA 8260	Solid	cis-1,3-Dichloropropene	<0.49	ug/kg	0.49	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	m&p-Xylene	3.5 J	ug/kg	2.8	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	n-Butylbenzene	<1.7	ug/kg	1.7	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	n-Propylbenzene	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	o-Xylene	3.1 J	ug/kg	1.2	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	p-Isopropyltoluene	<1.4	ug/kg	1.4	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	sec-Butylbenzene	<1.6	ug/kg	1.6	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	tert-Amylmethyl ether	<0.97	ug/kg	0.97	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	tert-Butylbenzene	<1.3	ug/kg	1.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	trans-1,2-Dichloroethene	<1.1	ug/kg	1.1	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8260	Solid	trans-1,3-Dichloropropene	<0.79	ug/kg	0.79	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 6-8	258703013	EPA 8270	Solid	Pentachlorophenol	<278	ug/kg	278	UR	Surrogate Recoveries Exceed Control Limits
SUP_SL_48 8-10	258703014	EPA 6010	Solid	Lead	9.3	mg/kg	0.42	B	Method Blank Contamination
SUP_SL_48 8-10	258703014	EPA 8260	Solid	Acetone	157	ug/kg	3.6	B	Trip Blank Contamination
SUP_SL_48 8-10	258703014	EPA 8260	Solid	Benzene	14.0	ug/kg	0.49	B	Method Blank Contamination
SUP_SL_48 8-10	258703014	EPA 8260	Solid	Carbon disulfide	41.4	ug/kg	0.90	B	Method Blank Contamination
SUP_SL_48 8-10	258703014	EPA 8260	Solid	Tetrachloroethene	292	ug/kg	1.2	B	Trip Blank Contamination
SUP_SL_48 10-12	258703015	EPA 6010	Solid	Lead	6.0	mg/kg	0.086	B	Method Blank Contamination
SUP_SL_48 10-12	258703015	EPA 8260	Solid	Acetone	42.7	ug/kg	2.1	UB	Trip Blank Contamination
SUP_SL_48 10-12	258703015	EPA 8260	Solid	Benzene	9.1	ug/kg	0.29	B	Method Blank Contamination
SUP_SL_48 10-12	258703015	EPA 8260	Solid	Carbon disulfide	22.3	ug/kg	0.54	B	Method Blank Contamination
SUP_SL_48 10-12	258703015	EPA 8260	Solid	Tetrachloroethene	4.3 J	ug/kg	0.74	B	Trip Blank Contamination
SUP_SL_48 12-14	258703016	EPA 6010	Solid	Lead	3.2	mg/kg	0.066	B	Method Blank Contamination
SUP_SL_48 12-14	258703016	EPA 8260	Solid	Acetone	37.7	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_48 12-14	258703016	EPA 8260	Solid	Benzene	3.5	ug/kg	0.17	B	Method Blank Contamination
SUP_SL_48 12-14	258703016	EPA 8260	Solid	Carbon disulfide	11.8	ug/kg	0.32	B	Method Blank Contamination
SUP_SL_48 12-14	258703016	EPA 8260	Solid	Toluene	0.60 J	ug/kg	0.35	UB	Trip Blank Contamination
SUP_SL_48 12-14	258703016	EPA 8260	Solid	Trichloroethene	53.6	ug/kg	0.24	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_48 14-16	258703017	EPA 6010	Solid	Lead	2.0	mg/kg	0.063	B	Method Blank Contamination
SUP_SL_48 14-16	258703017	EPA 8260	Solid	Acetone	25.6	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_48 14-16	258703017	EPA 8260	Solid	Benzene	0.60 J	ug/kg	0.17	UB	Method Blank Contamination
SUP_SL_48 14-16	258703017	EPA 8260	Solid	Carbon disulfide	3.6	ug/kg	0.31	UB	Method Blank Contamination
SUP_SL_48 14-16	258703017	EPA 8260	Solid	Tetrachloroethene	0.69 J	ug/kg	0.43	UB	Trip Blank Contamination
SUP_SL_49 1-2	258703018	EPA 6010	Solid	Cadmium	0.019 J	mg/kg	0.0099	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_49 1-2	258703018	EPA 6010	Solid	Lead	14.6	mg/kg	0.57	B	Method Blank Contamination
SUP_SL_49 1-2	258703018	EPA 8260	Solid	Acetone	16.4	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_49 1-2	258703018	EPA 8260	Solid	Benzene	0.45 J	ug/kg	0.16	UB	Method Blank Contamination
SUP_SL_49 1-2	258703018	EPA 8260	Solid	Carbon disulfide	19.2	ug/kg	0.29	B	Method Blank Contamination
SUP_SL_49 2-4	258703019	EPA 6010	Solid	Cadmium	2.6 J	mg/kg	0.15	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_49 2-4	258703019	EPA 6010	Solid	Lead	1380	mg/kg	0.42	B	Method Blank Contamination
SUP_SL_49 2-4	258703019	EPA 8260	Solid	Acetone	310	ug/kg	1.5	B	Trip Blank Contamination
SUP_SL_49 2-4	258703019	EPA 8260	Solid	Benzene	8.6	ug/kg	0.21	B	Method Blank Contamination
SUP_SL_49 2-4	258703019	EPA 8260	Solid	Carbon disulfide	3.2 J	ug/kg	0.38	UB	Method Blank Contamination
SUP_SL_49 2-4	258703019	EPA 8260	Solid	Tetrachloroethene	2.0 J	ug/kg	0.52	UB	Trip Blank Contamination
SUP_SL_49 4-6	258703020	EPA 6010	Solid	Cadmium	<0.26	mg/kg	0.26	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_SL_49 4-6	258703020	EPA 6010	Solid	Lead	1770	mg/kg	0.30	B	Method Blank Contamination
SUP_SL_49 4-6	258703020	EPA 8260	Solid	1,2-Dichlorobenzene	1.5 J	ug/kg	0.28	UB	Method Blank Contamination
SUP_SL_49 4-6	258703020	EPA 8260	Solid	Acetone	71.6	ug/kg	1.2	B	Trip Blank Contamination
SUP_SL_49 4-6	258703020	EPA 8260	Solid	Benzene	3.3 J	ug/kg	0.17	B	Method Blank Contamination
SUP_SL_49 4-6	258703020	EPA 8260	Solid	Carbon disulfide	3.7	ug/kg	0.32	UB	Method Blank Contamination
SUP_SL_49 4-6	258703020	EPA 8260	Solid	Toluene	6.0	ug/kg	0.35	B	Trip Blank Contamination
SUP_SL_49 4-6	258703020	EPA 8260	Solid	Trichloroethene	4.2	ug/kg	0.24	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_49 6-8	258703021	EPA 8260	Solid	Acetone	145	ug/kg	2.3	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_49 6-8	258703021	EPA 8260	Solid	Carbon disulfide	53.7	ug/kg	0.57	B	Trip Blank Contamination
SUP_SL_49 6-8	258703021	EPA 8260	Solid	Naphthalene	10.3	ug/kg	1.1	B	Method Blank Contamination
SUP_SL_49 6-8	258703021	EPA 8260	Solid	Toluene	6.5	ug/kg	0.63	B	Trip Blank Contamination
SUP_SL_49 6-8	258703021	EPA 8260	Solid	Xylene (Total)	8.1 J	ug/kg	1.5	B	Method Blank Contamination
SUP_SL_49 6-8	258703021	EPA 8260	Solid	p-Isopropyltoluene	2.5 J	ug/kg	0.79	B	Method Blank Contamination
SUP_SL_49 12-14	258703022	EPA 8260	Solid	Acetone	23.0	ug/kg	1.3	UB	Trip Blank Contamination
SUP_SL_49 12-14	258703022	EPA 8260	Solid	Carbon disulfide	1.1 J	ug/kg	0.33	UB	Method Blank Contamination
SUP_SL_49 14-16	258703023	EPA 8260	Solid	Acetone	19.3	ug/kg	1.3	UB	Trip Blank Contamination
SUP_SL_49 14-16	258703023	EPA 8260	Solid	Carbon disulfide	6.5	ug/kg	0.32	B	Method Blank Contamination
SUP_SL_49 14-16	258703023	EPA 8260	Solid	Tetrachloroethene	2.9 J	ug/kg	0.44	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_49 14-16	258703023	EPA 8260	Solid	Trichloroethene	0.55 J	ug/kg	0.24	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258703

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_50 1-2	258703024	EPA 8260	Solid	Acetone	8.8 J	ug/kg	1.1	UB	Trip Blank Contamination
SUP_SL_50 1-2	258703024	EPA 8260	Solid	Carbon disulfide	2.4 J	ug/kg	0.28	UB	Method Blank Contamination
SUP_SL_50 1-2	258703024	EPA 8260	Solid	Tetrachloroethene	2.2 J	ug/kg	0.38	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_50 2-4	258703025	EPA 8260	Solid	Acetone	229	ug/kg	1.3	B	Trip Blank Contamination
SUP_SL_50 2-4	258703025	EPA 8260	Solid	Benzene	2.1 J	ug/kg	0.17	B	Method Blank Contamination
SUP_SL_50 2-4	258703025	EPA 8260	Solid	Carbon disulfide	15.4	ug/kg	0.32	B	Method Blank Contamination
SUP_SL_50 8-10	258703026	EPA 8260	Solid	Acetone	27.6	ug/kg	1.3	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_50 8-10	258703026	EPA 8260	Solid	Carbon disulfide	10.5	ug/kg	0.32	B	Trip Blank Contamination
SUP_SL_50 8-10	258703026	EPA 8260	Solid	Naphthalene	4.6	ug/kg	0.64	UB	Method Blank Contamination
SUP_SL_50 8-10	258703026	EPA 8260	Solid	Toluene	0.57 J	ug/kg	0.36	UB	Trip Blank Contamination
SUP_SL_50 8-10	258703026	EPA 8260	Solid	Xylene (Total)	1.1 J	ug/kg	0.87	UB	Method Blank Contamination
SUP_SL_50 8-10	258703026	EPA 8260	Solid	p-Isopropyltoluene	2.2 J	ug/kg	0.45	UB	Method Blank Contamination
SUP_SL_50 10-12	258703027	EPA 8260	Solid	Acetone	76.6	ug/kg	1.4	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_50 10-12	258703027	EPA 8260	Solid	Carbon disulfide	17.1	ug/kg	0.35	B	Trip Blank Contamination
SUP_SL_50 10-12	258703027	EPA 8260	Solid	Naphthalene	4.0	ug/kg	0.70	UB	Method Blank Contamination
SUP_SL_50 10-12	258703027	EPA 8260	Solid	Toluene	0.60 J	ug/kg	0.39	UB	Trip Blank Contamination
SUP_SL_50 10-12	258703027	EPA 8260	Solid	p-Isopropyltoluene	0.97 J	ug/kg	0.49	UB	Method Blank Contamination
SUP_SL_50 12-14	258703028	EPA 8260	Solid	Acetone	50.2	ug/kg	1.4	UB	Trip Blank Contamination
SUP_SL_50 12-14	258703028	EPA 8260	Solid	Carbon disulfide	4.0	ug/kg	0.36	UB	Method Blank Contamination
SUP_SL_50 12-14	258703028	EPA 8260	Solid	Tetrachloroethene	1.2 J	ug/kg	0.49	UB	Method Blank Contamination
SUP_SL_50 14-16	258703029	EPA 8260	Solid	Acetone	45.0	ug/kg	1.3	UB	Trip Blank Contamination
SUP_SL_50 14-16	258703029	EPA 8260	Solid	Benzene	0.18 J	ug/kg	0.17	UB	Method Blank Contamination
SUP_SL_50 14-16	258703029	EPA 8260	Solid	Carbon disulfide	2.8 J	ug/kg	0.32	UB	Method Blank Contamination
SUP_SL_50 14-16	258703029	EPA 8260	Solid	Tetrachloroethene	1.0 J	ug/kg	0.44	UB	Method Blank Contamination
SUP_SL_50_DUP	258703030	EPA 8260	Solid	Acetone	29.5	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_50_DUP	258703030	EPA 8260	Solid	Benzene	0.25 J	ug/kg	0.16	UB	Method Blank Contamination
SUP_SL_50_DUP	258703030	EPA 8260	Solid	Carbon disulfide	2.5 J	ug/kg	0.30	UB	Method Blank Contamination
SUP_SL_50_DUP	258703030	EPA 8260	Solid	Tetrachloroethene	1.3 J	ug/kg	0.41	UB	Method Blank Contamination

April 19, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258703

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 02, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, REV-1 01/04/12. Acetone is now flagged with a 1n qualifier for sample 258703028 (SUP_SL_50 12-14).

Amended Report, 03/15/12 REV2. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 19, 2012
Page 2

Enclosures

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258703

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon
Pace Project No.: 258703

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258703001	SUP_SL_17 3-4	Solid	08/02/11 09:50	08/02/11 15:15
258703002	SUP_SL_17 10-12	Solid	08/02/11 09:55	08/02/11 15:15
258703003	SUP_SL_17 12-14	Solid	08/02/11 10:00	08/02/11 15:15
258703004	SUP_SL_17 14-16	Solid	08/02/11 10:10	08/02/11 15:15
258703005	SUP_SL_24 3-4	Solid	08/02/11 10:45	08/02/11 15:15
258703006	SUP_SL_24 4-5	Solid	08/02/11 10:50	08/02/11 15:15
258703007	SUP_SL_26 10-12	Solid	08/02/11 10:20	08/02/11 15:15
258703008	SUP_SL_26 12-14	Solid	08/02/11 10:25	08/02/11 15:15
258703009	SUP_SL_26 14-16	Solid	08/02/11 10:30	08/02/11 15:15
258703010	SUP_SL_48 1-2	Solid	08/02/11 11:23	08/02/11 15:15
258703011	SUP_SL_48 2-4	Solid	08/02/11 11:30	08/02/11 15:15
258703012	SUP_SL_48 4-6	Solid	08/02/11 11:35	08/02/11 15:15
258703013	SUP_SL_48 6-8	Solid	08/02/11 11:40	08/02/11 15:15
258703014	SUP_SL_48 8-10	Solid	08/02/11 11:42	08/02/11 15:15
258703015	SUP_SL_48 10-12	Solid	08/02/11 11:45	08/02/11 15:15
258703016	SUP_SL_48 12-14	Solid	08/02/11 11:50	08/02/11 15:15
258703017	SUP_SL_48 14-16	Solid	08/02/11 11:55	08/02/11 15:15
258703018	SUP_SL_49 1-2	Solid	08/02/11 12:10	08/02/11 15:15
258703019	SUP_SL_49 2-4	Solid	08/02/11 12:15	08/02/11 15:15
258703020	SUP_SL_49 4-6	Solid	08/02/11 12:20	08/02/11 15:15
258703021	SUP_SL_49 6-8	Solid	08/02/11 12:25	08/02/11 15:15
258703022	SUP_SL_49 12-14	Solid	08/02/11 12:50	08/02/11 15:15
258703023	SUP_SL_49 14-16	Solid	08/02/11 12:55	08/02/11 15:15
258703024	SUP_SL_50 1-2	Solid	08/02/11 13:15	08/02/11 15:15
258703025	SUP_SL_50 2-4	Solid	08/02/11 13:25	08/02/11 15:15
258703026	SUP_SL_50 8-10	Solid	08/02/11 13:55	08/02/11 15:15
258703027	SUP_SL_50 10-12	Solid	08/02/11 14:00	08/02/11 15:15
258703028	SUP_SL_50 12-14	Solid	08/02/11 14:05	08/02/11 15:15
258703029	SUP_SL_50 14-16	Solid	08/02/11 14:10	08/02/11 15:15
258703030	SUP_SL_50_DUP	Solid	08/02/11 14:10	08/02/11 15:15
258703031	TRIP BLANK 1	Solid	08/02/11 00:00	08/02/11 15:15
258703032	TRIP BLANK 2	Solid	08/02/11 00:00	08/02/11 15:15

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258703

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258703001	SUP_SL_17 3-4	EPA 6010	CMS	3	PASI-S
		EPA 7471	CMS	1	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703002	SUP_SL_17 10-12	EPA 6010	CMS	3	PASI-S
		EPA 7471	CMS	1	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703003	SUP_SL_17 12-14	EPA 6010	CMS	3	PASI-S
		EPA 7471	CMS	1	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703004	SUP_SL_17 14-16	EPA 6010	CMS	3	PASI-S
		EPA 7471	CMS	1	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703005	SUP_SL_24_3-4	EPA 6010	CMS	3	PASI-S
		EPA 7471	CMS	1	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703006	SUP_SL_24_4-5	EPA 6010	CMS	3	PASI-S
		EPA 7471	CMS	1	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703007	SUP_SL_26 10-12	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 7471	CMS	1	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258703

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258703008	SUP_SL_26 12-14	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 7471	CMS	1	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703009	SUP_SL_26 14-16	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 7471	CMS	1	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703010	SUP_SL_48 1-2	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703011	SUP_SL_48 2-4	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703012	SUP_SL_48 4-6	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	8	PASI-S
		EPA 8260	LPM	69	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703013	SUP_SL_48 6-8	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	6	PASI-S
		EPA 8260	LPM	71	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703014	SUP_SL_48 8-10	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	CMS	3	PASI-S
258703015	SUP_SL_48 10-12	EPA 6010	CMS	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258703

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258703016	SUP_SL_48 12-14	EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LNH	5	PASI-S
258703017	SUP_SL_48 14-16	EPA 8260	LPM	72	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703018	SUP_SL_49 1-2	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
258703019	SUP_SL_49 2-4	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258703020	SUP_SL_49 4-6	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	7	PASI-S
258703021	SUP_SL_49 6-8	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258703022	SUP_SL_49 12-14	EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
258703023	SUP_SL_49 14-16	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258703024	SUP_SL_50 1-2	EPA 6010	CMS	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258703

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258703025	SUP_SL_50 2-4	EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
258703026	SUP_SL_50 8-10	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
258703027	SUP_SL_50 10-12	EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
258703028	SUP_SL_50 12-14	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
258703029	SUP_SL_50 14-16	EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
258703030	SUP_SL_50_DUP	ASTM D2974-87	KJ1	1	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		EPA 8260	LPM	73	PASI-S
258703031	TRIP BLANK 1	EPA 8260	LPM	73	PASI-S
258703032	TRIP BLANK 2	EPA 8260	LPM	73	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_17 3-4 Lab ID: 258703001 Collected: 08/02/11 09:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4200	mg/kg	15.6	2.3	5	08/03/11 15:20	08/18/11 11:46	7440-38-2	
Cadmium	ND	mg/kg	7.8	0.086	5	08/03/11 15:20	08/18/11 11:46	7440-43-9	
Lead	23400	mg/kg	31.2	2.0	20	08/03/11 15:20	08/18/11 20:04	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.94	mg/kg	0.12	0.0026	1	08/06/11 17:03	08/08/11 18:51	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	196J	ug/kg	531	168	1	08/09/11 17:20	08/15/11 21:38	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	62	%	26-135		1	08/09/11 17:20	08/15/11 21:38	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	0.21	1		08/11/11 16:10	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.4	0.27	1		08/11/11 16:10	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	0.41	1		08/11/11 16:10	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.4	0.41	1		08/11/11 16:10	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	0.59	1		08/11/11 16:10	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.4	0.35	1		08/11/11 16:10	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.4	0.54	1		08/11/11 16:10	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.4	0.51	1		08/11/11 16:10	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	0.41	1		08/11/11 16:10	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.4	0.50	1		08/11/11 16:10	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	0.36	1		08/11/11 16:10	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	0.76	1		08/11/11 16:10	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	0.57	1		08/11/11 16:10	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	0.31	1		08/11/11 16:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	0.36	1		08/11/11 16:10	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.4	0.32	1		08/11/11 16:10	107-06-2	
1,2-Dichloroethene (Total)	0.88J	ug/kg	8.8	0.54	1		08/11/11 16:10	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.4	0.26	1		08/11/11 16:10	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	0.47	1		08/11/11 16:10	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.4	0.28	1		08/11/11 16:10	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.4	0.41	1		08/11/11 16:10	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.4	0.35	1		08/11/11 16:10	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.4	0.27	1		08/11/11 16:10	594-20-7	
2-Butanone (MEK)	20.4	ug/kg	14.6	2.2	1		08/11/11 16:10	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.4	0.46	1		08/11/11 16:10	95-49-8	
2-Hexanone	ND	ug/kg	14.6	0.53	1		08/11/11 16:10	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.4	0.39	1		08/11/11 16:10	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.6	0.44	1		08/11/11 16:10	108-10-1	
Acetone	31.2	ug/kg	14.6	1.6	1		08/11/11 16:10	67-64-1	1n
Benzene	0.55J	ug/kg	4.4	0.22	1		08/11/11 16:10	71-43-2	
Bromobenzene	ND	ug/kg	4.4	0.34	1		08/11/11 16:10	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	0.32	1		08/11/11 16:10	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_17 3-4 Lab ID: 258703001 Collected: 08/02/11 09:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	4.4	0.17	1		08/11/11 16:10	75-27-4	
Bromoform	ND	ug/kg	4.4	0.34	1		08/11/11 16:10	75-25-2	
Bromomethane	ND	ug/kg	4.4	0.46	1		08/11/11 16:10	74-83-9	
Carbon disulfide	0.80J	ug/kg	4.4	0.41	1		08/11/11 16:10	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	0.27	1		08/11/11 16:10	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	0.27	1		08/11/11 16:10	108-90-7	
Chloroethane	ND	ug/kg	4.4	0.42	1		08/11/11 16:10	75-00-3	
Chloroform	ND	ug/kg	4.4	0.28	1		08/11/11 16:10	67-66-3	
Chloromethane	ND	ug/kg	4.4	0.30	1		08/11/11 16:10	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	0.15	1		08/11/11 16:10	124-48-1	
Dibromomethane	ND	ug/kg	4.4	0.30	1		08/11/11 16:10	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.4	0.61	1		08/11/11 16:10	75-71-8	
Ethylbenzene	ND	ug/kg	4.4	0.55	1		08/11/11 16:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	0.43	1		08/11/11 16:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	0.51	1		08/11/11 16:10	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	0.37	1		08/11/11 16:10	1634-04-4	
Methylene chloride	ND	ug/kg	14.6	3.9	1		08/11/11 16:10	75-09-2	
Naphthalene	3.9J	ug/kg	4.4	0.80	1		08/11/11 16:10	91-20-3	B
Styrene	ND	ug/kg	4.4	0.42	1		08/11/11 16:10	100-42-5	
Tetrachloroethene	ND	ug/kg	4.4	0.56	1		08/11/11 16:10	127-18-4	
Toluene	0.61J	ug/kg	4.4	0.45	1		08/11/11 16:10	108-88-3	
Trichloroethene	ND	ug/kg	4.4	0.31	1		08/11/11 16:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	0.33	1		08/11/11 16:10	75-69-4	
Vinyl chloride	ND	ug/kg	4.4	0.41	1		08/11/11 16:10	75-01-4	
Xylene (Total)	ND	ug/kg	13.2	1.1	1		08/11/11 16:10	1330-20-7	
cis-1,2-Dichloroethene	0.88J	ug/kg	4.4	0.31	1		08/11/11 16:10	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	0.19	1		08/11/11 16:10	10061-01-5	
m&p-Xylene	ND	ug/kg	8.8	1.1	1		08/11/11 16:10	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.4	0.67	1		08/11/11 16:10	104-51-8	
n-Propylbenzene	ND	ug/kg	4.4	0.51	1		08/11/11 16:10	103-65-1	
o-Xylene	ND	ug/kg	4.4	0.48	1		08/11/11 16:10	95-47-6	
p-Isopropyltoluene	2.2J	ug/kg	4.4	0.56	1		08/11/11 16:10	99-87-6	B
sec-Butylbenzene	0.94J	ug/kg	4.4	0.61	1		08/11/11 16:10	135-98-8	B
tert-Amylmethyl ether	ND	ug/kg	4.4	0.38	1		08/11/11 16:10	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.4	0.50	1		08/11/11 16:10	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	0.44	1		08/11/11 16:10	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	0.31	1		08/11/11 16:10	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/11/11 16:10	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/11/11 16:10	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/11/11 16:10	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/11/11 16:10	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **38.4 %** 0.10 0.10 1 08/04/11 16:08

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_17 10-12 Lab ID: 258703002 Collected: 08/02/11 09:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	549	mg/kg	16.4	2.4	5	08/03/11 15:20	08/18/11 11:57	7440-38-2	
Cadmium	ND	mg/kg	8.2	0.090	5	08/03/11 15:20	08/18/11 11:57	7440-43-9	
Lead	2960	mg/kg	8.2	0.52	5	08/03/11 15:20	08/18/11 11:57	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.10J	mg/kg	0.14	0.0030	1	08/06/11 17:03	08/08/11 18:58	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	579	183	1	08/09/11 17:20	08/15/11 14:26	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	53	%	26-135		1	08/09/11 17:20	08/15/11 14:26	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	0.26	1		08/11/11 16:31	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.4	0.33	1		08/11/11 16:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	0.50	1		08/11/11 16:31	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.4	0.50	1		08/11/11 16:31	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.4	0.73	1		08/11/11 16:31	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.4	0.43	1		08/11/11 16:31	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.4	0.67	1		08/11/11 16:31	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.4	0.63	1		08/11/11 16:31	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	0.50	1		08/11/11 16:31	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.4	0.62	1		08/11/11 16:31	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	0.44	1		08/11/11 16:31	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	0.94	1		08/11/11 16:31	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	0.71	1		08/11/11 16:31	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	0.38	1		08/11/11 16:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.4	0.45	1		08/11/11 16:31	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.4	0.40	1		08/11/11 16:31	107-06-2	
1,2-Dichloroethene (Total)	0.73J	ug/kg	10.9	0.67	1		08/11/11 16:31	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.4	0.33	1		08/11/11 16:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	0.58	1		08/11/11 16:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.4	0.34	1		08/11/11 16:31	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.4	0.50	1		08/11/11 16:31	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.4	0.43	1		08/11/11 16:31	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.4	0.34	1		08/11/11 16:31	594-20-7	
2-Butanone (MEK)	14.7J	ug/kg	18.1	2.7	1		08/11/11 16:31	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.4	0.57	1		08/11/11 16:31	95-49-8	
2-Hexanone	ND	ug/kg	18.1	0.65	1		08/11/11 16:31	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.4	0.48	1		08/11/11 16:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.1	0.55	1		08/11/11 16:31	108-10-1	
Acetone	75.1	ug/kg	18.1	2.0	1		08/11/11 16:31	67-64-1	1n
Benzene	0.42J	ug/kg	5.4	0.27	1		08/11/11 16:31	71-43-2	
Bromobenzene	ND	ug/kg	5.4	0.42	1		08/11/11 16:31	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	0.40	1		08/11/11 16:31	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_17 10-12 Lab ID: 258703002 Collected: 08/02/11 09:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	5.4	0.21	1		08/11/11 16:31	75-27-4	
Bromoform	ND	ug/kg	5.4	0.42	1		08/11/11 16:31	75-25-2	
Bromomethane	ND	ug/kg	5.4	0.58	1		08/11/11 16:31	74-83-9	
Carbon disulfide	13.1	ug/kg	5.4	0.50	1		08/11/11 16:31	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	0.33	1		08/11/11 16:31	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	0.33	1		08/11/11 16:31	108-90-7	
Chloroethane	ND	ug/kg	5.4	0.52	1		08/11/11 16:31	75-00-3	
Chloroform	ND	ug/kg	5.4	0.35	1		08/11/11 16:31	67-66-3	
Chloromethane	ND	ug/kg	5.4	0.37	1		08/11/11 16:31	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	0.18	1		08/11/11 16:31	124-48-1	
Dibromomethane	ND	ug/kg	5.4	0.38	1		08/11/11 16:31	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.4	0.75	1		08/11/11 16:31	75-71-8	
Ethylbenzene	ND	ug/kg	5.4	0.69	1		08/11/11 16:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	0.54	1		08/11/11 16:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	0.63	1		08/11/11 16:31	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.4	0.45	1		08/11/11 16:31	1634-04-4	
Methylene chloride	ND	ug/kg	18.1	4.8	1		08/11/11 16:31	75-09-2	
Naphthalene	1.8J	ug/kg	5.4	0.99	1		08/11/11 16:31	91-20-3	B
Styrene	ND	ug/kg	5.4	0.52	1		08/11/11 16:31	100-42-5	
Tetrachloroethene	ND	ug/kg	5.4	0.69	1		08/11/11 16:31	127-18-4	
Toluene	ND	ug/kg	5.4	0.56	1		08/11/11 16:31	108-88-3	
Trichloroethene	ND	ug/kg	5.4	0.38	1		08/11/11 16:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	0.41	1		08/11/11 16:31	75-69-4	
Vinyl chloride	ND	ug/kg	5.4	0.51	1		08/11/11 16:31	75-01-4	
Xylene (Total)	ND	ug/kg	16.3	1.4	1		08/11/11 16:31	1330-20-7	
cis-1,2-Dichloroethene	0.73J	ug/kg	5.4	0.38	1		08/11/11 16:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	0.24	1		08/11/11 16:31	10061-01-5	
m&p-Xylene	ND	ug/kg	10.9	1.4	1		08/11/11 16:31	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.4	0.83	1		08/11/11 16:31	104-51-8	
n-Propylbenzene	ND	ug/kg	5.4	0.64	1		08/11/11 16:31	103-65-1	
o-Xylene	ND	ug/kg	5.4	0.59	1		08/11/11 16:31	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.4	0.70	1		08/11/11 16:31	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.4	0.76	1		08/11/11 16:31	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.4	0.47	1		08/11/11 16:31	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.4	0.62	1		08/11/11 16:31	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	0.54	1		08/11/11 16:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	0.38	1		08/11/11 16:31	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/11/11 16:31	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/11/11 16:31	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/11/11 16:31	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		67-136		1		08/11/11 16:31	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	43.1 %	0.10	0.10	1	08/04/11 16:09
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_17 12-14 Lab ID: 258703003 Collected: 08/02/11 10:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	27.3	mg/kg	12.7	1.9	5	08/03/11 15:20	08/18/11 12:01	7440-38-2	
Cadmium	ND	mg/kg	6.3	0.070	5	08/03/11 15:20	08/18/11 12:01	7440-43-9	
Lead	41.7	mg/kg	1.3	0.080	1	08/03/11 15:20	08/18/11 13:35	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.072J	mg/kg	0.12	0.0024	1	08/06/11 17:03	08/08/11 19:00	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	509	161	1	08/09/11 17:20	08/15/11 14:49	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	51	%	26-135		1	08/09/11 17:20	08/15/11 14:49	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	0.23	1		08/11/11 16:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.7	0.29	1		08/11/11 16:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	0.44	1		08/11/11 16:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.7	0.44	1		08/11/11 16:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	0.63	1		08/11/11 16:52	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.7	0.37	1		08/11/11 16:52	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.7	0.58	1		08/11/11 16:52	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.7	0.55	1		08/11/11 16:52	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	0.44	1		08/11/11 16:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.7	0.54	1		08/11/11 16:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	0.38	1		08/11/11 16:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	0.81	1		08/11/11 16:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.9	0.61	1		08/11/11 16:52	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	0.33	1		08/11/11 16:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	0.39	1		08/11/11 16:52	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.7	0.35	1		08/11/11 16:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.4	0.58	1		08/11/11 16:52	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.7	0.29	1		08/11/11 16:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	0.50	1		08/11/11 16:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.7	0.30	1		08/11/11 16:52	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.7	0.44	1		08/11/11 16:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.7	0.38	1		08/11/11 16:52	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.7	0.29	1		08/11/11 16:52	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.7	2.4	1		08/11/11 16:52	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.7	0.49	1		08/11/11 16:52	95-49-8	
2-Hexanone	ND	ug/kg	15.7	0.57	1		08/11/11 16:52	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.7	0.42	1		08/11/11 16:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.7	0.48	1		08/11/11 16:52	108-10-1	
Acetone	47.5	ug/kg	15.7	1.7	1		08/11/11 16:52	67-64-1	1n
Benzene	0.57J	ug/kg	4.7	0.24	1		08/11/11 16:52	71-43-2	
Bromobenzene	ND	ug/kg	4.7	0.37	1		08/11/11 16:52	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	0.35	1		08/11/11 16:52	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_17_12-14 Lab ID: 258703003 Collected: 08/02/11 10:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	4.7	0.19	1		08/11/11 16:52	75-27-4	
Bromoform	ND	ug/kg	4.7	0.36	1		08/11/11 16:52	75-25-2	
Bromomethane	ND	ug/kg	4.7	0.50	1		08/11/11 16:52	74-83-9	
Carbon disulfide	6.2	ug/kg	4.7	0.44	1		08/11/11 16:52	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	0.29	1		08/11/11 16:52	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	0.29	1		08/11/11 16:52	108-90-7	
Chloroethane	ND	ug/kg	4.7	0.45	1		08/11/11 16:52	75-00-3	
Chloroform	ND	ug/kg	4.7	0.31	1		08/11/11 16:52	67-66-3	
Chloromethane	ND	ug/kg	4.7	0.32	1		08/11/11 16:52	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	0.16	1		08/11/11 16:52	124-48-1	
Dibromomethane	ND	ug/kg	4.7	0.33	1		08/11/11 16:52	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.7	0.65	1		08/11/11 16:52	75-71-8	
Ethylbenzene	ND	ug/kg	4.7	0.60	1		08/11/11 16:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	0.47	1		08/11/11 16:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	0.55	1		08/11/11 16:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.7	0.39	1		08/11/11 16:52	1634-04-4	
Methylene chloride	ND	ug/kg	15.7	4.2	1		08/11/11 16:52	75-09-2	
Naphthalene	1.1J	ug/kg	4.7	0.86	1		08/11/11 16:52	91-20-3	B
Styrene	ND	ug/kg	4.7	0.45	1		08/11/11 16:52	100-42-5	
Tetrachloroethene	ND	ug/kg	4.7	0.60	1		08/11/11 16:52	127-18-4	
Toluene	ND	ug/kg	4.7	0.49	1		08/11/11 16:52	108-88-3	
Trichloroethene	ND	ug/kg	4.7	0.33	1		08/11/11 16:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	0.36	1		08/11/11 16:52	75-69-4	
Vinyl chloride	ND	ug/kg	4.7	0.44	1		08/11/11 16:52	75-01-4	
Xylene (Total)	ND	ug/kg	14.2	1.2	1		08/11/11 16:52	1330-20-7	
cis-1,2-Dichloroethene	0.50J	ug/kg	4.7	0.33	1		08/11/11 16:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	0.21	1		08/11/11 16:52	10061-01-5	
m&p-Xylene	ND	ug/kg	9.4	1.2	1		08/11/11 16:52	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.7	0.72	1		08/11/11 16:52	104-51-8	
n-Propylbenzene	ND	ug/kg	4.7	0.55	1		08/11/11 16:52	103-65-1	
o-Xylene	ND	ug/kg	4.7	0.51	1		08/11/11 16:52	95-47-6	
p-Isopropyltoluene	0.69J	ug/kg	4.7	0.61	1		08/11/11 16:52	99-87-6	B
sec-Butylbenzene	ND	ug/kg	4.7	0.66	1		08/11/11 16:52	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.7	0.41	1		08/11/11 16:52	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.7	0.54	1		08/11/11 16:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	0.47	1		08/11/11 16:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	0.33	1		08/11/11 16:52	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		72-129		1		08/11/11 16:52	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/11/11 16:52	2037-26-5	
4-Bromofluorobenzene (S)	103 %		67-142		1		08/11/11 16:52	460-00-4	
1,2-Dichloroethane-d4 (S)	107 %		67-136		1		08/11/11 16:52	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	36.4 %	0.10	0.10	1	08/04/11 16:10
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_17 14-16 Lab ID: 258703004 Collected: 08/02/11 10:10 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	71.0	mg/kg	10.3	1.5	5	08/03/11 15:20	08/18/11 12:04	7440-38-2	
Cadmium	ND	mg/kg	5.2	0.057	5	08/03/11 15:20	08/18/11 12:04	7440-43-9	
Lead	9.4	mg/kg	1.0	0.065	1	08/03/11 15:20	08/18/11 13:46	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.012J	mg/kg	0.094	0.0020	1	08/06/11 17:03	08/08/11 19:02	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	439	139	1	08/09/11 17:20	08/15/11 15:12	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	52	%	26-135		1	08/09/11 17:20	08/15/11 15:12	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	0.17	1		08/07/11 14:04	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	0.22	1		08/07/11 14:04	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	0.33	1		08/07/11 14:04	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	0.33	1		08/07/11 14:04	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	0.48	1		08/07/11 14:04	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	0.28	1		08/07/11 14:04	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	0.44	1		08/07/11 14:04	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.6	0.42	1		08/07/11 14:04	563-58-6	
1,2,3-Trichlorobenzene	0.37J	ug/kg	3.6	0.33	1		08/07/11 14:04	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	0.41	1		08/07/11 14:04	96-18-4	
1,2,4-Trichlorobenzene	0.45J	ug/kg	3.6	0.29	1		08/07/11 14:04	120-82-1	B
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	0.62	1		08/07/11 14:04	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	0.47	1		08/07/11 14:04	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	0.25	1		08/07/11 14:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		08/07/11 14:04	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	0.26	1		08/07/11 14:04	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.2	0.44	1		08/07/11 14:04	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/07/11 14:04	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.38	1		08/07/11 14:04	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		08/07/11 14:04	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.33	1		08/07/11 14:04	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		08/07/11 14:04	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/07/11 14:04	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.9	1.8	1		08/07/11 14:04	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	0.38	1		08/07/11 14:04	95-49-8	
2-Hexanone	ND	ug/kg	11.9	0.43	1		08/07/11 14:04	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		08/07/11 14:04	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.9	0.36	1		08/07/11 14:04	108-10-1	
Acetone	29.9	ug/kg	11.9	1.3	1		08/07/11 14:04	67-64-1	1n,B
Benzene	0.31J	ug/kg	3.6	0.18	1		08/07/11 14:04	71-43-2	B
Bromobenzene	ND	ug/kg	3.6	0.28	1		08/07/11 14:04	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.26	1		08/07/11 14:04	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_17_14-16 Lab ID: 258703004 Collected: 08/02/11 10:10 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		08/07/11 14:04	75-27-4	
Bromoform	ND	ug/kg	3.6	0.28	1		08/07/11 14:04	75-25-2	
Bromomethane	ND	ug/kg	3.6	0.38	1		08/07/11 14:04	74-83-9	
Carbon disulfide	1.3J	ug/kg	3.6	0.33	1		08/07/11 14:04	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.6	0.22	1		08/07/11 14:04	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		08/07/11 14:04	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.35	1		08/07/11 14:04	75-00-3	
Chloroform	ND	ug/kg	3.6	0.23	1		08/07/11 14:04	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.25	1		08/07/11 14:04	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		08/07/11 14:04	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		08/07/11 14:04	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.50	1		08/07/11 14:04	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.45	1		08/07/11 14:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.35	1		08/07/11 14:04	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.41	1		08/07/11 14:04	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		08/07/11 14:04	1634-04-4	
Methylene chloride	ND	ug/kg	11.9	3.2	1		08/07/11 14:04	75-09-2	
Naphthalene	ND	ug/kg	3.6	0.65	1		08/07/11 14:04	91-20-3	
Styrene	ND	ug/kg	3.6	0.34	1		08/07/11 14:04	100-42-5	
Tetrachloroethene	0.77J	ug/kg	3.6	0.46	1		08/07/11 14:04	127-18-4	B
Toluene	ND	ug/kg	3.6	0.37	1		08/07/11 14:04	108-88-3	
Trichloroethene	ND	ug/kg	3.6	0.25	1		08/07/11 14:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	0.27	1		08/07/11 14:04	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.33	1		08/07/11 14:04	75-01-4	
Xylene (Total)	ND	ug/kg	10.8	0.89	1		08/07/11 14:04	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	0.25	1		08/07/11 14:04	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.16	1		08/07/11 14:04	10061-01-5	
m&p-Xylene	ND	ug/kg	7.2	0.89	1		08/07/11 14:04	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	0.55	1		08/07/11 14:04	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	0.42	1		08/07/11 14:04	103-65-1	
o-Xylene	ND	ug/kg	3.6	0.39	1		08/07/11 14:04	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	0.46	1		08/07/11 14:04	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.50	1		08/07/11 14:04	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	0.31	1		08/07/11 14:04	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.41	1		08/07/11 14:04	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	0.36	1		08/07/11 14:04	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		08/07/11 14:04	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		72-129		1		08/07/11 14:04	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/07/11 14:04	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/07/11 14:04	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/07/11 14:04	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	25.4 %	0.10	0.10	1	08/04/11 16:11
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_24_3-4 Lab ID: 258703005 Collected: 08/02/11 10:45 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2550	mg/kg	13.7	2.0	5	08/03/11 15:20	08/18/11 12:08	7440-38-2	
Cadmium	ND	mg/kg	6.9	0.076	5	08/03/11 15:20	08/18/11 12:08	7440-43-9	
Lead	2800	mg/kg	6.9	0.43	5	08/03/11 15:20	08/18/11 12:08	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	2.0	mg/kg	0.28	0.0060	2	08/06/11 17:03	08/14/11 12:44	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	554	175	1	08/09/11 17:20	08/15/11 20:30	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	71	%	26-135		1	08/09/11 17:20	08/15/11 20:30	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	0.24	1		08/07/11 14:21	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.0	0.30	1		08/07/11 14:21	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	0.46	1		08/07/11 14:21	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.0	0.46	1		08/07/11 14:21	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.0	0.67	1		08/07/11 14:21	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.0	0.39	1		08/07/11 14:21	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.0	0.62	1		08/07/11 14:21	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.0	0.58	1		08/07/11 14:21	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	0.46	1		08/07/11 14:21	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.0	0.57	1		08/07/11 14:21	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	0.40	1		08/07/11 14:21	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	0.86	1		08/07/11 14:21	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.3	0.65	1		08/07/11 14:21	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	0.35	1		08/07/11 14:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.0	0.41	1		08/07/11 14:21	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.0	0.37	1		08/07/11 14:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10	0.62	1		08/07/11 14:21	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.0	0.30	1		08/07/11 14:21	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	0.53	1		08/07/11 14:21	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.0	0.32	1		08/07/11 14:21	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.0	0.46	1		08/07/11 14:21	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.0	0.40	1		08/07/11 14:21	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.0	0.31	1		08/07/11 14:21	594-20-7	
2-Butanone (MEK)	ND	ug/kg	16.6	2.5	1		08/07/11 14:21	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.0	0.52	1		08/07/11 14:21	95-49-8	
2-Hexanone	ND	ug/kg	16.6	0.60	1		08/07/11 14:21	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.0	0.44	1		08/07/11 14:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.6	0.50	1		08/07/11 14:21	108-10-1	
Acetone	35.0	ug/kg	16.6	1.8	1		08/07/11 14:21	67-64-1	1n,B
Benzene	0.63J	ug/kg	5.0	0.25	1		08/07/11 14:21	71-43-2	B
Bromobenzene	ND	ug/kg	5.0	0.39	1		08/07/11 14:21	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	0.37	1		08/07/11 14:21	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_24_3-4 Lab ID: 258703005 Collected: 08/02/11 10:45 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	5.0	0.20	1		08/07/11 14:21	75-27-4	
Bromoform	ND	ug/kg	5.0	0.38	1		08/07/11 14:21	75-25-2	
Bromomethane	ND	ug/kg	5.0	0.53	1		08/07/11 14:21	74-83-9	
Carbon disulfide	1.5J	ug/kg	5.0	0.46	1		08/07/11 14:21	75-15-0	B
Carbon tetrachloride	ND	ug/kg	5.0	0.30	1		08/07/11 14:21	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	0.30	1		08/07/11 14:21	108-90-7	
Chloroethane	ND	ug/kg	5.0	0.48	1		08/07/11 14:21	75-00-3	
Chloroform	ND	ug/kg	5.0	0.32	1		08/07/11 14:21	67-66-3	
Chloromethane	ND	ug/kg	5.0	0.34	1		08/07/11 14:21	74-87-3	
Dibromochloromethane	ND	ug/kg	5.0	0.17	1		08/07/11 14:21	124-48-1	
Dibromomethane	ND	ug/kg	5.0	0.35	1		08/07/11 14:21	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.0	0.69	1		08/07/11 14:21	75-71-8	
Ethylbenzene	ND	ug/kg	5.0	0.63	1		08/07/11 14:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	0.49	1		08/07/11 14:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	0.58	1		08/07/11 14:21	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.0	0.41	1		08/07/11 14:21	1634-04-4	
Methylene chloride	ND	ug/kg	16.6	4.4	1		08/07/11 14:21	75-09-2	
Naphthalene	ND	ug/kg	5.0	0.91	1		08/07/11 14:21	91-20-3	
Styrene	ND	ug/kg	5.0	0.48	1		08/07/11 14:21	100-42-5	
Tetrachloroethene	ND	ug/kg	5.0	0.63	1		08/07/11 14:21	127-18-4	
Toluene	2.1J	ug/kg	5.0	0.51	1		08/07/11 14:21	108-88-3	
Trichloroethene	ND	ug/kg	5.0	0.35	1		08/07/11 14:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	0.38	1		08/07/11 14:21	75-69-4	
Vinyl chloride	ND	ug/kg	5.0	0.46	1		08/07/11 14:21	75-01-4	
Xylene (Total)	ND	ug/kg	14.9	1.2	1		08/07/11 14:21	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	0.35	1		08/07/11 14:21	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	0.22	1		08/07/11 14:21	10061-01-5	
m&p-Xylene	ND	ug/kg	10	1.2	1		08/07/11 14:21	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.0	0.76	1		08/07/11 14:21	104-51-8	
n-Propylbenzene	ND	ug/kg	5.0	0.58	1		08/07/11 14:21	103-65-1	
o-Xylene	ND	ug/kg	5.0	0.54	1		08/07/11 14:21	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.0	0.64	1		08/07/11 14:21	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.0	0.69	1		08/07/11 14:21	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.0	0.43	1		08/07/11 14:21	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.0	0.57	1		08/07/11 14:21	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	0.50	1		08/07/11 14:21	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	0.35	1		08/07/11 14:21	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/07/11 14:21	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/07/11 14:21	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/07/11 14:21	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		67-136		1		08/07/11 14:21	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **42.3 %** 0.10 0.10 1 08/04/11 16:12

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_24_4-5 Lab ID: 258703006 Collected: 08/02/11 10:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1130	mg/kg	2.3	0.35	1	08/03/11 15:20	08/18/11 13:53	7440-38-2	
Cadmium	ND	mg/kg	1.2	0.013	1	08/03/11 15:20	08/18/11 13:53	7440-43-9	
Lead	103	mg/kg	1.2	0.074	1	08/03/11 15:20	08/18/11 13:53	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.023J	mg/kg	0.15	0.0032	1	08/06/11 17:03	08/08/11 19:06	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	556	176	1	08/09/11 17:20	08/15/11 15:34	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	55	%	26-135		1	08/09/11 17:20	08/15/11 15:34	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	0.26	1		08/07/11 14:38	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.3	0.32	1		08/07/11 14:38	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	0.49	1		08/07/11 14:38	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.3	0.49	1		08/07/11 14:38	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.3	0.71	1		08/07/11 14:38	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.3	0.42	1		08/07/11 14:38	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.3	0.66	1		08/07/11 14:38	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.3	0.62	1		08/07/11 14:38	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	0.49	1		08/07/11 14:38	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.3	0.61	1		08/07/11 14:38	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	0.43	1		08/07/11 14:38	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	0.92	1		08/07/11 14:38	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.9	0.69	1		08/07/11 14:38	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	0.37	1		08/07/11 14:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.3	0.44	1		08/07/11 14:38	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.3	0.39	1		08/07/11 14:38	107-06-2	
1,2-Dichloroethene (Total)	6.0J	ug/kg	10.6	0.66	1		08/07/11 14:38	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.3	0.32	1		08/07/11 14:38	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	0.57	1		08/07/11 14:38	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.3	0.34	1		08/07/11 14:38	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.3	0.49	1		08/07/11 14:38	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.3	0.43	1		08/07/11 14:38	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.3	0.33	1		08/07/11 14:38	594-20-7	
2-Butanone (MEK)	ND	ug/kg	17.7	2.7	1		08/07/11 14:38	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.3	0.56	1		08/07/11 14:38	95-49-8	
2-Hexanone	ND	ug/kg	17.7	0.64	1		08/07/11 14:38	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.3	0.47	1		08/07/11 14:38	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.7	0.54	1		08/07/11 14:38	108-10-1	
Acetone	63.2	ug/kg	17.7	1.9	1		08/07/11 14:38	67-64-1	1n,B
Benzene	0.48J	ug/kg	5.3	0.27	1		08/07/11 14:38	71-43-2	B
Bromobenzene	ND	ug/kg	5.3	0.42	1		08/07/11 14:38	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	0.39	1		08/07/11 14:38	74-97-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_24_4-5 Lab ID: 258703006 Collected: 08/02/11 10:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromodichloromethane	ND	ug/kg	5.3	0.21	1		08/07/11 14:38	75-27-4	
Bromoform	ND	ug/kg	5.3	0.41	1		08/07/11 14:38	75-25-2	
Bromomethane	ND	ug/kg	5.3	0.56	1		08/07/11 14:38	74-83-9	
Carbon disulfide	6.0	ug/kg	5.3	0.49	1		08/07/11 14:38	75-15-0	B
Carbon tetrachloride	ND	ug/kg	5.3	0.32	1		08/07/11 14:38	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	0.32	1		08/07/11 14:38	108-90-7	
Chloroethane	ND	ug/kg	5.3	0.51	1		08/07/11 14:38	75-00-3	
Chloroform	ND	ug/kg	5.3	0.34	1		08/07/11 14:38	67-66-3	
Chloromethane	ND	ug/kg	5.3	0.37	1		08/07/11 14:38	74-87-3	
Dibromochloromethane	ND	ug/kg	5.3	0.18	1		08/07/11 14:38	124-48-1	
Dibromomethane	ND	ug/kg	5.3	0.37	1		08/07/11 14:38	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.3	0.74	1		08/07/11 14:38	75-71-8	
Ethylbenzene	ND	ug/kg	5.3	0.67	1		08/07/11 14:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	0.53	1		08/07/11 14:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	0.61	1		08/07/11 14:38	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.3	0.44	1		08/07/11 14:38	1634-04-4	
Methylene chloride	ND	ug/kg	17.7	4.7	1		08/07/11 14:38	75-09-2	
Naphthalene	ND	ug/kg	5.3	0.97	1		08/07/11 14:38	91-20-3	
Styrene	ND	ug/kg	5.3	0.51	1		08/07/11 14:38	100-42-5	
Tetrachloroethene	ND	ug/kg	5.3	0.68	1		08/07/11 14:38	127-18-4	
Toluene	ND	ug/kg	5.3	0.55	1		08/07/11 14:38	108-88-3	
Trichloroethene	ND	ug/kg	5.3	0.37	1		08/07/11 14:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	0.41	1		08/07/11 14:38	75-69-4	
Vinyl chloride	ND	ug/kg	5.3	0.50	1		08/07/11 14:38	75-01-4	
Xylene (Total)	ND	ug/kg	16.0	1.3	1		08/07/11 14:38	1330-20-7	
cis-1,2-Dichloroethene	6.0	ug/kg	5.3	0.37	1		08/07/11 14:38	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	0.23	1		08/07/11 14:38	10061-01-5	
m&p-Xylene	ND	ug/kg	10.6	1.3	1		08/07/11 14:38	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.3	0.81	1		08/07/11 14:38	104-51-8	
n-Propylbenzene	ND	ug/kg	5.3	0.62	1		08/07/11 14:38	103-65-1	
o-Xylene	ND	ug/kg	5.3	0.58	1		08/07/11 14:38	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.3	0.68	1		08/07/11 14:38	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.3	0.74	1		08/07/11 14:38	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.3	0.46	1		08/07/11 14:38	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.3	0.61	1		08/07/11 14:38	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	0.53	1		08/07/11 14:38	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	0.37	1		08/07/11 14:38	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/07/11 14:38	1868-53-7	
Toluene-d8 (S)	101 %		69-133		1		08/07/11 14:38	2037-26-5	
4-Bromofluorobenzene (S)	106 %		67-142		1		08/07/11 14:38	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/07/11 14:38	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	41.4 %	0.10	0.10	1	08/04/11 16:12
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_26 10-12 Lab ID: 258703007 Collected: 08/02/11 10:20 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	24.1	12.0	1	08/08/11 12:05	08/08/11 21:13		
Motor Oil Range SG	ND	mg/kg	96.3	48.2	1	08/08/11 12:05	08/08/11 21:13	64742-65-0	
Surrogates									
n-Octacosane (S) SG	78 %		50-150		1	08/08/11 12:05	08/08/11 21:13	630-02-4	
o-Terphenyl (S) SG	77 %		50-150		1	08/08/11 12:05	08/08/11 21:13	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	11.3J	mg/kg	12.1	0.48	1	08/04/11 11:46	08/05/11 00:48		
Surrogates									
a,a,a-Trifluorotoluene (S)	116 %		50-150		1	08/04/11 11:46	08/05/11 00:48	98-08-8	
4-Bromofluorobenzene (S)	106 %		50-150		1	08/04/11 11:46	08/05/11 00:48	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2020	mg/kg	15.1	2.3	5	08/03/11 15:20	08/18/11 12:22	7440-38-2	
Cadmium	ND	mg/kg	7.6	0.083	5	08/03/11 15:20	08/18/11 12:22	7440-43-9	
Lead	7920	mg/kg	7.6	0.48	5	08/03/11 15:20	08/18/11 12:22	7439-92-1	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.63	mg/kg	0.12	0.0024	1	08/06/11 17:03	08/08/11 19:09	7439-97-6	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	504	160	1	08/09/11 17:20	08/15/11 15:57	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	59 %		26-135		1	08/09/11 17:20	08/15/11 15:57	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	0.21	1		08/07/11 14:55	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.4	0.27	1		08/07/11 14:55	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	0.41	1		08/07/11 14:55	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.4	0.41	1		08/07/11 14:55	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	0.59	1		08/07/11 14:55	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.4	0.35	1		08/07/11 14:55	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.4	0.54	1		08/07/11 14:55	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.4	0.51	1		08/07/11 14:55	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	0.41	1		08/07/11 14:55	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.4	0.50	1		08/07/11 14:55	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	0.36	1		08/07/11 14:55	120-82-1	
1,2,4-Trimethylbenzene	1.6J	ug/kg	4.4	0.76	1		08/07/11 14:55	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	0.57	1		08/07/11 14:55	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	0.31	1		08/07/11 14:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	0.36	1		08/07/11 14:55	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.4	0.32	1		08/07/11 14:55	107-06-2	
1,2-Dichloroethene (Total)	8.2J	ug/kg	8.8	0.54	1		08/07/11 14:55	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.4	0.26	1		08/07/11 14:55	78-87-5	
1,3,5-Trimethylbenzene	0.89J	ug/kg	4.4	0.47	1		08/07/11 14:55	108-67-8	

Date: 04/19/2012 09:50 AM

REPORT OF LABORATORY ANALYSIS

Page 21 of 109

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_26 10-12 Lab ID: 258703007 Collected: 08/02/11 10:20 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/kg	4.4	0.28	1		08/07/11 14:55	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.4	0.41	1		08/07/11 14:55	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.4	0.35	1		08/07/11 14:55	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.4	0.27	1		08/07/11 14:55	594-20-7	
2-Butanone (MEK)	16.0	ug/kg	14.6	2.2	1		08/07/11 14:55	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.4	0.46	1		08/07/11 14:55	95-49-8	
2-Hexanone	ND	ug/kg	14.6	0.53	1		08/07/11 14:55	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.4	0.39	1		08/07/11 14:55	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.6	0.44	1		08/07/11 14:55	108-10-1	
Acetone	88.1	ug/kg	14.6	1.6	1		08/07/11 14:55	67-64-1	1n,B
Benzene	ND	ug/kg	4.4	0.22	1		08/07/11 14:55	71-43-2	
Bromobenzene	ND	ug/kg	4.4	0.34	1		08/07/11 14:55	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	0.32	1		08/07/11 14:55	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	0.17	1		08/07/11 14:55	75-27-4	
Bromoform	ND	ug/kg	4.4	0.34	1		08/07/11 14:55	75-25-2	
Bromomethane	ND	ug/kg	4.4	0.46	1		08/07/11 14:55	74-83-9	
Carbon disulfide	5.9	ug/kg	4.4	0.41	1		08/07/11 14:55	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.4	0.27	1		08/07/11 14:55	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	0.27	1		08/07/11 14:55	108-90-7	
Chloroethane	ND	ug/kg	4.4	0.42	1		08/07/11 14:55	75-00-3	
Chloroform	ND	ug/kg	4.4	0.28	1		08/07/11 14:55	67-66-3	
Chloromethane	ND	ug/kg	4.4	0.30	1		08/07/11 14:55	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	0.15	1		08/07/11 14:55	124-48-1	
Dibromomethane	ND	ug/kg	4.4	0.30	1		08/07/11 14:55	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.4	0.61	1		08/07/11 14:55	75-71-8	
Ethylbenzene	ND	ug/kg	4.4	0.55	1		08/07/11 14:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	0.43	1		08/07/11 14:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	0.51	1		08/07/11 14:55	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	0.37	1		08/07/11 14:55	1634-04-4	
Methylene chloride	ND	ug/kg	14.6	3.9	1		08/07/11 14:55	75-09-2	
Naphthalene	ND	ug/kg	4.4	0.80	1		08/07/11 14:55	91-20-3	
Styrene	ND	ug/kg	4.4	0.42	1		08/07/11 14:55	100-42-5	
Tetrachloroethene	ND	ug/kg	4.4	0.56	1		08/07/11 14:55	127-18-4	
Toluene	0.78J	ug/kg	4.4	0.45	1		08/07/11 14:55	108-88-3	
Trichloroethene	ND	ug/kg	4.4	0.31	1		08/07/11 14:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	0.33	1		08/07/11 14:55	75-69-4	
Vinyl chloride	ND	ug/kg	4.4	0.41	1		08/07/11 14:55	75-01-4	
Xylene (Total)	ND	ug/kg	13.2	1.1	1		08/07/11 14:55	1330-20-7	
cis-1,2-Dichloroethene	7.2	ug/kg	4.4	0.31	1		08/07/11 14:55	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	0.19	1		08/07/11 14:55	10061-01-5	
m&p-Xylene	ND	ug/kg	8.8	1.1	1		08/07/11 14:55	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.4	0.67	1		08/07/11 14:55	104-51-8	
n-Propylbenzene	ND	ug/kg	4.4	0.51	1		08/07/11 14:55	103-65-1	
o-Xylene	ND	ug/kg	4.4	0.48	1		08/07/11 14:55	95-47-6	
p-Isopropyltoluene	5.5	ug/kg	4.4	0.56	1		08/07/11 14:55	99-87-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_26 10-12 **Lab ID: 258703007** Collected: 08/02/11 10:20 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/kg	4.4	0.61	1		08/07/11 14:55	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.4	0.38	1		08/07/11 14:55	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.4	0.50	1		08/07/11 14:55	98-06-6	
trans-1,2-Dichloroethene	0.98J	ug/kg	4.4	0.44	1		08/07/11 14:55	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	0.31	1		08/07/11 14:55	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/07/11 14:55	1868-53-7	
Toluene-d8 (S)	100 %		69-133		1		08/07/11 14:55	2037-26-5	
4-Bromofluorobenzene (S)	105 %		67-142		1		08/07/11 14:55	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/07/11 14:55	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.1	%	0.10	0.10	1		08/04/11 16:13		

Sample: SUP_SL_26 12-14 **Lab ID: 258703008** Collected: 08/02/11 10:25 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	21.1	10.6	1	08/08/11 12:05	08/08/11 21:29		
Motor Oil Range SG	ND	mg/kg	84.4	42.2	1	08/08/11 12:05	08/08/11 21:29	64742-65-0	
Surrogates									
n-Octacosane (S) SG	89 %		50-150		1	08/08/11 12:05	08/08/11 21:29	630-02-4	
o-Terphenyl (S) SG	84 %		50-150		1	08/08/11 12:05	08/08/11 21:29	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.4J	mg/kg	8.6	0.34	1	08/04/11 11:46	08/05/11 01:12		
Surrogates									
a,a,a-Trifluorotoluene (S)	114 %		50-150		1	08/04/11 11:46	08/05/11 01:12	98-08-8	
4-Bromofluorobenzene (S)	94 %		50-150		1	08/04/11 11:46	08/05/11 01:12	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	375	mg/kg	2.0	0.29	1	08/03/11 15:20	08/18/11 14:00	7440-38-2	
Cadmium	ND	mg/kg	0.98	0.011	1	08/03/11 15:20	08/18/11 14:00	7440-43-9	
Lead	773	mg/kg	0.98	0.062	1	08/03/11 15:20	08/18/11 14:00	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.020J	mg/kg	0.094	0.0020	1	08/06/11 17:03	08/08/11 19:11	7439-97-6	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	436	138	1	08/09/11 17:20	08/15/11 16:20	87-86-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_26 12-14 Lab ID: 258703008 Collected: 08/02/11 10:25 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
2,4,6-Tribromophenol (S)	62 %		26-135		1	08/09/11 17:20	08/15/11 16:20	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		11.1	0.54	1		08/07/11 15:12	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		11.1	0.68	1		08/07/11 15:12	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		11.1	1.0	1		08/07/11 15:12	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		11.1	1.0	1		08/07/11 15:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		11.1	1.5	1		08/07/11 15:12	76-13-1	
1,1-Dichloroethane	ND ug/kg		11.1	0.88	1		08/07/11 15:12	75-34-3	
1,1-Dichloroethene	ND ug/kg		11.1	1.4	1		08/07/11 15:12	75-35-4	
1,1-Dichloropropene	ND ug/kg		11.1	1.3	1		08/07/11 15:12	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		11.1	1.0	1		08/07/11 15:12	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		11.1	1.3	1		08/07/11 15:12	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		11.1	0.90	1		08/07/11 15:12	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		11.1	1.9	1		08/07/11 15:12	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/kg		18.6	1.4	1		08/07/11 15:12	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/kg		11.1	0.78	1		08/07/11 15:12	106-93-4	
1,2-Dichlorobenzene	ND ug/kg		11.1	0.91	1		08/07/11 15:12	95-50-1	
1,2-Dichloroethane	ND ug/kg		11.1	0.82	1		08/07/11 15:12	107-06-2	
1,2-Dichloroethene (Total)	10.7J ug/kg		22.3	1.4	1		08/07/11 15:12	540-59-0	
1,2-Dichloropropane	ND ug/kg		11.1	0.67	1		08/07/11 15:12	78-87-5	
1,3,5-Trimethylbenzene	ND ug/kg		11.1	1.2	1		08/07/11 15:12	108-67-8	
1,3-Dichlorobenzene	ND ug/kg		11.1	0.71	1		08/07/11 15:12	541-73-1	
1,3-Dichloropropane	ND ug/kg		11.1	1.0	1		08/07/11 15:12	142-28-9	
1,4-Dichlorobenzene	ND ug/kg		11.1	0.89	1		08/07/11 15:12	106-46-7	
2,2-Dichloropropane	ND ug/kg		11.1	0.69	1		08/07/11 15:12	594-20-7	
2-Butanone (MEK)	ND ug/kg		37.1	5.6	1		08/07/11 15:12	78-93-3	
2-Chlorotoluene	ND ug/kg		11.1	1.2	1		08/07/11 15:12	95-49-8	
2-Hexanone	ND ug/kg		37.1	1.3	1		08/07/11 15:12	591-78-6	
4-Chlorotoluene	ND ug/kg		11.1	0.99	1		08/07/11 15:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		37.1	1.1	1		08/07/11 15:12	108-10-1	
Acetone	176 ug/kg		37.1	4.1	1		08/07/11 15:12	67-64-1	1n,B
Benzene	1.4J ug/kg		11.1	0.56	1		08/07/11 15:12	71-43-2	B
Bromobenzene	ND ug/kg		11.1	0.87	1		08/07/11 15:12	108-86-1	
Bromochloromethane	ND ug/kg		11.1	0.82	1		08/07/11 15:12	74-97-5	
Bromodichloromethane	ND ug/kg		11.1	0.44	1		08/07/11 15:12	75-27-4	
Bromoform	ND ug/kg		11.1	0.86	1		08/07/11 15:12	75-25-2	
Bromomethane	ND ug/kg		11.1	1.2	1		08/07/11 15:12	74-83-9	
Carbon disulfide	13.5 ug/kg		11.1	1.0	1		08/07/11 15:12	75-15-0	B
Carbon tetrachloride	ND ug/kg		11.1	0.67	1		08/07/11 15:12	56-23-5	
Chlorobenzene	ND ug/kg		11.1	0.68	1		08/07/11 15:12	108-90-7	
Chloroethane	ND ug/kg		11.1	1.1	1		08/07/11 15:12	75-00-3	
Chloroform	ND ug/kg		11.1	0.72	1		08/07/11 15:12	67-66-3	
Chloromethane	ND ug/kg		11.1	0.76	1		08/07/11 15:12	74-87-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_26 12-14 Lab ID: 258703008 Collected: 08/02/11 10:25 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/kg	11.1	0.37	1		08/07/11 15:12	124-48-1	
Dibromomethane	ND	ug/kg	11.1	0.77	1		08/07/11 15:12	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	11.1	1.5	1		08/07/11 15:12	75-71-8	
Ethylbenzene	ND	ug/kg	11.1	1.4	1		08/07/11 15:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	11.1	1.1	1		08/07/11 15:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	11.1	1.3	1		08/07/11 15:12	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	11.1	0.93	1		08/07/11 15:12	1634-04-4	
Methylene chloride	ND	ug/kg	37.1	9.8	1		08/07/11 15:12	75-09-2	
Naphthalene	ND	ug/kg	11.1	2.0	1		08/07/11 15:12	91-20-3	
Styrene	ND	ug/kg	11.1	1.1	1		08/07/11 15:12	100-42-5	
Tetrachloroethene	1.5J	ug/kg	11.1	1.4	1		08/07/11 15:12	127-18-4	B
Toluene	1.7J	ug/kg	11.1	1.1	1		08/07/11 15:12	108-88-3	
Trichloroethene	ND	ug/kg	11.1	0.78	1		08/07/11 15:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.1	0.85	1		08/07/11 15:12	75-69-4	
Vinyl chloride	ND	ug/kg	11.1	1.0	1		08/07/11 15:12	75-01-4	
Xylene (Total)	ND	ug/kg	33.4	2.8	1		08/07/11 15:12	1330-20-7	
cis-1,2-Dichloroethene	10.7J	ug/kg	11.1	0.77	1		08/07/11 15:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	11.1	0.48	1		08/07/11 15:12	10061-01-5	
m&p-Xylene	ND	ug/kg	22.3	2.8	1		08/07/11 15:12	179601-23-1	
n-Butylbenzene	ND	ug/kg	11.1	1.7	1		08/07/11 15:12	104-51-8	
n-Propylbenzene	ND	ug/kg	11.1	1.3	1		08/07/11 15:12	103-65-1	
o-Xylene	ND	ug/kg	11.1	1.2	1		08/07/11 15:12	95-47-6	
p-Isopropyltoluene	ND	ug/kg	11.1	1.4	1		08/07/11 15:12	99-87-6	
sec-Butylbenzene	ND	ug/kg	11.1	1.6	1		08/07/11 15:12	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	11.1	0.96	1		08/07/11 15:12	994-05-8	
tert-Butylbenzene	ND	ug/kg	11.1	1.3	1		08/07/11 15:12	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	11.1	1.1	1		08/07/11 15:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.1	0.78	1		08/07/11 15:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/07/11 15:12	1868-53-7	
Toluene-d8 (S)	101 %		69-133		1		08/07/11 15:12	2037-26-5	
4-Bromofluorobenzene (S)	106 %		67-142		1		08/07/11 15:12	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/07/11 15:12	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.5 %		0.10	0.10	1		08/04/11 16:14		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_26 14-16 Lab ID: 258703009 Collected: 08/02/11 10:30 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	19.3	9.6	1	08/08/11 12:05	08/08/11 21:45		
Motor Oil Range SG	ND	mg/kg	77.0	38.5	1	08/08/11 12:05	08/08/11 21:45	64742-65-0	
Surrogates									
n-Octacosane (S) SG	95 %		50-150		1	08/08/11 12:05	08/08/11 21:45	630-02-4	
o-Terphenyl (S) SG	90 %		50-150		1	08/08/11 12:05	08/08/11 21:45	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.87J	mg/kg	6.8	0.27	1	08/04/11 11:46	08/05/11 01:35		
Surrogates									
a,a,a-Trifluorotoluene (S)	113 %		50-150		1	08/04/11 11:46	08/05/11 01:35	98-08-8	
4-Bromofluorobenzene (S)	91 %		50-150		1	08/04/11 11:46	08/05/11 01:35	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	323	mg/kg	2.2	0.33	1	08/03/11 15:20	08/18/11 14:04	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	08/03/11 15:20	08/18/11 14:04	7440-43-9	
Lead	188	mg/kg	1.1	0.070	1	08/03/11 15:20	08/18/11 14:04	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.028J	mg/kg	0.098	0.0021	1	08/06/11 17:03	08/08/11 19:13	7439-97-6	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	410	130	1	08/09/11 17:20	08/15/11 13:18	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	68 %		26-135		1	08/09/11 17:20	08/15/11 13:18	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.16	1		08/11/11 17:12	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/11/11 17:12	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		08/11/11 17:12	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		08/11/11 17:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.45	1		08/11/11 17:12	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/11/11 17:12	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/11/11 17:12	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		08/11/11 17:12	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		08/11/11 17:12	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		08/11/11 17:12	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.27	1		08/11/11 17:12	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.58	1		08/11/11 17:12	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.44	1		08/11/11 17:12	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/11/11 17:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/11/11 17:12	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/11/11 17:12	107-06-2	
1,2-Dichloroethene (Total)	1.1J	ug/kg	6.8	0.42	1		08/11/11 17:12	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		08/11/11 17:12	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/11/11 17:12	108-67-8	

Date: 04/19/2012 09:50 AM

REPORT OF LABORATORY ANALYSIS

Page 26 of 109

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_26 14-16 Lab ID: 258703009 Collected: 08/02/11 10:30 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.21	1		08/11/11 17:12	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		08/11/11 17:12	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/11/11 17:12	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/11/11 17:12	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.3	1.7	1		08/11/11 17:12	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/11/11 17:12	95-49-8	
2-Hexanone	ND	ug/kg	11.3	0.41	1		08/11/11 17:12	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/11/11 17:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.3	0.34	1		08/11/11 17:12	108-10-1	
Acetone	13.6	ug/kg	11.3	1.2	1		08/11/11 17:12	67-64-1	1n
Benzene	0.47J	ug/kg	3.4	0.17	1		08/11/11 17:12	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.26	1		08/11/11 17:12	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/11/11 17:12	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/11/11 17:12	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/11/11 17:12	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/11/11 17:12	74-83-9	
Carbon disulfide	4.8	ug/kg	3.4	0.31	1		08/11/11 17:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.20	1		08/11/11 17:12	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/11/11 17:12	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/11/11 17:12	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/11/11 17:12	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		08/11/11 17:12	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		08/11/11 17:12	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/11/11 17:12	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		08/11/11 17:12	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		08/11/11 17:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		08/11/11 17:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		08/11/11 17:12	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		08/11/11 17:12	1634-04-4	
Methylene chloride	ND	ug/kg	11.3	3.0	1		08/11/11 17:12	75-09-2	
Naphthalene	0.96J	ug/kg	3.4	0.62	1		08/11/11 17:12	91-20-3	B
Styrene	ND	ug/kg	3.4	0.32	1		08/11/11 17:12	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		08/11/11 17:12	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		08/11/11 17:12	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		08/11/11 17:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/11/11 17:12	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		08/11/11 17:12	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	0.85	1		08/11/11 17:12	1330-20-7	
cis-1,2-Dichloroethene	1.1J	ug/kg	3.4	0.24	1		08/11/11 17:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/11/11 17:12	10061-01-5	
m&p-Xylene	ND	ug/kg	6.8	0.85	1		08/11/11 17:12	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		08/11/11 17:12	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		08/11/11 17:12	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/11/11 17:12	95-47-6	
p-Isopropyltoluene	0.54J	ug/kg	3.4	0.43	1		08/11/11 17:12	99-87-6	B

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_26 14-16 **Lab ID: 258703009** Collected: 08/02/11 10:30 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		08/11/11 17:12	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		08/11/11 17:12	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/11/11 17:12	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		08/11/11 17:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/11/11 17:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		72-129		1		08/11/11 17:12	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/11/11 17:12	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/11/11 17:12	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/11/11 17:12	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	19.6 %		0.10	0.10	1		08/04/11 16:15		

Sample: SUP_SL_48 1-2 **Lab ID: 258703010** Collected: 08/02/11 11:23 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	109	mg/kg	10.6	1.6	5	08/03/11 15:20	08/18/11 12:33	7440-38-2	
Cadmium	ND	mg/kg	5.3	0.058	5	08/03/11 15:20	08/18/11 12:33	7440-43-9	
Lead	73.9	mg/kg	1.1	0.067	1	08/03/11 15:20	08/18/11 14:08	7439-92-1	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	393	124	1	08/09/11 17:20	08/15/11 22:00	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	82 %		26-135		1	08/09/11 17:20	08/15/11 22:00	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.15	1		08/07/11 15:29	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.19	1		08/07/11 15:29	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.29	1		08/07/11 15:29	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.30	1		08/07/11 15:29	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.43	1		08/07/11 15:29	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.25	1		08/07/11 15:29	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.39	1		08/07/11 15:29	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.2	0.37	1		08/07/11 15:29	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.29	1		08/07/11 15:29	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.36	1		08/07/11 15:29	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		08/07/11 15:29	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.55	1		08/07/11 15:29	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	0.41	1		08/07/11 15:29	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 1-2 Lab ID: 258703010 Collected: 08/02/11 11:23 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.22	1		08/07/11 15:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		08/07/11 15:29	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.24	1		08/07/11 15:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.4	0.39	1		08/07/11 15:29	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.19	1		08/07/11 15:29	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		08/07/11 15:29	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.20	1		08/07/11 15:29	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.29	1		08/07/11 15:29	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.25	1		08/07/11 15:29	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		08/07/11 15:29	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.6	1.6	1		08/07/11 15:29	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.33	1		08/07/11 15:29	95-49-8	
2-Hexanone	ND	ug/kg	10.6	0.38	1		08/07/11 15:29	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.28	1		08/07/11 15:29	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.6	0.32	1		08/07/11 15:29	108-10-1	
Acetone	62.9	ug/kg	10.6	1.2	1		08/07/11 15:29	67-64-1	1n,B
Benzene	ND	ug/kg	3.2	0.16	1		08/07/11 15:29	71-43-2	
Bromobenzene	ND	ug/kg	3.2	0.25	1		08/07/11 15:29	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.23	1		08/07/11 15:29	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.12	1		08/07/11 15:29	75-27-4	
Bromoform	ND	ug/kg	3.2	0.25	1		08/07/11 15:29	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		08/07/11 15:29	74-83-9	
Carbon disulfide	2.1J	ug/kg	3.2	0.30	1		08/07/11 15:29	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.2	0.19	1		08/07/11 15:29	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.19	1		08/07/11 15:29	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.31	1		08/07/11 15:29	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		08/07/11 15:29	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		08/07/11 15:29	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		08/07/11 15:29	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.22	1		08/07/11 15:29	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.44	1		08/07/11 15:29	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.40	1		08/07/11 15:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.31	1		08/07/11 15:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		08/07/11 15:29	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.26	1		08/07/11 15:29	1634-04-4	
Methylene chloride	ND	ug/kg	10.6	2.8	1		08/07/11 15:29	75-09-2	
Naphthalene	ND	ug/kg	3.2	0.58	1		08/07/11 15:29	91-20-3	
Styrene	ND	ug/kg	3.2	0.30	1		08/07/11 15:29	100-42-5	
Tetrachloroethene	0.44J	ug/kg	3.2	0.41	1		08/07/11 15:29	127-18-4	B
Toluene	0.94J	ug/kg	3.2	0.33	1		08/07/11 15:29	108-88-3	
Trichloroethene	ND	ug/kg	3.2	0.22	1		08/07/11 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.24	1		08/07/11 15:29	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		08/07/11 15:29	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	0.79	1		08/07/11 15:29	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.22	1		08/07/11 15:29	156-59-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 1-2 **Lab ID:** 258703010 Collected: 08/02/11 11:23 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		08/07/11 15:29	10061-01-5	
m&p-Xylene	ND	ug/kg	6.4	0.79	1		08/07/11 15:29	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.2	0.48	1		08/07/11 15:29	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.37	1		08/07/11 15:29	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.34	1		08/07/11 15:29	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.2	0.41	1		08/07/11 15:29	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.44	1		08/07/11 15:29	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.27	1		08/07/11 15:29	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.37	1		08/07/11 15:29	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		08/07/11 15:29	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.22	1		08/07/11 15:29	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/07/11 15:29	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/07/11 15:29	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/07/11 15:29	460-00-4	
1,2-Dichloroethane-d4 (S)	115 %		67-136		1		08/07/11 15:29	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.6 %		0.10	0.10	1		08/04/11 16:16		

Sample: SUP_SL_48 2-4 **Lab ID:** 258703011 Collected: 08/02/11 11:30 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	81.0	mg/kg	14.2	2.1	5	08/03/11 15:20	08/18/11 12:37	7440-38-2	
Cadmium	ND	mg/kg	7.1	0.078	5	08/03/11 15:20	08/18/11 12:37	7440-43-9	
Lead	46.8	mg/kg	1.4	0.089	1	08/03/11 15:20	08/18/11 14:11	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	464	147	1	08/09/11 17:20	08/15/11 16:42	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	74 %		26-135		1	08/09/11 17:20	08/15/11 16:42	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	0.22	1		08/07/11 16:53	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.5	0.27	1		08/07/11 16:53	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	0.42	1		08/07/11 16:53	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.5	0.42	1		08/07/11 16:53	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	0.60	1		08/07/11 16:53	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.5	0.35	1		08/07/11 16:53	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.5	0.55	1		08/07/11 16:53	75-35-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 2-4 Lab ID: 258703011 Collected: 08/02/11 11:30 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1-Dichloropropene	ND	ug/kg	4.5	0.52	1		08/07/11 16:53	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	0.42	1		08/07/11 16:53	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.5	0.51	1		08/07/11 16:53	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	0.36	1		08/07/11 16:53	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	0.77	1		08/07/11 16:53	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	0.58	1		08/07/11 16:53	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	0.32	1		08/07/11 16:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	0.37	1		08/07/11 16:53	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.5	0.33	1		08/07/11 16:53	107-06-2	
1,2-Dichloroethene (Total)	1.5J	ug/kg	9.0	0.55	1		08/07/11 16:53	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.5	0.27	1		08/07/11 16:53	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	0.48	1		08/07/11 16:53	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.5	0.28	1		08/07/11 16:53	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.5	0.42	1		08/07/11 16:53	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.5	0.36	1		08/07/11 16:53	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.5	0.28	1		08/07/11 16:53	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.0	2.3	1		08/07/11 16:53	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.5	0.47	1		08/07/11 16:53	95-49-8	
2-Hexanone	ND	ug/kg	15.0	0.54	1		08/07/11 16:53	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.5	0.40	1		08/07/11 16:53	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.0	0.46	1		08/07/11 16:53	108-10-1	
Acetone	89.2	ug/kg	15.0	1.6	1		08/07/11 16:53	67-64-1	1n,B
Benzene	0.31J	ug/kg	4.5	0.22	1		08/07/11 16:53	71-43-2	B
Bromobenzene	ND	ug/kg	4.5	0.35	1		08/07/11 16:53	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	0.33	1		08/07/11 16:53	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	0.18	1		08/07/11 16:53	75-27-4	
Bromoform	ND	ug/kg	4.5	0.35	1		08/07/11 16:53	75-25-2	
Bromomethane	ND	ug/kg	4.5	0.48	1		08/07/11 16:53	74-83-9	
Carbon disulfide	1.6J	ug/kg	4.5	0.42	1		08/07/11 16:53	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.5	0.27	1		08/07/11 16:53	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	0.27	1		08/07/11 16:53	108-90-7	
Chloroethane	ND	ug/kg	4.5	0.43	1		08/07/11 16:53	75-00-3	
Chloroform	ND	ug/kg	4.5	0.29	1		08/07/11 16:53	67-66-3	
Chloromethane	ND	ug/kg	4.5	0.31	1		08/07/11 16:53	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	0.15	1		08/07/11 16:53	124-48-1	
Dibromomethane	ND	ug/kg	4.5	0.31	1		08/07/11 16:53	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.5	0.62	1		08/07/11 16:53	75-71-8	
Ethylbenzene	ND	ug/kg	4.5	0.57	1		08/07/11 16:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	0.44	1		08/07/11 16:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	0.52	1		08/07/11 16:53	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	0.37	1		08/07/11 16:53	1634-04-4	
Methylene chloride	ND	ug/kg	15.0	3.9	1		08/07/11 16:53	75-09-2	
Naphthalene	8.6	ug/kg	4.5	0.82	1		08/07/11 16:53	91-20-3	
Styrene	ND	ug/kg	4.5	0.43	1		08/07/11 16:53	100-42-5	
Tetrachloroethene	ND	ug/kg	4.5	0.57	1		08/07/11 16:53	127-18-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 2-4 Lab ID: 258703011 Collected: 08/02/11 11:30 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Toluene	2.4J	ug/kg	4.5	0.46	1		08/07/11 16:53	108-88-3	
Trichloroethene	ND	ug/kg	4.5	0.31	1		08/07/11 16:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	0.34	1		08/07/11 16:53	75-69-4	
Vinyl chloride	ND	ug/kg	4.5	0.42	1		08/07/11 16:53	75-01-4	
Xylene (Total)	ND	ug/kg	13.5	1.1	1		08/07/11 16:53	1330-20-7	
cis-1,2-Dichloroethene	1.5J	ug/kg	4.5	0.31	1		08/07/11 16:53	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	0.20	1		08/07/11 16:53	10061-01-5	
m&p-Xylene	ND	ug/kg	9.0	1.1	1		08/07/11 16:53	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.5	0.68	1		08/07/11 16:53	104-51-8	
n-Propylbenzene	ND	ug/kg	4.5	0.53	1		08/07/11 16:53	103-65-1	
o-Xylene	ND	ug/kg	4.5	0.49	1		08/07/11 16:53	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.5	0.58	1		08/07/11 16:53	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.5	0.63	1		08/07/11 16:53	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.5	0.39	1		08/07/11 16:53	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.5	0.52	1		08/07/11 16:53	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	0.45	1		08/07/11 16:53	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	0.31	1		08/07/11 16:53	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	72-129		1		08/07/11 16:53	1868-53-7	
Toluene-d8 (S)	99	%	69-133		1		08/07/11 16:53	2037-26-5	
4-Bromofluorobenzene (S)	105	%	67-142		1		08/07/11 16:53	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	67-136		1		08/07/11 16:53	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.4	%	0.10	0.10	1		08/04/11 16:16		

Sample: SUP_SL_48 4-6 Lab ID: 258703012 Collected: 08/02/11 11:35 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	242	mg/kg	72.7	10.8	10	08/03/11 15:20	08/18/11 16:25	7440-38-2	
Cadmium	0.24J	mg/kg	3.6	0.040	1	08/03/11 15:20	08/18/11 14:15	7440-43-9	
Lead	441	mg/kg	36.3	2.3	10	08/03/11 15:20	08/18/11 16:25	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1250	395	1	08/09/11 17:20	08/15/11 20:07	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	.5	%	26-135		1	08/09/11 17:20	08/15/11 20:07	118-79-6	S2
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B							
cis-1,2-Dichloroethene	1850	ug/kg	383	15.3	1	08/12/11 08:00	08/16/11 12:34	156-59-2	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_48 4-6 Lab ID: 258703012 Collected: 08/02/11 11:35 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B							
Hexachloro-1,3-butadiene	1040	ug/kg	766	65.5	1	08/12/11 08:00	08/16/11 12:34	87-68-3	
Tetrachloroethene	229000	ug/kg	3830	298	10	08/12/11 08:00	08/16/11 17:05	127-18-4	
Trichloroethene	30900	ug/kg	383	12.0	1	08/12/11 08:00	08/16/11 12:34	79-01-6	
Surrogates									
Dibromofluoromethane (S)	94	%	75-116		1	08/12/11 08:00	08/16/11 12:34	1868-53-7	
Toluene-d8 (S)	101	%	74-124		1	08/12/11 08:00	08/16/11 12:34	2037-26-5	
4-Bromofluorobenzene (S)	91	%	73-128		1	08/12/11 08:00	08/16/11 12:34	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-125		1	08/12/11 08:00	08/16/11 12:34	17060-07-0	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Acetone	924	ug/kg	48.5	5.3	1		08/05/11 23:22	67-64-1	1n,B
tert-Amylmethyl ether	ND	ug/kg	14.6	1.3	1		08/05/11 23:22	994-05-8	
Benzene	34.2	ug/kg	14.6	0.73	1		08/05/11 23:22	71-43-2	B
Bromobenzene	ND	ug/kg	14.6	1.1	1		08/05/11 23:22	108-86-1	
Bromochloromethane	ND	ug/kg	14.6	1.1	1		08/05/11 23:22	74-97-5	
Bromodichloromethane	ND	ug/kg	14.6	0.57	1		08/05/11 23:22	75-27-4	
Bromoform	ND	ug/kg	14.6	1.1	1		08/05/11 23:22	75-25-2	
Bromomethane	ND	ug/kg	14.6	1.5	1		08/05/11 23:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	48.5	7.3	1		08/05/11 23:22	78-93-3	
n-Butylbenzene	ND	ug/kg	14.6	2.2	1		08/05/11 23:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	14.6	2.0	1		08/05/11 23:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	14.6	1.7	1		08/05/11 23:22	98-06-6	
Carbon disulfide	353	ug/kg	14.6	1.4	1		08/05/11 23:22	75-15-0	B
Carbon tetrachloride	ND	ug/kg	14.6	0.88	1		08/05/11 23:22	56-23-5	
Chlorobenzene	4.2J	ug/kg	14.6	0.89	1		08/05/11 23:22	108-90-7	
Chloroethane	ND	ug/kg	14.6	1.4	1		08/05/11 23:22	75-00-3	
Chloroform	ND	ug/kg	14.6	0.94	1		08/05/11 23:22	67-66-3	
Chloromethane	14.1J	ug/kg	14.6	1.0	1		08/05/11 23:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	14.6	1.5	1		08/05/11 23:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	14.6	1.3	1		08/05/11 23:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	24.3	1.9	1		08/05/11 23:22	96-12-8	
Dibromochloromethane	ND	ug/kg	14.6	0.49	1		08/05/11 23:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	14.6	1.0	1		08/05/11 23:22	106-93-4	
Dibromomethane	ND	ug/kg	14.6	1.0	1		08/05/11 23:22	74-95-3	
1,2-Dichlorobenzene	2.7J	ug/kg	14.6	1.2	1		08/05/11 23:22	95-50-1	B
1,3-Dichlorobenzene	3.7J	ug/kg	14.6	0.92	1		08/05/11 23:22	541-73-1	B
1,4-Dichlorobenzene	2.1J	ug/kg	14.6	1.2	1		08/05/11 23:22	106-46-7	B
Dichlorodifluoromethane	ND	ug/kg	14.6	2.0	1		08/05/11 23:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	14.6	1.2	1		08/05/11 23:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	14.6	1.1	1		08/05/11 23:22	107-06-2	
1,2-Dichloroethene (Total)	1480	ug/kg	29.1	1.8	1		08/05/11 23:22	540-59-0	
1,1-Dichloroethene	23.4	ug/kg	14.6	1.8	1		08/05/11 23:22	75-35-4	
trans-1,2-Dichloroethene	360	ug/kg	14.6	1.5	1		08/05/11 23:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	14.6	0.88	1		08/05/11 23:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	14.6	1.3	1		08/05/11 23:22	142-28-9	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_48 4-6 Lab ID: 258703012 Collected: 08/02/11 11:35 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2,2-Dichloropropane	ND	ug/kg	14.6	0.91	1		08/05/11 23:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	14.6	1.7	1		08/05/11 23:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	14.6	0.63	1		08/05/11 23:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	14.6	1.0	1		08/05/11 23:22	10061-02-6	
Ethylbenzene	9.7J	ug/kg	14.6	1.8	1		08/05/11 23:22	100-41-4	
2-Hexanone	ND	ug/kg	48.5	1.7	1		08/05/11 23:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	14.6	1.7	1		08/05/11 23:22	98-82-8	
p-Isopropyltoluene	18.0	ug/kg	14.6	1.9	1		08/05/11 23:22	99-87-6	
Methylene chloride	ND	ug/kg	48.5	12.8	1		08/05/11 23:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.5	1.5	1		08/05/11 23:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	14.6	1.2	1		08/05/11 23:22	1634-04-4	
Naphthalene	40.5	ug/kg	14.6	2.7	1		08/05/11 23:22	91-20-3	
n-Propylbenzene	ND	ug/kg	14.6	1.7	1		08/05/11 23:22	103-65-1	
Styrene	2.7J	ug/kg	14.6	1.4	1		08/05/11 23:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	14.6	0.71	1		08/05/11 23:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	14.6	1.3	1		08/05/11 23:22	79-34-5	
Toluene	28.1	ug/kg	14.6	1.5	1		08/05/11 23:22	108-88-3	
1,2,3-Trichlorobenzene	208	ug/kg	14.6	1.3	1		08/05/11 23:22	87-61-6	B
1,2,4-Trichlorobenzene	5.0J	ug/kg	14.6	1.2	1		08/05/11 23:22	120-82-1	B
1,1,1-Trichloroethane	ND	ug/kg	14.6	0.89	1		08/05/11 23:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	14.6	1.4	1		08/05/11 23:22	79-00-5	
Trichlorofluoromethane	ND	ug/kg	14.6	1.1	1		08/05/11 23:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	14.6	1.7	1		08/05/11 23:22	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	14.6	2.0	1		08/05/11 23:22	76-13-1	
1,2,4-Trimethylbenzene	7.1J	ug/kg	14.6	2.5	1		08/05/11 23:22	95-63-6	
1,3,5-Trimethylbenzene	2.8J	ug/kg	14.6	1.5	1		08/05/11 23:22	108-67-8	
Vinyl chloride	ND	ug/kg	14.6	1.4	1		08/05/11 23:22	75-01-4	
Xylene (Total)	10.3J	ug/kg	43.7	3.6	1		08/05/11 23:22	1330-20-7	
m&p-Xylene	5.2J	ug/kg	29.1	3.6	1		08/05/11 23:22	179601-23-1	
o-Xylene	5.1J	ug/kg	14.6	1.6	1		08/05/11 23:22	95-47-6	
Surrogates									
Dibromofluoromethane (S)	26	%	72-129		1		08/05/11 23:22	1868-53-7	S5
Toluene-d8 (S)	97	%	69-133		1		08/05/11 23:22	2037-26-5	
4-Bromofluorobenzene (S)	99	%	67-142		1		08/05/11 23:22	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	67-136		1		08/05/11 23:22	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	74.0	%	0.10	0.10	1		08/04/11 16:17		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 6-8 Lab ID: 258703013 Collected: 08/02/11 11:40 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	435	mg/kg	24.3	3.6	5	08/03/11 15:20	08/18/11 12:44	7440-38-2	
Cadmium	ND	mg/kg	12.2	0.13	5	08/03/11 15:20	08/18/11 12:44	7440-43-9	
Lead	245	mg/kg	12.2	0.77	5	08/03/11 15:20	08/18/11 12:44	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	877	278	1	08/09/11 17:20	08/15/11 17:51	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	3	%	26-135		1	08/09/11 17:20	08/15/11 17:51	118-79-6	S2
8260 MSV 5035A Med Level VOA									
Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B									
Tetrachloroethene	884	ug/kg	227	17.6	1	08/16/11 10:00	08/16/11 11:57	127-18-4	
Trichloroethene	44.9J	ug/kg	227	7.1	1	08/16/11 10:00	08/16/11 11:57	79-01-6	
Surrogates									
Dibromofluoromethane (S)	98	%	75-116		1	08/16/11 10:00	08/16/11 11:57	1868-53-7	
Toluene-d8 (S)	100	%	74-124		1	08/16/11 10:00	08/16/11 11:57	2037-26-5	
4-Bromofluorobenzene (S)	95	%	73-128		1	08/16/11 10:00	08/16/11 11:57	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-125		1	08/16/11 10:00	08/16/11 11:57	17060-07-0	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
Acetone	509	ug/kg	37.5	4.1	1		08/05/11 15:09	67-64-1	1n,B
tert-Amylmethyl ether	ND	ug/kg	11.3	0.97	1		08/05/11 15:09	994-05-8	
Benzene	26.3	ug/kg	11.3	0.56	1		08/05/11 15:09	71-43-2	B
Bromobenzene	ND	ug/kg	11.3	0.88	1		08/05/11 15:09	108-86-1	
Bromochloromethane	ND	ug/kg	11.3	0.83	1		08/05/11 15:09	74-97-5	
Bromodichloromethane	ND	ug/kg	11.3	0.44	1		08/05/11 15:09	75-27-4	
Bromoform	ND	ug/kg	11.3	0.87	1		08/05/11 15:09	75-25-2	
Bromomethane	ND	ug/kg	11.3	1.2	1		08/05/11 15:09	74-83-9	
2-Butanone (MEK)	145	ug/kg	37.5	5.7	1		08/05/11 15:09	78-93-3	
n-Butylbenzene	ND	ug/kg	11.3	1.7	1		08/05/11 15:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.3	1.6	1		08/05/11 15:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.3	1.3	1		08/05/11 15:09	98-06-6	
Carbon disulfide	191	ug/kg	11.3	1.0	1		08/05/11 15:09	75-15-0	B
Carbon tetrachloride	ND	ug/kg	11.3	0.68	1		08/05/11 15:09	56-23-5	
Chlorobenzene	ND	ug/kg	11.3	0.69	1		08/05/11 15:09	108-90-7	
Chloroethane	ND	ug/kg	11.3	1.1	1		08/05/11 15:09	75-00-3	
Chloroform	0.80J	ug/kg	11.3	0.73	1		08/05/11 15:09	67-66-3	
Chloromethane	ND	ug/kg	11.3	0.77	1		08/05/11 15:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.3	1.2	1		08/05/11 15:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.3	1.0	1		08/05/11 15:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.8	1.5	1		08/05/11 15:09	96-12-8	
Dibromochloromethane	ND	ug/kg	11.3	0.38	1		08/05/11 15:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.3	0.79	1		08/05/11 15:09	106-93-4	
Dibromomethane	ND	ug/kg	11.3	0.78	1		08/05/11 15:09	74-95-3	
1,2-Dichlorobenzene	1.8J	ug/kg	11.3	0.92	1		08/05/11 15:09	95-50-1	B
1,3-Dichlorobenzene	1.7J	ug/kg	11.3	0.71	1		08/05/11 15:09	541-73-1	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 6-8 Lab ID: 258703013 Collected: 08/02/11 11:40 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,4-Dichlorobenzene	1.4J	ug/kg	11.3	0.90	1		08/05/11 15:09	106-46-7	B
Dichlorodifluoromethane	ND	ug/kg	11.3	1.6	1		08/05/11 15:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.3	0.89	1		08/05/11 15:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.3	0.83	1		08/05/11 15:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	22.5	1.4	1		08/05/11 15:09	540-59-0	
1,1-Dichloroethene	ND	ug/kg	11.3	1.4	1		08/05/11 15:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.3	0.78	1		08/05/11 15:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.3	1.1	1		08/05/11 15:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.3	0.68	1		08/05/11 15:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.3	1.0	1		08/05/11 15:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.3	0.70	1		08/05/11 15:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.3	1.3	1		08/05/11 15:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.3	0.49	1		08/05/11 15:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.3	0.79	1		08/05/11 15:09	10061-02-6	
Ethylbenzene	6.2J	ug/kg	11.3	1.4	1		08/05/11 15:09	100-41-4	
Hexachloro-1,3-butadiene	536	ug/kg	11.3	1.1	1		08/05/11 15:09	87-68-3	
2-Hexanone	ND	ug/kg	37.5	1.3	1		08/05/11 15:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.3	1.3	1		08/05/11 15:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.3	1.4	1		08/05/11 15:09	99-87-6	
Methylene chloride	ND	ug/kg	37.5	9.9	1		08/05/11 15:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	37.5	1.1	1		08/05/11 15:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.3	0.94	1		08/05/11 15:09	1634-04-4	
Naphthalene	24.8	ug/kg	11.3	2.1	1		08/05/11 15:09	91-20-3	
n-Propylbenzene	ND	ug/kg	11.3	1.3	1		08/05/11 15:09	103-65-1	
Styrene	1.7J	ug/kg	11.3	1.1	1		08/05/11 15:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.3	0.55	1		08/05/11 15:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.3	1.0	1		08/05/11 15:09	79-34-5	
Toluene	20.2	ug/kg	11.3	1.2	1		08/05/11 15:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.3	1.0	1		08/05/11 15:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.3	0.91	1		08/05/11 15:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.3	0.69	1		08/05/11 15:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.3	1.0	1		08/05/11 15:09	79-00-5	
Trichlorofluoromethane	ND	ug/kg	11.3	0.86	1		08/05/11 15:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.3	1.3	1		08/05/11 15:09	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	11.3	1.5	1		08/05/11 15:09	76-13-1	
1,2,4-Trimethylbenzene	3.7J	ug/kg	11.3	1.9	1		08/05/11 15:09	95-63-6	
1,3,5-Trimethylbenzene	1.5J	ug/kg	11.3	1.2	1		08/05/11 15:09	108-67-8	
Vinyl chloride	ND	ug/kg	11.3	1.0	1		08/05/11 15:09	75-01-4	
Xylene (Total)	6.6J	ug/kg	33.8	2.8	1		08/05/11 15:09	1330-20-7	
m&p-Xylene	3.5J	ug/kg	22.5	2.8	1		08/05/11 15:09	179601-23-1	
o-Xylene	3.1J	ug/kg	11.3	1.2	1		08/05/11 15:09	95-47-6	
Surrogates									
Dibromofluoromethane (S)	28 %		72-129		1		08/05/11 15:09	1868-53-7	S5
Toluene-d8 (S)	93 %		69-133		1		08/05/11 15:09	2037-26-5	
4-Bromofluorobenzene (S)	97 %		67-142		1		08/05/11 15:09	460-00-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_48 6-8 **Lab ID:** 258703013 Collected: 08/02/11 11:40 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/05/11 15:09	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	62.7 %		0.10	0.10	1		08/04/11 16:17		

Sample: SUP_SL_48 8-10 **Lab ID:** 258703014 Collected: 08/02/11 11:42 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	28.2 mg/kg		13.5	2.0	5	08/03/11 15:20	08/18/11 12:48	7440-38-2	
Cadmium	ND	mg/kg	1.3	0.015	1	08/03/11 15:20	08/18/11 16:07	7440-43-9	
Lead	9.3 mg/kg		6.7	0.42	5	08/03/11 15:20	08/18/11 12:48	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	574	182	1	08/09/11 17:20	08/15/11 18:14	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	63 %		26-135		1	08/09/11 17:20	08/15/11 18:14	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.7	0.47	1		08/07/11 17:27	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	9.7	0.59	1		08/07/11 17:27	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.7	0.90	1		08/07/11 17:27	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	9.7	0.90	1		08/07/11 17:27	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	9.7	1.3	1		08/07/11 17:27	76-13-1	
1,1-Dichloroethane	ND	ug/kg	9.7	0.77	1		08/07/11 17:27	75-34-3	
1,1-Dichloroethene	ND	ug/kg	9.7	1.2	1		08/07/11 17:27	75-35-4	
1,1-Dichloropropene	ND	ug/kg	9.7	1.1	1		08/07/11 17:27	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	9.7	0.90	1		08/07/11 17:27	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	9.7	1.1	1		08/07/11 17:27	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	9.7	0.79	1		08/07/11 17:27	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	9.7	1.7	1		08/07/11 17:27	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.2	1.3	1		08/07/11 17:27	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.7	0.68	1		08/07/11 17:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	9.7	0.80	1		08/07/11 17:27	95-50-1	
1,2-Dichloroethane	ND	ug/kg	9.7	0.72	1		08/07/11 17:27	107-06-2	
1,2-Dichloroethene (Total)	2.0J ug/kg		19.4	1.2	1		08/07/11 17:27	540-59-0	
1,2-Dichloropropane	ND	ug/kg	9.7	0.59	1		08/07/11 17:27	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	9.7	1.0	1		08/07/11 17:27	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	9.7	0.61	1		08/07/11 17:27	541-73-1	
1,3-Dichloropropane	ND	ug/kg	9.7	0.90	1		08/07/11 17:27	142-28-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 8-10 Lab ID: 258703014 Collected: 08/02/11 11:42 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/kg	9.7	0.78	1		08/07/11 17:27	106-46-7	
2,2-Dichloropropane	ND	ug/kg	9.7	0.60	1		08/07/11 17:27	594-20-7	
2-Butanone (MEK)	34.3	ug/kg	32.3	4.9	1		08/07/11 17:27	78-93-3	
2-Chlorotoluene	ND	ug/kg	9.7	1.0	1		08/07/11 17:27	95-49-8	
2-Hexanone	ND	ug/kg	32.3	1.2	1		08/07/11 17:27	591-78-6	
4-Chlorotoluene	ND	ug/kg	9.7	0.86	1		08/07/11 17:27	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	32.3	0.98	1		08/07/11 17:27	108-10-1	
Acetone	157	ug/kg	32.3	3.6	1		08/07/11 17:27	67-64-1	1n,B
Benzene	14.0	ug/kg	9.7	0.49	1		08/07/11 17:27	71-43-2	B
Bromobenzene	ND	ug/kg	9.7	0.76	1		08/07/11 17:27	108-86-1	
Bromochloromethane	ND	ug/kg	9.7	0.71	1		08/07/11 17:27	74-97-5	
Bromodichloromethane	ND	ug/kg	9.7	0.38	1		08/07/11 17:27	75-27-4	
Bromoform	ND	ug/kg	9.7	0.75	1		08/07/11 17:27	75-25-2	
Bromomethane	ND	ug/kg	9.7	1.0	1		08/07/11 17:27	74-83-9	
Carbon disulfide	41.4	ug/kg	9.7	0.90	1		08/07/11 17:27	75-15-0	B
Carbon tetrachloride	ND	ug/kg	9.7	0.59	1		08/07/11 17:27	56-23-5	
Chlorobenzene	7.1J	ug/kg	9.7	0.59	1		08/07/11 17:27	108-90-7	
Chloroethane	ND	ug/kg	9.7	0.93	1		08/07/11 17:27	75-00-3	
Chloroform	ND	ug/kg	9.7	0.63	1		08/07/11 17:27	67-66-3	
Chloromethane	0.84J	ug/kg	9.7	0.67	1		08/07/11 17:27	74-87-3	
Dibromochloromethane	ND	ug/kg	9.7	0.33	1		08/07/11 17:27	124-48-1	
Dibromomethane	ND	ug/kg	9.7	0.67	1		08/07/11 17:27	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	9.7	1.3	1		08/07/11 17:27	75-71-8	
Ethylbenzene	ND	ug/kg	9.7	1.2	1		08/07/11 17:27	100-41-4	
Hexachloro-1,3-butadiene	10.6	ug/kg	9.7	0.96	1		08/07/11 17:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	9.7	1.1	1		08/07/11 17:27	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	9.7	0.81	1		08/07/11 17:27	1634-04-4	
Methylene chloride	ND	ug/kg	32.3	8.5	1		08/07/11 17:27	75-09-2	
Naphthalene	ND	ug/kg	9.7	1.8	1		08/07/11 17:27	91-20-3	
Styrene	ND	ug/kg	9.7	0.93	1		08/07/11 17:27	100-42-5	
Tetrachloroethene	292	ug/kg	9.7	1.2	1		08/07/11 17:27	127-18-4	B
Toluene	11.6	ug/kg	9.7	1.0	1		08/07/11 17:27	108-88-3	
Trichloroethene	33.8	ug/kg	9.7	0.68	1		08/07/11 17:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.7	0.74	1		08/07/11 17:27	75-69-4	
Vinyl chloride	ND	ug/kg	9.7	0.90	1		08/07/11 17:27	75-01-4	
Xylene (Total)	4.2J	ug/kg	29.1	2.4	1		08/07/11 17:27	1330-20-7	
cis-1,2-Dichloroethene	2.0J	ug/kg	9.7	0.67	1		08/07/11 17:27	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	9.7	0.42	1		08/07/11 17:27	10061-01-5	
m&p-Xylene	2.5J	ug/kg	19.4	2.4	1		08/07/11 17:27	179601-23-1	
n-Butylbenzene	ND	ug/kg	9.7	1.5	1		08/07/11 17:27	104-51-8	
n-Propylbenzene	ND	ug/kg	9.7	1.1	1		08/07/11 17:27	103-65-1	
o-Xylene	1.6J	ug/kg	9.7	1.1	1		08/07/11 17:27	95-47-6	
p-Isopropyltoluene	ND	ug/kg	9.7	1.2	1		08/07/11 17:27	99-87-6	
sec-Butylbenzene	ND	ug/kg	9.7	1.4	1		08/07/11 17:27	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	9.7	0.84	1		08/07/11 17:27	994-05-8	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_48 8-10 **Lab ID: 258703014** Collected: 08/02/11 11:42 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
tert-Butylbenzene	ND	ug/kg	9.7	1.1	1		08/07/11 17:27	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	9.7	0.97	1		08/07/11 17:27	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.7	0.68	1		08/07/11 17:27	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/07/11 17:27	1868-53-7	
Toluene-d8 (S)	96	%	69-133		1		08/07/11 17:27	2037-26-5	
4-Bromofluorobenzene (S)	105	%	67-142		1		08/07/11 17:27	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	67-136		1		08/07/11 17:27	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	42.9	%	0.10	0.10	1		08/04/11 16:18		

Sample: SUP_SL_48 10-12 **Lab ID: 258703015** Collected: 08/02/11 11:45 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	7.9J	mg/kg	13.6	2.0	5	08/03/11 15:20	08/18/11 12:52	7440-38-2	
Cadmium	ND	mg/kg	6.8	0.075	5	08/03/11 15:20	08/18/11 12:52	7440-43-9	
Lead	6.0	mg/kg	1.4	0.086	1	08/03/11 15:20	08/18/11 16:11	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	575	182	1	08/09/11 17:20	08/15/11 18:36	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	70	%	26-135		1	08/09/11 17:20	08/15/11 18:36	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	0.28	1		08/07/11 17:44	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.8	0.35	1		08/07/11 17:44	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	0.53	1		08/07/11 17:44	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.8	0.54	1		08/07/11 17:44	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.8	0.78	1		08/07/11 17:44	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.8	0.46	1		08/07/11 17:44	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.8	0.71	1		08/07/11 17:44	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.8	0.67	1		08/07/11 17:44	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	0.54	1		08/07/11 17:44	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.8	0.66	1		08/07/11 17:44	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	0.47	1		08/07/11 17:44	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	1.0	1		08/07/11 17:44	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.6	0.75	1		08/07/11 17:44	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	0.41	1		08/07/11 17:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.8	0.47	1		08/07/11 17:44	95-50-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 10-12 Lab ID: 258703015 Collected: 08/02/11 11:45 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/kg	5.8	0.43	1		08/07/11 17:44	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.6	0.71	1		08/07/11 17:44	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.8	0.35	1		08/07/11 17:44	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	0.61	1		08/07/11 17:44	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.8	0.37	1		08/07/11 17:44	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.8	0.53	1		08/07/11 17:44	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.8	0.46	1		08/07/11 17:44	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.8	0.36	1		08/07/11 17:44	594-20-7	
2-Butanone (MEK)	ND	ug/kg	19.3	2.9	1		08/07/11 17:44	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.8	0.61	1		08/07/11 17:44	95-49-8	
2-Hexanone	ND	ug/kg	19.3	0.69	1		08/07/11 17:44	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.8	0.51	1		08/07/11 17:44	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.3	0.59	1		08/07/11 17:44	108-10-1	
Acetone	42.7	ug/kg	19.3	2.1	1		08/07/11 17:44	67-64-1	1n,B
Benzene	9.1	ug/kg	5.8	0.29	1		08/07/11 17:44	71-43-2	B
Bromobenzene	ND	ug/kg	5.8	0.45	1		08/07/11 17:44	108-86-1	
Bromochloromethane	ND	ug/kg	5.8	0.43	1		08/07/11 17:44	74-97-5	
Bromodichloromethane	ND	ug/kg	5.8	0.23	1		08/07/11 17:44	75-27-4	
Bromoform	ND	ug/kg	5.8	0.45	1		08/07/11 17:44	75-25-2	
Bromomethane	ND	ug/kg	5.8	0.61	1		08/07/11 17:44	74-83-9	
Carbon disulfide	22.3	ug/kg	5.8	0.54	1		08/07/11 17:44	75-15-0	B
Carbon tetrachloride	ND	ug/kg	5.8	0.35	1		08/07/11 17:44	56-23-5	
Chlorobenzene	1.6J	ug/kg	5.8	0.35	1		08/07/11 17:44	108-90-7	
Chloroethane	ND	ug/kg	5.8	0.56	1		08/07/11 17:44	75-00-3	
Chloroform	ND	ug/kg	5.8	0.37	1		08/07/11 17:44	67-66-3	
Chloromethane	ND	ug/kg	5.8	0.40	1		08/07/11 17:44	74-87-3	
Dibromochloromethane	ND	ug/kg	5.8	0.19	1		08/07/11 17:44	124-48-1	
Dibromomethane	ND	ug/kg	5.8	0.40	1		08/07/11 17:44	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.8	0.80	1		08/07/11 17:44	75-71-8	
Ethylbenzene	ND	ug/kg	5.8	0.73	1		08/07/11 17:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.8	0.57	1		08/07/11 17:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	0.67	1		08/07/11 17:44	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.8	0.48	1		08/07/11 17:44	1634-04-4	
Methylene chloride	ND	ug/kg	19.3	5.1	1		08/07/11 17:44	75-09-2	
Naphthalene	ND	ug/kg	5.8	1.1	1		08/07/11 17:44	91-20-3	
Styrene	ND	ug/kg	5.8	0.55	1		08/07/11 17:44	100-42-5	
Tetrachloroethene	4.3J	ug/kg	5.8	0.74	1		08/07/11 17:44	127-18-4	B
Toluene	4.1J	ug/kg	5.8	0.59	1		08/07/11 17:44	108-88-3	
Trichloroethene	ND	ug/kg	5.8	0.40	1		08/07/11 17:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.8	0.44	1		08/07/11 17:44	75-69-4	
Vinyl chloride	ND	ug/kg	5.8	0.54	1		08/07/11 17:44	75-01-4	
Xylene (Total)	ND	ug/kg	17.3	1.4	1		08/07/11 17:44	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	0.40	1		08/07/11 17:44	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	0.25	1		08/07/11 17:44	10061-01-5	
m&p-Xylene	ND	ug/kg	11.6	1.4	1		08/07/11 17:44	179601-23-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_48 10-12 **Lab ID:** 258703015 Collected: 08/02/11 11:45 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
n-Butylbenzene	ND	ug/kg	5.8	0.88	1		08/07/11 17:44	104-51-8	
n-Propylbenzene	ND	ug/kg	5.8	0.68	1		08/07/11 17:44	103-65-1	
o-Xylene	ND	ug/kg	5.8	0.63	1		08/07/11 17:44	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.8	0.74	1		08/07/11 17:44	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.8	0.81	1		08/07/11 17:44	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.8	0.50	1		08/07/11 17:44	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.8	0.66	1		08/07/11 17:44	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	0.58	1		08/07/11 17:44	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	0.41	1		08/07/11 17:44	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/07/11 17:44	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/07/11 17:44	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/07/11 17:44	460-00-4	
1,2-Dichloroethane-d4 (S)	119 %		67-136		1		08/07/11 17:44	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	43.5 %		0.10	0.10	1		08/04/11 16:19		
------------------	--------	--	------	------	---	--	----------------	--	--

Sample: SUP_SL_48 12-14 **Lab ID:** 258703016 Collected: 08/02/11 11:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.3J	mg/kg	10.5	1.6	5	08/03/11 15:20	08/18/11 13:03	7440-38-2	
Cadmium	ND	mg/kg	5.2	0.058	5	08/03/11 15:20	08/18/11 13:03	7440-43-9	
Lead	3.2	mg/kg	1.0	0.066	1	08/03/11 15:20	08/18/11 16:14	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	420	133	1	08/09/11 17:20	08/15/11 18:59	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	36 %		26-135		1	08/09/11 17:20	08/15/11 18:59	118-79-6	
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B							
Tetrachloroethene	858	ug/kg	69.1	5.4	1	08/12/11 00:00	08/12/11 22:57	127-18-4	
Surrogates									
Dibromofluoromethane (S)	98 %		75-116		1	08/12/11 00:00	08/12/11 22:57	1868-53-7	
Toluene-d8 (S)	99 %		74-124		1	08/12/11 00:00	08/12/11 22:57	2037-26-5	
4-Bromofluorobenzene (S)	97 %		73-128		1	08/12/11 00:00	08/12/11 22:57	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		70-125		1	08/12/11 00:00	08/12/11 22:57	17060-07-0	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		08/05/11 16:00	630-20-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 12-14 Lab ID: 258703016 Collected: 08/02/11 11:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/05/11 16:00	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		08/05/11 16:00	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		08/05/11 16:00	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		08/05/11 16:00	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/05/11 16:00	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/05/11 16:00	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		08/05/11 16:00	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		08/05/11 16:00	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		08/05/11 16:00	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		08/05/11 16:00	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		08/05/11 16:00	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.44	1		08/05/11 16:00	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/05/11 16:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/05/11 16:00	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/05/11 16:00	107-06-2	
1,2-Dichloroethene (Total)	3.1J	ug/kg	6.8	0.42	1		08/05/11 16:00	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		08/05/11 16:00	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/05/11 16:00	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		08/05/11 16:00	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		08/05/11 16:00	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/05/11 16:00	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/05/11 16:00	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.3	1.7	1		08/05/11 16:00	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/05/11 16:00	95-49-8	
2-Hexanone	ND	ug/kg	11.3	0.41	1		08/05/11 16:00	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/05/11 16:00	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.3	0.34	1		08/05/11 16:00	108-10-1	
Acetone	37.7	ug/kg	11.3	1.2	1		08/05/11 16:00	67-64-1	1n,B
Benzene	3.5	ug/kg	3.4	0.17	1		08/05/11 16:00	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.27	1		08/05/11 16:00	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/05/11 16:00	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/05/11 16:00	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/05/11 16:00	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/05/11 16:00	74-83-9	
Carbon disulfide	11.8	ug/kg	3.4	0.32	1		08/05/11 16:00	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		08/05/11 16:00	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/05/11 16:00	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/05/11 16:00	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/05/11 16:00	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		08/05/11 16:00	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		08/05/11 16:00	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/05/11 16:00	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		08/05/11 16:00	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		08/05/11 16:00	100-41-4	
Hexachloro-1,3-butadiene	3.5	ug/kg	3.4	0.34	1		08/05/11 16:00	87-68-3	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_48 12-14 Lab ID: 258703016 Collected: 08/02/11 11:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		08/05/11 16:00	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		08/05/11 16:00	1634-04-4	
Methylene chloride	ND	ug/kg	11.3	3.0	1		08/05/11 16:00	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.62	1		08/05/11 16:00	91-20-3	
Styrene	ND	ug/kg	3.4	0.33	1		08/05/11 16:00	100-42-5	
Toluene	0.60J	ug/kg	3.4	0.35	1		08/05/11 16:00	108-88-3	
Trichloroethene	53.6	ug/kg	3.4	0.24	1		08/05/11 16:00	79-01-6	B
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/05/11 16:00	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		08/05/11 16:00	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	0.85	1		08/05/11 16:00	1330-20-7	
cis-1,2-Dichloroethene	2.5J	ug/kg	3.4	0.24	1		08/05/11 16:00	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/05/11 16:00	10061-01-5	
m&p-Xylene	ND	ug/kg	6.8	0.85	1		08/05/11 16:00	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		08/05/11 16:00	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		08/05/11 16:00	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/05/11 16:00	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		08/05/11 16:00	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		08/05/11 16:00	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		08/05/11 16:00	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/05/11 16:00	98-06-6	
trans-1,2-Dichloroethene	0.60J	ug/kg	3.4	0.34	1		08/05/11 16:00	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/05/11 16:00	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/05/11 16:00	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/05/11 16:00	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/05/11 16:00	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/05/11 16:00	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	23.8 %		0.10	0.10	1		08/04/11 16:19		

Sample: SUP_SL_48 14-16 Lab ID: 258703017 Collected: 08/02/11 11:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	1.8J	mg/kg	10	1.5	5	08/03/11 15:20	08/18/11 13:06	7440-38-2	
Cadmium	ND	mg/kg	5.0	0.055	5	08/03/11 15:20	08/18/11 13:06	7440-43-9	
Lead	2.0	mg/kg	1.0	0.063	1	08/03/11 15:20	08/18/11 16:18	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	431	137	1	08/09/11 17:20	08/15/11 19:22	87-86-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_48 14-16 Lab ID: 258703017 Collected: 08/02/11 11:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates									
2,4,6-Tribromophenol (S)	56 %		26-135		1	08/09/11 17:20	08/15/11 19:22	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.16	1		08/07/11 18:01	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/07/11 18:01	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		08/07/11 18:01	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		08/07/11 18:01	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.45	1		08/07/11 18:01	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/07/11 18:01	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/07/11 18:01	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		08/07/11 18:01	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		08/07/11 18:01	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.38	1		08/07/11 18:01	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.27	1		08/07/11 18:01	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.58	1		08/07/11 18:01	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.44	1		08/07/11 18:01	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/07/11 18:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/07/11 18:01	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/07/11 18:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.42	1		08/07/11 18:01	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		08/07/11 18:01	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/07/11 18:01	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.21	1		08/07/11 18:01	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		08/07/11 18:01	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/07/11 18:01	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/07/11 18:01	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.2	1.7	1		08/07/11 18:01	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.35	1		08/07/11 18:01	95-49-8	
2-Hexanone	ND	ug/kg	11.2	0.40	1		08/07/11 18:01	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/07/11 18:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.2	0.34	1		08/07/11 18:01	108-10-1	
Acetone	25.6	ug/kg	11.2	1.2	1		08/07/11 18:01	67-64-1	1n,B
Benzene	0.60J	ug/kg	3.4	0.17	1		08/07/11 18:01	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.26	1		08/07/11 18:01	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/07/11 18:01	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/07/11 18:01	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/07/11 18:01	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/07/11 18:01	74-83-9	
Carbon disulfide	3.6	ug/kg	3.4	0.31	1		08/07/11 18:01	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.4	0.20	1		08/07/11 18:01	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/07/11 18:01	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.32	1		08/07/11 18:01	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/07/11 18:01	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		08/07/11 18:01	74-87-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_48 14-16 Lab ID: 258703017 Collected: 08/02/11 11:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		08/07/11 18:01	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.23	1		08/07/11 18:01	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		08/07/11 18:01	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		08/07/11 18:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.33	1		08/07/11 18:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		08/07/11 18:01	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		08/07/11 18:01	1634-04-4	
Methylene chloride	ND	ug/kg	11.2	3.0	1		08/07/11 18:01	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.62	1		08/07/11 18:01	91-20-3	
Styrene	ND	ug/kg	3.4	0.32	1		08/07/11 18:01	100-42-5	
Tetrachloroethene	0.69J	ug/kg	3.4	0.43	1		08/07/11 18:01	127-18-4	B
Toluene	ND	ug/kg	3.4	0.35	1		08/07/11 18:01	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		08/07/11 18:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/07/11 18:01	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.31	1		08/07/11 18:01	75-01-4	
Xylene (Total)	ND	ug/kg	10.1	0.84	1		08/07/11 18:01	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.23	1		08/07/11 18:01	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/07/11 18:01	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.84	1		08/07/11 18:01	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.51	1		08/07/11 18:01	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		08/07/11 18:01	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/07/11 18:01	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.43	1		08/07/11 18:01	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		08/07/11 18:01	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		08/07/11 18:01	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/07/11 18:01	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		08/07/11 18:01	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/07/11 18:01	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/07/11 18:01	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/07/11 18:01	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/07/11 18:01	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/07/11 18:01	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	24.5 %		0.10	0.10	1		08/04/11 16:20		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_49 1-2 Lab ID: 258703018 Collected: 08/02/11 12:10 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	21.9	mg/kg	17.9	2.7	10	08/03/11 15:20	08/18/11 16:29	7440-38-2	
Cadmium	0.019J	mg/kg	0.90	0.0099	1	08/03/11 15:20	08/18/11 16:21	7440-43-9	
Lead	14.6	mg/kg	9.0	0.57	10	08/03/11 15:20	08/18/11 16:29	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	350	111	1	08/09/11 17:20	08/15/11 19:44	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	54	%	26-135		1	08/09/11 17:20	08/15/11 19:44	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1	0.15	1		08/07/11 18:18	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.1	0.19	1		08/07/11 18:18	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1	0.29	1		08/07/11 18:18	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.1	0.29	1		08/07/11 18:18	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.1	0.42	1		08/07/11 18:18	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.1	0.25	1		08/07/11 18:18	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.1	0.39	1		08/07/11 18:18	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.1	0.37	1		08/07/11 18:18	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.1	0.29	1		08/07/11 18:18	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.1	0.36	1		08/07/11 18:18	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.1	0.26	1		08/07/11 18:18	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.1	0.54	1		08/07/11 18:18	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	0.41	1		08/07/11 18:18	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	0.22	1		08/07/11 18:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.1	0.26	1		08/07/11 18:18	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.1	0.23	1		08/07/11 18:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.3	0.39	1		08/07/11 18:18	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/07/11 18:18	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.1	0.33	1		08/07/11 18:18	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.1	0.20	1		08/07/11 18:18	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.1	0.29	1		08/07/11 18:18	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/07/11 18:18	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.1	0.20	1		08/07/11 18:18	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.5	1.6	1		08/07/11 18:18	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.1	0.33	1		08/07/11 18:18	95-49-8	
2-Hexanone	ND	ug/kg	10.5	0.38	1		08/07/11 18:18	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.1	0.28	1		08/07/11 18:18	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.5	0.32	1		08/07/11 18:18	108-10-1	
Acetone	16.4	ug/kg	10.5	1.2	1		08/07/11 18:18	67-64-1	1n,B
Benzene	0.45J	ug/kg	3.1	0.16	1		08/07/11 18:18	71-43-2	B
Bromobenzene	ND	ug/kg	3.1	0.25	1		08/07/11 18:18	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	0.23	1		08/07/11 18:18	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	0.12	1		08/07/11 18:18	75-27-4	
Bromoform	ND	ug/kg	3.1	0.24	1		08/07/11 18:18	75-25-2	
Bromomethane	ND	ug/kg	3.1	0.33	1		08/07/11 18:18	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 1-2 Lab ID: 258703018 Collected: 08/02/11 12:10 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	19.2	ug/kg	3.1	0.29	1		08/07/11 18:18	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.1	0.19	1		08/07/11 18:18	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	0.19	1		08/07/11 18:18	108-90-7	
Chloroethane	ND	ug/kg	3.1	0.30	1		08/07/11 18:18	75-00-3	
Chloroform	ND	ug/kg	3.1	0.20	1		08/07/11 18:18	67-66-3	
Chloromethane	ND	ug/kg	3.1	0.22	1		08/07/11 18:18	74-87-3	
Dibromochloromethane	ND	ug/kg	3.1	0.11	1		08/07/11 18:18	124-48-1	
Dibromomethane	ND	ug/kg	3.1	0.22	1		08/07/11 18:18	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.1	0.44	1		08/07/11 18:18	75-71-8	
Ethylbenzene	ND	ug/kg	3.1	0.40	1		08/07/11 18:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.1	0.31	1		08/07/11 18:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	0.36	1		08/07/11 18:18	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.1	0.26	1		08/07/11 18:18	1634-04-4	
Methylene chloride	ND	ug/kg	10.5	2.8	1		08/07/11 18:18	75-09-2	
Naphthalene	ND	ug/kg	3.1	0.57	1		08/07/11 18:18	91-20-3	
Styrene	ND	ug/kg	3.1	0.30	1		08/07/11 18:18	100-42-5	
Tetrachloroethene	ND	ug/kg	3.1	0.40	1		08/07/11 18:18	127-18-4	
Toluene	0.50J	ug/kg	3.1	0.32	1		08/07/11 18:18	108-88-3	
Trichloroethene	ND	ug/kg	3.1	0.22	1		08/07/11 18:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.1	0.24	1		08/07/11 18:18	75-69-4	
Vinyl chloride	ND	ug/kg	3.1	0.29	1		08/07/11 18:18	75-01-4	
Xylene (Total)	ND	ug/kg	9.4	0.79	1		08/07/11 18:18	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.1	0.22	1		08/07/11 18:18	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	0.14	1		08/07/11 18:18	10061-01-5	
m&p-Xylene	ND	ug/kg	6.3	0.79	1		08/07/11 18:18	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.1	0.48	1		08/07/11 18:18	104-51-8	
n-Propylbenzene	ND	ug/kg	3.1	0.37	1		08/07/11 18:18	103-65-1	
o-Xylene	ND	ug/kg	3.1	0.34	1		08/07/11 18:18	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.1	0.40	1		08/07/11 18:18	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.1	0.44	1		08/07/11 18:18	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.1	0.27	1		08/07/11 18:18	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.1	0.36	1		08/07/11 18:18	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	0.31	1		08/07/11 18:18	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	0.22	1		08/07/11 18:18	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	72-129		1		08/07/11 18:18	1868-53-7	
Toluene-d8 (S)	97	%	69-133		1		08/07/11 18:18	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/07/11 18:18	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	67-136		1		08/07/11 18:18	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	8.6	%	0.10	0.10	1		08/04/11 16:21		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 2-4 Lab ID: 258703019 Collected: 08/02/11 12:15 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	912	mg/kg	26.7	4.0	10	08/03/11 15:20	08/18/11 16:32	7440-38-2	
Cadmium	2.6J	mg/kg	13.3	0.15	10	08/03/11 15:20	08/18/11 16:32	7440-43-9	
Lead	1380	mg/kg	6.7	0.42	5	08/03/11 15:20	08/18/11 13:13	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	2260	716	5	08/09/11 17:20	08/15/11 21:15	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	41	%	26-135		5	08/09/11 17:20	08/15/11 21:15	118-79-6	D3
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		08/07/11 15:45	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		08/07/11 15:45	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		08/07/11 15:45	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		08/07/11 15:45	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.55	1		08/07/11 15:45	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.32	1		08/07/11 15:45	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.51	1		08/07/11 15:45	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.48	1		08/07/11 15:45	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		08/07/11 15:45	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.47	1		08/07/11 15:45	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.33	1		08/07/11 15:45	120-82-1	
1,2,4-Trimethylbenzene	91.8	ug/kg	4.1	0.71	1		08/07/11 15:45	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	0.53	1		08/07/11 15:45	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		08/07/11 15:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.34	1		08/07/11 15:45	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.1	0.30	1		08/07/11 15:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.2	0.51	1		08/07/11 15:45	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		08/07/11 15:45	78-87-5	
1,3,5-Trimethylbenzene	49.7	ug/kg	4.1	0.44	1		08/07/11 15:45	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		08/07/11 15:45	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		08/07/11 15:45	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		08/07/11 15:45	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.26	1		08/07/11 15:45	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.7	2.1	1		08/07/11 15:45	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		08/07/11 15:45	95-49-8	
2-Hexanone	ND	ug/kg	13.7	0.49	1		08/07/11 15:45	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.36	1		08/07/11 15:45	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.7	0.42	1		08/07/11 15:45	108-10-1	
Acetone	310	ug/kg	13.7	1.5	1		08/07/11 15:45	67-64-1	1n,B
Benzene	8.6	ug/kg	4.1	0.21	1		08/07/11 15:45	71-43-2	B
Bromobenzene	ND	ug/kg	4.1	0.32	1		08/07/11 15:45	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		08/07/11 15:45	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		08/07/11 15:45	75-27-4	
Bromoform	ND	ug/kg	4.1	0.32	1		08/07/11 15:45	75-25-2	
Bromomethane	ND	ug/kg	4.1	0.43	1		08/07/11 15:45	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 2-4 Lab ID: 258703019 Collected: 08/02/11 12:15 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	3.2J	ug/kg	4.1	0.38	1		08/07/11 15:45	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		08/07/11 15:45	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	0.25	1		08/07/11 15:45	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.40	1		08/07/11 15:45	75-00-3	
Chloroform	ND	ug/kg	4.1	0.27	1		08/07/11 15:45	67-66-3	
Chloromethane	ND	ug/kg	4.1	0.28	1		08/07/11 15:45	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		08/07/11 15:45	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.29	1		08/07/11 15:45	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.57	1		08/07/11 15:45	75-71-8	
Ethylbenzene	4.7	ug/kg	4.1	0.52	1		08/07/11 15:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	0.41	1		08/07/11 15:45	87-68-3	
Isopropylbenzene (Cumene)	4.4	ug/kg	4.1	0.47	1		08/07/11 15:45	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.34	1		08/07/11 15:45	1634-04-4	
Methylene chloride	ND	ug/kg	13.7	3.6	1		08/07/11 15:45	75-09-2	
Naphthalene	150	ug/kg	4.1	0.75	1		08/07/11 15:45	91-20-3	
Styrene	ND	ug/kg	4.1	0.39	1		08/07/11 15:45	100-42-5	
Tetrachloroethene	2.0J	ug/kg	4.1	0.52	1		08/07/11 15:45	127-18-4	B
Toluene	9.4	ug/kg	4.1	0.42	1		08/07/11 15:45	108-88-3	
Trichloroethene	5.1	ug/kg	4.1	0.29	1		08/07/11 15:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.31	1		08/07/11 15:45	75-69-4	
Vinyl chloride	2.2J	ug/kg	4.1	0.38	1		08/07/11 15:45	75-01-4	
Xylene (Total)	40.8	ug/kg	12.3	1.0	1		08/07/11 15:45	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	0.29	1		08/07/11 15:45	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		08/07/11 15:45	10061-01-5	
m&p-Xylene	17.3	ug/kg	8.2	1.0	1		08/07/11 15:45	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.1	0.63	1		08/07/11 15:45	104-51-8	
n-Propylbenzene	5.4	ug/kg	4.1	0.48	1		08/07/11 15:45	103-65-1	
o-Xylene	23.5	ug/kg	4.1	0.45	1		08/07/11 15:45	95-47-6	
p-Isopropyltoluene	121	ug/kg	4.1	0.53	1		08/07/11 15:45	99-87-6	
sec-Butylbenzene	5.8	ug/kg	4.1	0.57	1		08/07/11 15:45	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.35	1		08/07/11 15:45	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.47	1		08/07/11 15:45	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	0.41	1		08/07/11 15:45	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.29	1		08/07/11 15:45	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%		72-129		1	08/07/11 15:45	1868-53-7	
Toluene-d8 (S)	111	%		69-133		1	08/07/11 15:45	2037-26-5	
4-Bromofluorobenzene (S)	124	%		67-142		1	08/07/11 15:45	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%		67-136		1	08/07/11 15:45	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.2	%		0.10	0.10	1	08/04/11 16:22		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 4-6 Lab ID: 258703020 Collected: 08/02/11 12:20 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	896	mg/kg	47.1	7.0	25	08/03/11 15:20	08/18/11 16:36	7440-38-2	
Cadmium	ND	mg/kg	23.6	0.26	25	08/03/11 15:20	08/18/11 16:36	7440-43-9	
Lead	1770	mg/kg	4.7	0.30	5	08/03/11 15:20	08/18/11 13:17	7439-92-1	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	2300	727	5	08/10/11 11:45	08/16/11 16:21	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	68	%	26-135		5	08/10/11 11:45	08/16/11 16:21	118-79-6	D3
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		08/05/11 17:09	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/05/11 17:09	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.32	1		08/05/11 17:09	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		08/05/11 17:09	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		08/05/11 17:09	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/05/11 17:09	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/05/11 17:09	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		08/05/11 17:09	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.32	1		08/05/11 17:09	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		08/05/11 17:09	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		08/05/11 17:09	120-82-1	
1,2,4-Trimethylbenzene	51.5	ug/kg	3.4	0.59	1		08/05/11 17:09	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.44	1		08/05/11 17:09	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/05/11 17:09	106-93-4	
1,2-Dichlorobenzene	1.5J	ug/kg	3.4	0.28	1		08/05/11 17:09	95-50-1	B
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/05/11 17:09	107-06-2	
1,2-Dichloroethene (Total)	12.1	ug/kg	6.8	0.42	1		08/05/11 17:09	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/05/11 17:09	78-87-5	
1,3,5-Trimethylbenzene	22.8	ug/kg	3.4	0.36	1		08/05/11 17:09	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		08/05/11 17:09	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.32	1		08/05/11 17:09	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/05/11 17:09	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/05/11 17:09	594-20-7	
2-Butanone (MEK)	16.0	ug/kg	11.4	1.7	1		08/05/11 17:09	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/05/11 17:09	95-49-8	
2-Hexanone	ND	ug/kg	11.4	0.41	1		08/05/11 17:09	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/05/11 17:09	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.4	0.35	1		08/05/11 17:09	108-10-1	
Acetone	71.6	ug/kg	11.4	1.2	1		08/05/11 17:09	67-64-1	1n,B
Benzene	3.3J	ug/kg	3.4	0.17	1		08/05/11 17:09	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.27	1		08/05/11 17:09	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/05/11 17:09	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/05/11 17:09	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/05/11 17:09	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/05/11 17:09	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 4-6 Lab ID: 258703020 Collected: 08/02/11 12:20 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	3.7	ug/kg	3.4	0.32	1		08/05/11 17:09	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		08/05/11 17:09	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/05/11 17:09	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/05/11 17:09	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/05/11 17:09	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		08/05/11 17:09	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		08/05/11 17:09	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/05/11 17:09	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		08/05/11 17:09	75-71-8	
Ethylbenzene	3.0J	ug/kg	3.4	0.43	1		08/05/11 17:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		08/05/11 17:09	87-68-3	
Isopropylbenzene (Cumene)	2.1J	ug/kg	3.4	0.39	1		08/05/11 17:09	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		08/05/11 17:09	1634-04-4	
Methylene chloride	ND	ug/kg	11.4	3.0	1		08/05/11 17:09	75-09-2	
Naphthalene	240	ug/kg	3.4	0.62	1		08/05/11 17:09	91-20-3	
Styrene	ND	ug/kg	3.4	0.33	1		08/05/11 17:09	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	0.49	1		08/11/11 17:32	127-18-4	
Toluene	6.0	ug/kg	3.4	0.35	1		08/05/11 17:09	108-88-3	
Trichloroethene	4.2	ug/kg	3.4	0.24	1		08/05/11 17:09	79-01-6	B
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/05/11 17:09	75-69-4	
Vinyl chloride	2.9J	ug/kg	3.4	0.32	1		08/05/11 17:09	75-01-4	
Xylene (Total)	23.5	ug/kg	10.2	0.85	1		08/05/11 17:09	1330-20-7	
cis-1,2-Dichloroethene	8.6	ug/kg	3.4	0.24	1		08/05/11 17:09	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/05/11 17:09	10061-01-5	
m&p-Xylene	9.8	ug/kg	6.8	0.85	1		08/05/11 17:09	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		08/05/11 17:09	104-51-8	
n-Propylbenzene	3.3J	ug/kg	3.4	0.40	1		08/05/11 17:09	103-65-1	
o-Xylene	13.8	ug/kg	3.4	0.37	1		08/05/11 17:09	95-47-6	
p-Isopropyltoluene	21.9	ug/kg	3.4	0.44	1		08/05/11 17:09	99-87-6	
sec-Butylbenzene	4.7	ug/kg	3.4	0.48	1		08/05/11 17:09	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		08/05/11 17:09	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/05/11 17:09	98-06-6	
trans-1,2-Dichloroethene	3.4	ug/kg	3.4	0.34	1		08/05/11 17:09	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/05/11 17:09	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110	%	72-129		1		08/05/11 17:09	1868-53-7	
Toluene-d8 (S)	111	%	69-133		1		08/05/11 17:09	2037-26-5	
4-Bromofluorobenzene (S)	119	%	67-142		1		08/05/11 17:09	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	67-136		1		08/05/11 17:09	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	28.8	%	0.10	0.10	1		08/04/11 16:22		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 6-8 Lab ID: 258703021 Collected: 08/02/11 12:25 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	838	mg/kg	6.5	0.97	2	08/03/11 15:20	08/14/11 21:42	7440-38-2	
Cadmium	9.2	mg/kg	3.3	0.036	2	08/03/11 15:20	08/14/11 21:42	7440-43-9	
Lead	270	mg/kg	1.6	0.10	1	08/03/11 15:20	08/14/11 17:29	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	610	193	1	08/10/11 11:45	08/15/11 02:51	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	67	%	40-138		1	08/10/11 11:45	08/15/11 02:51	4165-60-0	
2-Fluorobiphenyl (S)	72	%	46-118		1	08/10/11 11:45	08/15/11 02:51	321-60-8	
Terphenyl-d14 (S)	67	%	41-137		1	08/10/11 11:45	08/15/11 02:51	1718-51-0	
Phenol-d6 (S)	65	%	44-120		1	08/10/11 11:45	08/15/11 02:51	13127-88-3	
2-Fluorophenol (S)	62	%	37-117		1	08/10/11 11:45	08/15/11 02:51	367-12-4	
2,4,6-Tribromophenol (S)	77	%	26-135		1	08/10/11 11:45	08/15/11 02:51	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	0.30	1		08/11/11 17:53	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.2	0.38	1		08/11/11 17:53	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	0.57	1		08/11/11 17:53	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.2	0.57	1		08/11/11 17:53	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.2	0.83	1		08/11/11 17:53	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.2	0.49	1		08/11/11 17:53	75-34-3	
1,1-Dichloroethene	ND	ug/kg	6.2	0.76	1		08/11/11 17:53	75-35-4	
1,1-Dichloropropene	ND	ug/kg	6.2	0.72	1		08/11/11 17:53	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	0.57	1		08/11/11 17:53	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	6.2	0.70	1		08/11/11 17:53	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	0.50	1		08/11/11 17:53	120-82-1	
1,2,4-Trimethylbenzene	8.0	ug/kg	6.2	1.1	1		08/11/11 17:53	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.3	0.80	1		08/11/11 17:53	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	0.43	1		08/11/11 17:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.2	0.51	1		08/11/11 17:53	95-50-1	
1,2-Dichloroethane	ND	ug/kg	6.2	0.45	1		08/11/11 17:53	107-06-2	
1,2-Dichloroethene (Total)	4.5J	ug/kg	12.3	0.76	1		08/11/11 17:53	540-59-0	
1,2-Dichloropropane	ND	ug/kg	6.2	0.37	1		08/11/11 17:53	78-87-5	
1,3,5-Trimethylbenzene	7.1	ug/kg	6.2	0.65	1		08/11/11 17:53	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	6.2	0.39	1		08/11/11 17:53	541-73-1	
1,3-Dichloropropane	ND	ug/kg	6.2	0.57	1		08/11/11 17:53	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	6.2	0.49	1		08/11/11 17:53	106-46-7	
2,2-Dichloropropane	ND	ug/kg	6.2	0.38	1		08/11/11 17:53	594-20-7	
2-Butanone (MEK)	29.3	ug/kg	20.5	3.1	1		08/11/11 17:53	78-93-3	
2-Chlorotoluene	ND	ug/kg	6.2	0.65	1		08/11/11 17:53	95-49-8	
2-Hexanone	ND	ug/kg	20.5	0.74	1		08/11/11 17:53	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.2	0.55	1		08/11/11 17:53	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.5	0.62	1		08/11/11 17:53	108-10-1	
Acetone	145	ug/kg	20.5	2.3	1		08/11/11 17:53	67-64-1	1n
Benzene	6.0J	ug/kg	6.2	0.31	1		08/11/11 17:53	71-43-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 6-8 Lab ID: 258703021 Collected: 08/02/11 12:25 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromobenzene	ND	ug/kg	6.2	0.48	1		08/11/11 17:53	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	0.45	1		08/11/11 17:53	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	0.24	1		08/11/11 17:53	75-27-4	
Bromoform	ND	ug/kg	6.2	0.47	1		08/11/11 17:53	75-25-2	
Bromomethane	ND	ug/kg	6.2	0.65	1		08/11/11 17:53	74-83-9	
Carbon disulfide	53.7	ug/kg	6.2	0.57	1		08/11/11 17:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.2	0.37	1		08/11/11 17:53	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	0.38	1		08/11/11 17:53	108-90-7	
Chloroethane	ND	ug/kg	6.2	0.59	1		08/11/11 17:53	75-00-3	
Chloroform	ND	ug/kg	6.2	0.40	1		08/11/11 17:53	67-66-3	
Chloromethane	ND	ug/kg	6.2	0.42	1		08/11/11 17:53	74-87-3	
Dibromochloromethane	ND	ug/kg	6.2	0.21	1		08/11/11 17:53	124-48-1	
Dibromomethane	ND	ug/kg	6.2	0.43	1		08/11/11 17:53	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.2	0.85	1		08/11/11 17:53	75-71-8	
Ethylbenzene	1.3J	ug/kg	6.2	0.78	1		08/11/11 17:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.2	0.61	1		08/11/11 17:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	0.71	1		08/11/11 17:53	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.2	0.51	1		08/11/11 17:53	1634-04-4	
Methylene chloride	ND	ug/kg	20.5	5.4	1		08/11/11 17:53	75-09-2	
Naphthalene	10.3	ug/kg	6.2	1.1	1		08/11/11 17:53	91-20-3	B
Styrene	ND	ug/kg	6.2	0.59	1		08/11/11 17:53	100-42-5	
Tetrachloroethene	ND	ug/kg	6.2	0.78	1		08/11/11 17:53	127-18-4	
Toluene	6.5	ug/kg	6.2	0.63	1		08/11/11 17:53	108-88-3	
Trichloroethene	ND	ug/kg	6.2	0.43	1		08/11/11 17:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	0.47	1		08/11/11 17:53	75-69-4	
Vinyl chloride	ND	ug/kg	6.2	0.57	1		08/11/11 17:53	75-01-4	
Xylene (Total)	8.1J	ug/kg	18.5	1.5	1		08/11/11 17:53	1330-20-7	B
cis-1,2-Dichloroethene	3.0J	ug/kg	6.2	0.43	1		08/11/11 17:53	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	0.27	1		08/11/11 17:53	10061-01-5	
m&p-Xylene	3.6J	ug/kg	12.3	1.5	1		08/11/11 17:53	179601-23-1	
n-Butylbenzene	ND	ug/kg	6.2	0.94	1		08/11/11 17:53	104-51-8	
n-Propylbenzene	ND	ug/kg	6.2	0.72	1		08/11/11 17:53	103-65-1	
o-Xylene	4.6J	ug/kg	6.2	0.67	1		08/11/11 17:53	95-47-6	
p-Isopropyltoluene	2.5J	ug/kg	6.2	0.79	1		08/11/11 17:53	99-87-6	B
sec-Butylbenzene	ND	ug/kg	6.2	0.86	1		08/11/11 17:53	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	6.2	0.53	1		08/11/11 17:53	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.2	0.71	1		08/11/11 17:53	98-06-6	
trans-1,2-Dichloroethene	1.5J	ug/kg	6.2	0.61	1		08/11/11 17:53	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	0.43	1		08/11/11 17:53	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109 %		72-129		1		08/11/11 17:53	1868-53-7	
Toluene-d8 (S)	104 %		69-133		1		08/11/11 17:53	2037-26-5	
4-Bromofluorobenzene (S)	105 %		67-142		1		08/11/11 17:53	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		67-136		1		08/11/11 17:53	17060-07-0	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 6-8 **Lab ID: 258703021** Collected: 08/02/11 12:25 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	46.2	%	0.10	0.10	1		08/05/11 15:22		

Sample: SUP_SL_49 12-14 **Lab ID: 258703022** Collected: 08/02/11 12:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	84.2	mg/kg	2.5	0.38	1	08/03/11 15:20	08/14/11 17:32	7440-38-2	
Cadmium	0.64J	mg/kg	1.3	0.014	1	08/03/11 15:20	08/14/11 17:32	7440-43-9	
Lead	6.3	mg/kg	1.3	0.080	1	08/03/11 15:20	08/14/11 17:32	7439-92-1	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	449	142	1	08/10/11 11:45	08/16/11 12:11	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	63	%	26-135		1	08/10/11 11:45	08/16/11 12:11	118-79-6	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	0.18	1		08/07/11 17:10	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	0.22	1		08/07/11 17:10	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	0.33	1		08/07/11 17:10	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	0.33	1		08/07/11 17:10	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	0.48	1		08/07/11 17:10	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	0.28	1		08/07/11 17:10	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	0.45	1		08/07/11 17:10	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.6	0.42	1		08/07/11 17:10	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	0.33	1		08/07/11 17:10	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	0.41	1		08/07/11 17:10	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	0.29	1		08/07/11 17:10	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	0.62	1		08/07/11 17:10	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	0.47	1		08/07/11 17:10	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	0.25	1		08/07/11 17:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	0.30	1		08/07/11 17:10	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	0.27	1		08/07/11 17:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.2	0.45	1		08/07/11 17:10	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/07/11 17:10	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.38	1		08/07/11 17:10	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		08/07/11 17:10	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.33	1		08/07/11 17:10	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		08/07/11 17:10	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/07/11 17:10	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.0	1.8	1		08/07/11 17:10	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	0.38	1		08/07/11 17:10	95-49-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 12-14 Lab ID: 258703022 Collected: 08/02/11 12:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2-Hexanone	ND	ug/kg	12.0	0.43	1		08/07/11 17:10	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		08/07/11 17:10	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.0	0.37	1		08/07/11 17:10	108-10-1	
Acetone	23.0	ug/kg	12.0	1.3	1		08/07/11 17:10	67-64-1	1n,B
Benzene	ND	ug/kg	3.6	0.18	1		08/07/11 17:10	71-43-2	
Bromobenzene	ND	ug/kg	3.6	0.28	1		08/07/11 17:10	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.26	1		08/07/11 17:10	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		08/07/11 17:10	75-27-4	
Bromoform	ND	ug/kg	3.6	0.28	1		08/07/11 17:10	75-25-2	
Bromomethane	ND	ug/kg	3.6	0.38	1		08/07/11 17:10	74-83-9	
Carbon disulfide	1.1J	ug/kg	3.6	0.33	1		08/07/11 17:10	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.6	0.22	1		08/07/11 17:10	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		08/07/11 17:10	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.35	1		08/07/11 17:10	75-00-3	
Chloroform	ND	ug/kg	3.6	0.23	1		08/07/11 17:10	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.25	1		08/07/11 17:10	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		08/07/11 17:10	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		08/07/11 17:10	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.50	1		08/07/11 17:10	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.46	1		08/07/11 17:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.36	1		08/07/11 17:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.42	1		08/07/11 17:10	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		08/07/11 17:10	1634-04-4	
Methylene chloride	ND	ug/kg	12.0	3.2	1		08/07/11 17:10	75-09-2	
Naphthalene	ND	ug/kg	3.6	0.66	1		08/07/11 17:10	91-20-3	
Styrene	ND	ug/kg	3.6	0.35	1		08/07/11 17:10	100-42-5	
Tetrachloroethene	ND	ug/kg	3.6	0.46	1		08/07/11 17:10	127-18-4	
Toluene	ND	ug/kg	3.6	0.37	1		08/07/11 17:10	108-88-3	
Trichloroethene	ND	ug/kg	3.6	0.25	1		08/07/11 17:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	0.28	1		08/07/11 17:10	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.34	1		08/07/11 17:10	75-01-4	
Xylene (Total)	ND	ug/kg	10.8	0.90	1		08/07/11 17:10	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	0.25	1		08/07/11 17:10	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.16	1		08/07/11 17:10	10061-01-5	
m&p-Xylene	ND	ug/kg	7.2	0.90	1		08/07/11 17:10	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	0.55	1		08/07/11 17:10	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	0.42	1		08/07/11 17:10	103-65-1	
o-Xylene	ND	ug/kg	3.6	0.39	1		08/07/11 17:10	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	0.46	1		08/07/11 17:10	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.50	1		08/07/11 17:10	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	0.31	1		08/07/11 17:10	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.41	1		08/07/11 17:10	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	0.36	1		08/07/11 17:10	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		08/07/11 17:10	10061-02-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_49 12-14 **Lab ID: 258703022** Collected: 08/02/11 12:50 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
Dibromofluoromethane (S)	104 %		72-129		1		08/07/11 17:10	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/07/11 17:10	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/07/11 17:10	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/07/11 17:10	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	26.7 %		0.10	0.10	1		08/05/11 15:23		

Sample: SUP_SL_49 14-16 **Lab ID: 258703023** Collected: 08/02/11 12:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	104 mg/kg		2.4	0.36	1	08/03/11 15:20	08/14/11 17:36	7440-38-2	
Cadmium	0.80J mg/kg		1.2	0.013	1	08/03/11 15:20	08/14/11 17:36	7440-43-9	
Lead	6.0 mg/kg		1.2	0.076	1	08/03/11 15:20	08/14/11 17:36	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND ug/kg		431	136	1	08/10/11 11:45	08/16/11 12:34	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	66 %		26-135		1	08/10/11 11:45	08/16/11 12:34	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		3.4	0.17	1		08/05/11 18:00	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		3.4	0.21	1		08/05/11 18:00	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		3.4	0.32	1		08/05/11 18:00	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		3.4	0.32	1		08/05/11 18:00	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		3.4	0.46	1		08/05/11 18:00	76-13-1	
1,1-Dichloroethane	ND ug/kg		3.4	0.27	1		08/05/11 18:00	75-34-3	
1,1-Dichloroethene	ND ug/kg		3.4	0.43	1		08/05/11 18:00	75-35-4	
1,1-Dichloropropene	ND ug/kg		3.4	0.40	1		08/05/11 18:00	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		3.4	0.32	1		08/05/11 18:00	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		3.4	0.39	1		08/05/11 18:00	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		3.4	0.28	1		08/05/11 18:00	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		3.4	0.59	1		08/05/11 18:00	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/kg		5.7	0.45	1		08/05/11 18:00	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/kg		3.4	0.24	1		08/05/11 18:00	106-93-4	
1,2-Dichlorobenzene	ND ug/kg		3.4	0.28	1		08/05/11 18:00	95-50-1	
1,2-Dichloroethane	ND ug/kg		3.4	0.25	1		08/05/11 18:00	107-06-2	
1,2-Dichloroethene (Total)	ND ug/kg		6.9	0.43	1		08/05/11 18:00	540-59-0	
1,2-Dichloropropane	ND ug/kg		3.4	0.21	1		08/05/11 18:00	78-87-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_49 14-16 Lab ID: 258703023 Collected: 08/02/11 12:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.37	1		08/05/11 18:00	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		08/05/11 18:00	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.32	1		08/05/11 18:00	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/05/11 18:00	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/05/11 18:00	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.5	1.7	1		08/05/11 18:00	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/05/11 18:00	95-49-8	
2-Hexanone	ND	ug/kg	11.5	0.41	1		08/05/11 18:00	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.31	1		08/05/11 18:00	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.5	0.35	1		08/05/11 18:00	108-10-1	
Acetone	19.3	ug/kg	11.5	1.3	1		08/05/11 18:00	67-64-1	1n,B
Benzene	ND	ug/kg	3.4	0.17	1		08/05/11 18:00	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.27	1		08/05/11 18:00	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/05/11 18:00	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.14	1		08/05/11 18:00	75-27-4	
Bromoform	ND	ug/kg	3.4	0.27	1		08/05/11 18:00	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/05/11 18:00	74-83-9	
Carbon disulfide	6.5	ug/kg	3.4	0.32	1		08/05/11 18:00	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		08/05/11 18:00	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/05/11 18:00	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/05/11 18:00	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/05/11 18:00	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.24	1		08/05/11 18:00	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.12	1		08/05/11 18:00	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/05/11 18:00	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.48	1		08/05/11 18:00	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.44	1		08/05/11 18:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		08/05/11 18:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.40	1		08/05/11 18:00	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.29	1		08/05/11 18:00	1634-04-4	
Methylene chloride	ND	ug/kg	11.5	3.0	1		08/05/11 18:00	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.63	1		08/05/11 18:00	91-20-3	
Styrene	ND	ug/kg	3.4	0.33	1		08/05/11 18:00	100-42-5	
Tetrachloroethene	2.9J	ug/kg	3.4	0.44	1		08/05/11 18:00	127-18-4	B
Toluene	ND	ug/kg	3.4	0.35	1		08/05/11 18:00	108-88-3	
Trichloroethene	0.55J	ug/kg	3.4	0.24	1		08/05/11 18:00	79-01-6	B
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/05/11 18:00	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		08/05/11 18:00	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	0.86	1		08/05/11 18:00	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		08/05/11 18:00	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/05/11 18:00	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.86	1		08/05/11 18:00	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.53	1		08/05/11 18:00	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		08/05/11 18:00	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/05/11 18:00	95-47-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_49 14-16 **Lab ID:** 258703023 Collected: 08/02/11 12:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		08/05/11 18:00	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.48	1		08/05/11 18:00	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.30	1		08/05/11 18:00	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.40	1		08/05/11 18:00	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		08/05/11 18:00	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/05/11 18:00	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/05/11 18:00	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/05/11 18:00	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/05/11 18:00	460-00-4	
1,2-Dichloroethane-d4 (S)	116 %		67-136		1		08/05/11 18:00	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.7 %		0.10	0.10	1		08/05/11 15:24		

Sample: SUP_SL_50 1-2 **Lab ID:** 258703024 Collected: 08/02/11 13:15 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	146	mg/kg	34.7	5.2	20	08/03/11 15:20	08/18/11 11:05	7440-38-2	
Cadmium	3.7J	mg/kg	17.3	0.19	20	08/03/11 15:20	08/18/11 11:05	7440-43-9	
Lead	1630	mg/kg	1.7	0.11	2	08/03/11 15:20	08/14/11 21:46	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	2000	634	5	08/10/11 11:45	08/16/11 16:44	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	50 %		26-135		5	08/10/11 11:45	08/16/11 16:44	118-79-6	D3
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/05/11 18:17	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/05/11 18:17	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/05/11 18:17	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/05/11 18:17	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/05/11 18:17	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/05/11 18:17	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/05/11 18:17	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/05/11 18:17	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/05/11 18:17	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/05/11 18:17	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/05/11 18:17	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/05/11 18:17	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50 1-2 Lab ID: 258703024 Collected: 08/02/11 13:15 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/05/11 18:17	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/05/11 18:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/05/11 18:17	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/05/11 18:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/05/11 18:17	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/05/11 18:17	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/05/11 18:17	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/05/11 18:17	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/05/11 18:17	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/05/11 18:17	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/05/11 18:17	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10	1.5	1		08/05/11 18:17	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/05/11 18:17	95-49-8	
2-Hexanone	ND	ug/kg	10	0.36	1		08/05/11 18:17	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/05/11 18:17	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10	0.30	1		08/05/11 18:17	108-10-1	
Acetone	8.8J	ug/kg	10	1.1	1		08/05/11 18:17	67-64-1	B
Benzene	ND	ug/kg	3.0	0.15	1		08/05/11 18:17	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/05/11 18:17	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/05/11 18:17	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/05/11 18:17	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/05/11 18:17	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/05/11 18:17	74-83-9	
Carbon disulfide	2.4J	ug/kg	3.0	0.28	1		08/05/11 18:17	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/05/11 18:17	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/05/11 18:17	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/05/11 18:17	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/05/11 18:17	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/05/11 18:17	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/05/11 18:17	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/05/11 18:17	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/05/11 18:17	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/05/11 18:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/05/11 18:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/05/11 18:17	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/05/11 18:17	1634-04-4	
Methylene chloride	ND	ug/kg	10	2.6	1		08/05/11 18:17	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		08/05/11 18:17	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/05/11 18:17	100-42-5	
Tetrachloroethene	2.2J	ug/kg	3.0	0.38	1		08/05/11 18:17	127-18-4	B
Toluene	ND	ug/kg	3.0	0.31	1		08/05/11 18:17	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/05/11 18:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/05/11 18:17	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/05/11 18:17	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/05/11 18:17	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_50 1-2 Lab ID: 258703024 Collected: 08/02/11 13:15 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/05/11 18:17	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/05/11 18:17	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/05/11 18:17	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/05/11 18:17	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/05/11 18:17	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/05/11 18:17	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/05/11 18:17	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/05/11 18:17	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/05/11 18:17	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/05/11 18:17	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/05/11 18:17	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/05/11 18:17	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/05/11 18:17	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/05/11 18:17	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-142		1		08/05/11 18:17	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		67-136		1		08/05/11 18:17	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.6 %		0.10	0.10	1		08/05/11 15:24		

Sample: SUP_SL_50 2-4 Lab ID: 258703025 Collected: 08/02/11 13:25 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	29.6J	mg/kg	43.6	6.5	20	08/03/11 15:20	08/18/11 11:08	7440-38-2	
Cadmium	3.8J	mg/kg	21.8	0.24	20	08/03/11 15:20	08/18/11 11:08	7440-43-9	
Lead	2390	mg/kg	2.2	0.14	2	08/03/11 15:20	08/14/11 21:50	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	2180	690	5	08/10/11 11:45	08/16/11 17:07	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	45 %		26-135		5	08/10/11 11:45	08/16/11 17:07	118-79-6	D3
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		08/07/11 16:02	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		08/07/11 16:02	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		08/07/11 16:02	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.32	1		08/07/11 16:02	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		08/07/11 16:02	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.28	1		08/07/11 16:02	75-34-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50 2-4 Lab ID: 258703025 Collected: 08/02/11 13:25 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		08/07/11 16:02	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.41	1		08/07/11 16:02	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.32	1		08/07/11 16:02	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		08/07/11 16:02	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		08/07/11 16:02	120-82-1	
1,2,4-Trimethylbenzene	12.4	ug/kg	3.5	0.60	1		08/07/11 16:02	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.45	1		08/07/11 16:02	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.24	1		08/07/11 16:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		08/07/11 16:02	95-50-1	
1,2-Dichloroethane	5.6	ug/kg	3.5	0.26	1		08/07/11 16:02	107-06-2	
1,2-Dichloroethene (Total)	2.8J	ug/kg	7.0	0.43	1		08/07/11 16:02	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/07/11 16:02	78-87-5	
1,3,5-Trimethylbenzene	5.4	ug/kg	3.5	0.37	1		08/07/11 16:02	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		08/07/11 16:02	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		08/07/11 16:02	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/07/11 16:02	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		08/07/11 16:02	594-20-7	
2-Butanone (MEK)	52.6	ug/kg	11.6	1.8	1		08/07/11 16:02	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.37	1		08/07/11 16:02	95-49-8	
2-Hexanone	ND	ug/kg	11.6	0.42	1		08/07/11 16:02	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		08/07/11 16:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.6	0.35	1		08/07/11 16:02	108-10-1	
Acetone	229	ug/kg	11.6	1.3	1		08/07/11 16:02	67-64-1	1n,B
Benzene	2.1J	ug/kg	3.5	0.17	1		08/07/11 16:02	71-43-2	B
Bromobenzene	ND	ug/kg	3.5	0.27	1		08/07/11 16:02	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		08/07/11 16:02	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		08/07/11 16:02	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		08/07/11 16:02	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		08/07/11 16:02	74-83-9	
Carbon disulfide	15.4	ug/kg	3.5	0.32	1		08/07/11 16:02	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		08/07/11 16:02	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		08/07/11 16:02	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.34	1		08/07/11 16:02	75-00-3	
Chloroform	ND	ug/kg	3.5	0.23	1		08/07/11 16:02	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		08/07/11 16:02	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		08/07/11 16:02	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		08/07/11 16:02	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.48	1		08/07/11 16:02	75-71-8	
Ethylbenzene	1.2J	ug/kg	3.5	0.44	1		08/07/11 16:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.34	1		08/07/11 16:02	87-68-3	
Isopropylbenzene (Cumene)	1.4J	ug/kg	3.5	0.40	1		08/07/11 16:02	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		08/07/11 16:02	1634-04-4	
Methylene chloride	ND	ug/kg	11.6	3.1	1		08/07/11 16:02	75-09-2	
Naphthalene	16.9	ug/kg	3.5	0.64	1		08/07/11 16:02	91-20-3	
Styrene	ND	ug/kg	3.5	0.33	1		08/07/11 16:02	100-42-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_50 2-4 **Lab ID:** 258703025 Collected: 08/02/11 13:25 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Tetrachloroethene	ND	ug/kg	3.5	0.44	1		08/07/11 16:02	127-18-4	
Toluene	2.1J	ug/kg	3.5	0.36	1		08/07/11 16:02	108-88-3	
Trichloroethene	0.82J	ug/kg	3.5	0.24	1		08/07/11 16:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		08/07/11 16:02	75-69-4	
Vinyl chloride	3.4J	ug/kg	3.5	0.33	1		08/07/11 16:02	75-01-4	
Xylene (Total)	9.0J	ug/kg	10.5	0.87	1		08/07/11 16:02	1330-20-7	
cis-1,2-Dichloroethene	2.8J	ug/kg	3.5	0.24	1		08/07/11 16:02	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		08/07/11 16:02	10061-01-5	
m&p-Xylene	3.1J	ug/kg	7.0	0.87	1		08/07/11 16:02	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		08/07/11 16:02	104-51-8	
n-Propylbenzene	0.88J	ug/kg	3.5	0.41	1		08/07/11 16:02	103-65-1	
o-Xylene	5.9	ug/kg	3.5	0.38	1		08/07/11 16:02	95-47-6	
p-Isopropyltoluene	12.1	ug/kg	3.5	0.45	1		08/07/11 16:02	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.49	1		08/07/11 16:02	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		08/07/11 16:02	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		08/07/11 16:02	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		08/07/11 16:02	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.24	1		08/07/11 16:02	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		72-129		1		08/07/11 16:02	1868-53-7	
Toluene-d8 (S)	103 %		69-133		1		08/07/11 16:02	2037-26-5	
4-Bromofluorobenzene (S)	110 %		67-142		1		08/07/11 16:02	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/07/11 16:02	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	24.7 %		0.10	0.10	1		08/05/11 15:25		

Sample: SUP_SL_50 8-10 **Lab ID:** 258703026 Collected: 08/02/11 13:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	578	mg/kg	4.7	0.69	2	08/03/11 15:20	08/14/11 21:53	7440-38-2	
Cadmium	4.8	mg/kg	2.3	0.026	2	08/03/11 15:20	08/14/11 21:53	7440-43-9	
Lead	297	mg/kg	1.2	0.073	1	08/03/11 15:20	08/14/11 17:47	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	435	138	1	08/10/11 11:45	08/16/11 15:58	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	65 %		26-135		1	08/10/11 11:45	08/16/11 15:58	118-79-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50 8-10 Lab ID: 258703026 Collected: 08/02/11 13:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		08/11/11 18:13	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		08/11/11 18:13	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		08/11/11 18:13	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.32	1		08/11/11 18:13	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		08/11/11 18:13	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.27	1		08/11/11 18:13	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		08/11/11 18:13	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.40	1		08/11/11 18:13	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.32	1		08/11/11 18:13	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		08/11/11 18:13	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		08/11/11 18:13	120-82-1	
1,2,4-Trimethylbenzene	0.96J	ug/kg	3.5	0.60	1		08/11/11 18:13	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.45	1		08/11/11 18:13	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.24	1		08/11/11 18:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		08/11/11 18:13	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		08/11/11 18:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.0	0.43	1		08/11/11 18:13	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/11/11 18:13	78-87-5	
1,3,5-Trimethylbenzene	0.37J	ug/kg	3.5	0.37	1		08/11/11 18:13	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		08/11/11 18:13	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		08/11/11 18:13	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/11/11 18:13	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		08/11/11 18:13	594-20-7	
2-Butanone (MEK)	7.2J	ug/kg	11.6	1.8	1		08/11/11 18:13	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.36	1		08/11/11 18:13	95-49-8	
2-Hexanone	ND	ug/kg	11.6	0.42	1		08/11/11 18:13	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		08/11/11 18:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.6	0.35	1		08/11/11 18:13	108-10-1	
Acetone	27.6	ug/kg	11.6	1.3	1		08/11/11 18:13	67-64-1	1n
Benzene	0.65J	ug/kg	3.5	0.17	1		08/11/11 18:13	71-43-2	
Bromobenzene	ND	ug/kg	3.5	0.27	1		08/11/11 18:13	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		08/11/11 18:13	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		08/11/11 18:13	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		08/11/11 18:13	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		08/11/11 18:13	74-83-9	
Carbon disulfide	10.5	ug/kg	3.5	0.32	1		08/11/11 18:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		08/11/11 18:13	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		08/11/11 18:13	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.34	1		08/11/11 18:13	75-00-3	
Chloroform	ND	ug/kg	3.5	0.23	1		08/11/11 18:13	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		08/11/11 18:13	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		08/11/11 18:13	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		08/11/11 18:13	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.48	1		08/11/11 18:13	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.44	1		08/11/11 18:13	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50 8-10 **Lab ID:** 258703026 Collected: 08/02/11 13:55 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.34	1		08/11/11 18:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.40	1		08/11/11 18:13	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		08/11/11 18:13	1634-04-4	
Methylene chloride	ND	ug/kg	11.6	3.1	1		08/11/11 18:13	75-09-2	
Naphthalene	4.6	ug/kg	3.5	0.64	1		08/11/11 18:13	91-20-3	B
Styrene	ND	ug/kg	3.5	0.33	1		08/11/11 18:13	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.44	1		08/11/11 18:13	127-18-4	
Toluene	0.57J	ug/kg	3.5	0.36	1		08/11/11 18:13	108-88-3	
Trichloroethene	ND	ug/kg	3.5	0.24	1		08/11/11 18:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		08/11/11 18:13	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.32	1		08/11/11 18:13	75-01-4	
Xylene (Total)	1.1J	ug/kg	10.4	0.87	1		08/11/11 18:13	1330-20-7	B
cis-1,2-Dichloroethene	0.29J	ug/kg	3.5	0.24	1		08/11/11 18:13	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		08/11/11 18:13	10061-01-5	
m&p-Xylene	ND	ug/kg	7.0	0.87	1		08/11/11 18:13	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		08/11/11 18:13	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		08/11/11 18:13	103-65-1	
o-Xylene	0.41J	ug/kg	3.5	0.38	1		08/11/11 18:13	95-47-6	
p-Isopropyltoluene	2.2J	ug/kg	3.5	0.45	1		08/11/11 18:13	99-87-6	B
sec-Butylbenzene	ND	ug/kg	3.5	0.49	1		08/11/11 18:13	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		08/11/11 18:13	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		08/11/11 18:13	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		08/11/11 18:13	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.24	1		08/11/11 18:13	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	72-129		1		08/11/11 18:13	1868-53-7	
Toluene-d8 (S)	101	%	69-133		1		08/11/11 18:13	2037-26-5	
4-Bromofluorobenzene (S)	104	%	67-142		1		08/11/11 18:13	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	67-136		1		08/11/11 18:13	17060-07-0	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	26.0	%	0.10	0.10	1		08/05/11 15:26		

Sample: SUP_SL_50 10-12 **Lab ID:** 258703027 Collected: 08/02/11 14:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	105	mg/kg	4.0	0.59	2	08/03/11 15:20	08/14/11 21:57	7440-38-2	
Cadmium	0.85J	mg/kg	2.0	0.022	2	08/03/11 15:20	08/14/11 21:57	7440-43-9	
Lead	192	mg/kg	1.0	0.063	1	08/03/11 15:20	08/14/11 17:50	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50 10-12 Lab ID: 258703027 Collected: 08/02/11 14:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	461	146	1	08/10/11 11:45	08/16/11 12:56	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	51	%	26-135		1	08/10/11 11:45	08/16/11 12:56	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.19	1		08/11/11 18:33	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		08/11/11 18:33	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		08/11/11 18:33	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.35	1		08/11/11 18:33	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.51	1		08/11/11 18:33	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		08/11/11 18:33	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.47	1		08/11/11 18:33	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.44	1		08/11/11 18:33	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		08/11/11 18:33	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.43	1		08/11/11 18:33	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.31	1		08/11/11 18:33	120-82-1	
1,2,4-Trimethylbenzene	0.75J	ug/kg	3.8	0.66	1		08/11/11 18:33	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	0.50	1		08/11/11 18:33	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.27	1		08/11/11 18:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/11/11 18:33	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		08/11/11 18:33	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.6	0.47	1		08/11/11 18:33	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/11/11 18:33	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.41	1		08/11/11 18:33	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		08/11/11 18:33	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		08/11/11 18:33	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/11/11 18:33	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.24	1		08/11/11 18:33	594-20-7	
2-Butanone (MEK)	19.2	ug/kg	12.7	1.9	1		08/11/11 18:33	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.40	1		08/11/11 18:33	95-49-8	
2-Hexanone	ND	ug/kg	12.7	0.46	1		08/11/11 18:33	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.34	1		08/11/11 18:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.7	0.39	1		08/11/11 18:33	108-10-1	
Acetone	76.6	ug/kg	12.7	1.4	1		08/11/11 18:33	67-64-1	1n
Benzene	0.63J	ug/kg	3.8	0.19	1		08/11/11 18:33	71-43-2	
Bromobenzene	ND	ug/kg	3.8	0.30	1		08/11/11 18:33	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		08/11/11 18:33	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		08/11/11 18:33	75-27-4	
Bromoform	ND	ug/kg	3.8	0.29	1		08/11/11 18:33	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.40	1		08/11/11 18:33	74-83-9	
Carbon disulfide	17.1	ug/kg	3.8	0.35	1		08/11/11 18:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		08/11/11 18:33	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		08/11/11 18:33	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.37	1		08/11/11 18:33	75-00-3	
Chloroform	ND	ug/kg	3.8	0.25	1		08/11/11 18:33	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50 10-12 Lab ID: 258703027 Collected: 08/02/11 14:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	3.8	0.26	1		08/11/11 18:33	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		08/11/11 18:33	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.27	1		08/11/11 18:33	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.53	1		08/11/11 18:33	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.48	1		08/11/11 18:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.38	1		08/11/11 18:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.44	1		08/11/11 18:33	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.32	1		08/11/11 18:33	1634-04-4	
Methylene chloride	ND	ug/kg	12.7	3.4	1		08/11/11 18:33	75-09-2	
Naphthalene	4.0	ug/kg	3.8	0.70	1		08/11/11 18:33	91-20-3	B
Styrene	ND	ug/kg	3.8	0.37	1		08/11/11 18:33	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	0.49	1		08/11/11 18:33	127-18-4	
Toluene	0.60J	ug/kg	3.8	0.39	1		08/11/11 18:33	108-88-3	
Trichloroethene	ND	ug/kg	3.8	0.27	1		08/11/11 18:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		08/11/11 18:33	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	0.36	1		08/11/11 18:33	75-01-4	
Xylene (Total)	ND	ug/kg	11.5	0.95	1		08/11/11 18:33	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	0.27	1		08/11/11 18:33	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.17	1		08/11/11 18:33	10061-01-5	
m&p-Xylene	ND	ug/kg	7.6	0.95	1		08/11/11 18:33	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	0.58	1		08/11/11 18:33	104-51-8	
n-Propylbenzene	0.96J	ug/kg	3.8	0.45	1		08/11/11 18:33	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.41	1		08/11/11 18:33	95-47-6	
p-Isopropyltoluene	0.97J	ug/kg	3.8	0.49	1		08/11/11 18:33	99-87-6	B
sec-Butylbenzene	ND	ug/kg	3.8	0.53	1		08/11/11 18:33	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.33	1		08/11/11 18:33	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.44	1		08/11/11 18:33	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		08/11/11 18:33	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.27	1		08/11/11 18:33	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108	%	72-129		1		08/11/11 18:33	1868-53-7	
Toluene-d8 (S)	97	%	69-133		1		08/11/11 18:33	2037-26-5	
4-Bromofluorobenzene (S)	102	%	67-142		1		08/11/11 18:33	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	67-136		1		08/11/11 18:33	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	28.9	%	0.10	0.10	1		08/05/11 15:27		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50 12-14 Lab ID: 258703028 Collected: 08/02/11 14:05 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	69.4	mg/kg	2.1	0.32	1	08/03/11 15:20	08/14/11 17:54	7440-38-2	
Cadmium	0.53J	mg/kg	1.1	0.012	1	08/03/11 15:20	08/14/11 17:54	7440-43-9	
Lead	101	mg/kg	1.1	0.067	1	08/03/11 15:20	08/14/11 17:54	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	446	141	1	08/10/11 11:45	08/16/11 13:19	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	64	%	26-135		1	08/10/11 11:45	08/16/11 13:19	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.19	1		08/05/11 22:14	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		08/05/11 22:14	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		08/05/11 22:14	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.36	1		08/05/11 22:14	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.51	1		08/05/11 22:14	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		08/05/11 22:14	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.47	1		08/05/11 22:14	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.45	1		08/05/11 22:14	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		08/05/11 22:14	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.44	1		08/05/11 22:14	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.31	1		08/05/11 22:14	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	0.66	1		08/05/11 22:14	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	0.50	1		08/05/11 22:14	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.27	1		08/05/11 22:14	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/05/11 22:14	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		08/05/11 22:14	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.7	0.47	1		08/05/11 22:14	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/05/11 22:14	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.41	1		08/05/11 22:14	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		08/05/11 22:14	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		08/05/11 22:14	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/05/11 22:14	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.24	1		08/05/11 22:14	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.8	1.9	1		08/05/11 22:14	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.40	1		08/05/11 22:14	95-49-8	
2-Hexanone	ND	ug/kg	12.8	0.46	1		08/05/11 22:14	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.34	1		08/05/11 22:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.8	0.39	1		08/05/11 22:14	108-10-1	
Acetone	50.2	ug/kg	12.8	1.4	1		08/05/11 22:14	67-64-1	1n,B
Benzene	ND	ug/kg	3.8	0.19	1		08/05/11 22:14	71-43-2	
Bromobenzene	ND	ug/kg	3.8	0.30	1		08/05/11 22:14	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		08/05/11 22:14	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		08/05/11 22:14	75-27-4	
Bromoform	ND	ug/kg	3.8	0.30	1		08/05/11 22:14	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.41	1		08/05/11 22:14	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50 12-14 Lab ID: 258703028 Collected: 08/02/11 14:05 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	4.0	ug/kg	3.8	0.36	1		08/05/11 22:14	75-15-0	B,C0
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		08/05/11 22:14	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		08/05/11 22:14	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.37	1		08/05/11 22:14	75-00-3	
Chloroform	ND	ug/kg	3.8	0.25	1		08/05/11 22:14	67-66-3	
Chloromethane	ND	ug/kg	3.8	0.26	1		08/05/11 22:14	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		08/05/11 22:14	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.27	1		08/05/11 22:14	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.53	1		08/05/11 22:14	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.48	1		08/05/11 22:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.38	1		08/05/11 22:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.44	1		08/05/11 22:14	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.32	1		08/05/11 22:14	1634-04-4	
Methylene chloride	ND	ug/kg	12.8	3.4	1		08/05/11 22:14	75-09-2	
Naphthalene	4.2	ug/kg	3.8	0.70	1		08/05/11 22:14	91-20-3	
Styrene	ND	ug/kg	3.8	0.37	1		08/05/11 22:14	100-42-5	
Tetrachloroethene	1.2J	ug/kg	3.8	0.49	1		08/05/11 22:14	127-18-4	B
Toluene	ND	ug/kg	3.8	0.39	1		08/05/11 22:14	108-88-3	
Trichloroethene	ND	ug/kg	3.8	0.27	1		08/05/11 22:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		08/05/11 22:14	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	0.36	1		08/05/11 22:14	75-01-4	
Xylene (Total)	ND	ug/kg	11.5	0.96	1		08/05/11 22:14	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	0.27	1		08/05/11 22:14	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.17	1		08/05/11 22:14	10061-01-5	
m&p-Xylene	ND	ug/kg	7.7	0.96	1		08/05/11 22:14	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	0.58	1		08/05/11 22:14	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	0.45	1		08/05/11 22:14	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.42	1		08/05/11 22:14	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	0.49	1		08/05/11 22:14	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	0.53	1		08/05/11 22:14	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.33	1		08/05/11 22:14	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.44	1		08/05/11 22:14	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		08/05/11 22:14	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.27	1		08/05/11 22:14	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/05/11 22:14	1868-53-7	
Toluene-d8 (S)	97	%	69-133		1		08/05/11 22:14	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/05/11 22:14	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	67-136		1		08/05/11 22:14	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	26.8	%	0.10	0.10	1		08/05/11 15:28		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_50 14-16 Lab ID: 258703029 Collected: 08/02/11 14:10 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	49.6	mg/kg	1.8	0.27	1	08/03/11 15:20	08/14/11 18:05	7440-38-2	
Cadmium	0.30J	mg/kg	0.90	0.0099	1	08/03/11 15:20	08/14/11 18:05	7440-43-9	
Lead	2.5	mg/kg	0.90	0.057	1	08/03/11 15:20	08/14/11 18:05	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	430	136	1	08/10/11 11:45	08/16/11 13:42	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	60	%	26-135		1	08/10/11 11:45	08/16/11 13:42	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		08/05/11 21:57	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/05/11 21:57	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.32	1		08/05/11 21:57	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		08/05/11 21:57	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		08/05/11 21:57	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/05/11 21:57	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/05/11 21:57	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		08/05/11 21:57	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.32	1		08/05/11 21:57	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		08/05/11 21:57	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		08/05/11 21:57	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		08/05/11 21:57	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.45	1		08/05/11 21:57	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/05/11 21:57	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/05/11 21:57	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/05/11 21:57	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.42	1		08/05/11 21:57	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/05/11 21:57	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/05/11 21:57	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		08/05/11 21:57	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.32	1		08/05/11 21:57	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/05/11 21:57	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/05/11 21:57	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.4	1.7	1		08/05/11 21:57	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/05/11 21:57	95-49-8	
2-Hexanone	ND	ug/kg	11.4	0.41	1		08/05/11 21:57	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/05/11 21:57	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.4	0.35	1		08/05/11 21:57	108-10-1	
Acetone	45.0	ug/kg	11.4	1.3	1		08/05/11 21:57	67-64-1	1n,B
Benzene	0.18J	ug/kg	3.4	0.17	1		08/05/11 21:57	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.27	1		08/05/11 21:57	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/05/11 21:57	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/05/11 21:57	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/05/11 21:57	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/05/11 21:57	74-83-9	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: SUP_SL_50 14-16 **Lab ID:** 258703029 Collected: 08/02/11 14:10 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	2.8J	ug/kg	3.4	0.32	1		08/05/11 21:57	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		08/05/11 21:57	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/05/11 21:57	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/05/11 21:57	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/05/11 21:57	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.24	1		08/05/11 21:57	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.12	1		08/05/11 21:57	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/05/11 21:57	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.48	1		08/05/11 21:57	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		08/05/11 21:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		08/05/11 21:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.40	1		08/05/11 21:57	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.29	1		08/05/11 21:57	1634-04-4	
Methylene chloride	ND	ug/kg	11.4	3.0	1		08/05/11 21:57	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.63	1		08/05/11 21:57	91-20-3	
Styrene	ND	ug/kg	3.4	0.33	1		08/05/11 21:57	100-42-5	
Tetrachloroethene	1.0J	ug/kg	3.4	0.44	1		08/05/11 21:57	127-18-4	B
Toluene	ND	ug/kg	3.4	0.35	1		08/05/11 21:57	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		08/05/11 21:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/05/11 21:57	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		08/05/11 21:57	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	0.86	1		08/05/11 21:57	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		08/05/11 21:57	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/05/11 21:57	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.86	1		08/05/11 21:57	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		08/05/11 21:57	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		08/05/11 21:57	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/05/11 21:57	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		08/05/11 21:57	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.48	1		08/05/11 21:57	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.30	1		08/05/11 21:57	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/05/11 21:57	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		08/05/11 21:57	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/05/11 21:57	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/05/11 21:57	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/05/11 21:57	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/05/11 21:57	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/05/11 21:57	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.2	%	0.10	0.10	1		08/05/11 15:28		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50_DUP Lab ID: 258703030 Collected: 08/02/11 14:10 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	31.8	mg/kg	3.7	0.56	2	08/03/11 15:20	08/14/11 22:01	7440-38-2	
Cadmium	0.15J	mg/kg	1.9	0.021	2	08/03/11 15:20	08/14/11 22:01	7440-43-9	
Lead	3.6	mg/kg	0.93	0.059	1	08/03/11 15:20	08/14/11 18:08	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	429	136	1	08/10/11 11:45	08/16/11 14:05	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	60	%	26-135		1	08/10/11 11:45	08/16/11 14:05	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.16	1		08/05/11 21:40	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.20	1		08/05/11 21:40	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.30	1		08/05/11 21:40	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.30	1		08/05/11 21:40	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.44	1		08/05/11 21:40	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.26	1		08/05/11 21:40	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.40	1		08/05/11 21:40	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.2	0.38	1		08/05/11 21:40	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.30	1		08/05/11 21:40	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.37	1		08/05/11 21:40	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		08/05/11 21:40	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.56	1		08/05/11 21:40	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	0.42	1		08/05/11 21:40	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.23	1		08/05/11 21:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.27	1		08/05/11 21:40	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.24	1		08/05/11 21:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.5	0.40	1		08/05/11 21:40	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		08/05/11 21:40	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.35	1		08/05/11 21:40	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.21	1		08/05/11 21:40	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.30	1		08/05/11 21:40	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		08/05/11 21:40	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		08/05/11 21:40	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.8	1.6	1		08/05/11 21:40	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.34	1		08/05/11 21:40	95-49-8	
2-Hexanone	ND	ug/kg	10.8	0.39	1		08/05/11 21:40	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.29	1		08/05/11 21:40	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	0.33	1		08/05/11 21:40	108-10-1	
Acetone	29.5	ug/kg	10.8	1.2	1		08/05/11 21:40	67-64-1	1n,B
Benzene	0.25J	ug/kg	3.2	0.16	1		08/05/11 21:40	71-43-2	B
Bromobenzene	ND	ug/kg	3.2	0.25	1		08/05/11 21:40	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.24	1		08/05/11 21:40	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.13	1		08/05/11 21:40	75-27-4	
Bromoform	ND	ug/kg	3.2	0.25	1		08/05/11 21:40	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		08/05/11 21:40	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: SUP_SL_50_DUP Lab ID: 258703030 Collected: 08/02/11 14:10 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	2.5J	ug/kg	3.2	0.30	1		08/05/11 21:40	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.2	0.20	1		08/05/11 21:40	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.20	1		08/05/11 21:40	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.31	1		08/05/11 21:40	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		08/05/11 21:40	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		08/05/11 21:40	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		08/05/11 21:40	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.23	1		08/05/11 21:40	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.45	1		08/05/11 21:40	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.41	1		08/05/11 21:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.32	1		08/05/11 21:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.38	1		08/05/11 21:40	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.27	1		08/05/11 21:40	1634-04-4	
Methylene chloride	ND	ug/kg	10.8	2.9	1		08/05/11 21:40	75-09-2	
Naphthalene	ND	ug/kg	3.2	0.59	1		08/05/11 21:40	91-20-3	
Styrene	ND	ug/kg	3.2	0.31	1		08/05/11 21:40	100-42-5	
Tetrachloroethene	1.3J	ug/kg	3.2	0.41	1		08/05/11 21:40	127-18-4	B
Toluene	ND	ug/kg	3.2	0.33	1		08/05/11 21:40	108-88-3	
Trichloroethene	ND	ug/kg	3.2	0.23	1		08/05/11 21:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.25	1		08/05/11 21:40	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		08/05/11 21:40	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	0.81	1		08/05/11 21:40	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.23	1		08/05/11 21:40	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		08/05/11 21:40	10061-01-5	
m&p-Xylene	ND	ug/kg	6.5	0.81	1		08/05/11 21:40	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.2	0.49	1		08/05/11 21:40	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.38	1		08/05/11 21:40	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.35	1		08/05/11 21:40	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.2	0.42	1		08/05/11 21:40	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.45	1		08/05/11 21:40	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.28	1		08/05/11 21:40	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.37	1		08/05/11 21:40	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		08/05/11 21:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.23	1		08/05/11 21:40	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109	%	72-129		1		08/05/11 21:40	1868-53-7	
Toluene-d8 (S)	95	%	69-133		1		08/05/11 21:40	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/05/11 21:40	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	67-136		1		08/05/11 21:40	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	23.9	%	0.10	0.10	1		08/05/11 15:29		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: TRIP BLANK 1 **Lab ID: 258703031** Collected: 08/02/11 00:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/05/11 14:35	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/05/11 14:35	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/05/11 14:35	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/05/11 14:35	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/05/11 14:35	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/05/11 14:35	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/05/11 14:35	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/05/11 14:35	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/05/11 14:35	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/05/11 14:35	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/05/11 14:35	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/05/11 14:35	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/05/11 14:35	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/05/11 14:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/05/11 14:35	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/05/11 14:35	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/05/11 14:35	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/05/11 14:35	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/05/11 14:35	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/05/11 14:35	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/05/11 14:35	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/05/11 14:35	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/05/11 14:35	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/05/11 14:35	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/05/11 14:35	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/05/11 14:35	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/05/11 14:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/05/11 14:35	108-10-1	
Acetone	7.1J	ug/kg	10.0	1.1	1		08/05/11 14:35	67-64-1	B
Benzene	ND	ug/kg	3.0	0.15	1		08/05/11 14:35	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/05/11 14:35	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/05/11 14:35	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/05/11 14:35	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/05/11 14:35	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/05/11 14:35	74-83-9	
Carbon disulfide	0.53J	ug/kg	3.0	0.28	1		08/05/11 14:35	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/05/11 14:35	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/05/11 14:35	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/05/11 14:35	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/05/11 14:35	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/05/11 14:35	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/05/11 14:35	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/05/11 14:35	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/05/11 14:35	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/05/11 14:35	100-41-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258703

Sample: TRIP BLANK 1 **Lab ID: 258703031** Collected: 08/02/11 00:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/05/11 14:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/05/11 14:35	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/05/11 14:35	1634-04-4	
Methylene chloride	3.4J	ug/kg	10.0	2.6	1		08/05/11 14:35	75-09-2	Z3
Naphthalene	ND	ug/kg	3.0	0.55	1		08/05/11 14:35	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/05/11 14:35	100-42-5	
Tetrachloroethene	0.81J	ug/kg	3.0	0.38	1		08/05/11 14:35	127-18-4	B
Toluene	0.44J	ug/kg	3.0	0.31	1		08/05/11 14:35	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/05/11 14:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/05/11 14:35	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/05/11 14:35	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/05/11 14:35	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/05/11 14:35	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/05/11 14:35	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/05/11 14:35	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/05/11 14:35	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/05/11 14:35	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/05/11 14:35	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/05/11 14:35	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/05/11 14:35	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/05/11 14:35	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/05/11 14:35	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/05/11 14:35	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/05/11 14:35	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/05/11 14:35	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/05/11 14:35	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/05/11 14:35	460-00-4	
1,2-Dichloroethane-d4 (S)	117 %		67-136		1		08/05/11 14:35	17060-07-0	

Sample: TRIP BLANK 2 **Lab ID: 258703032** Collected: 08/02/11 00:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/05/11 14:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/05/11 14:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/05/11 14:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/05/11 14:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/05/11 14:52	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/05/11 14:52	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/05/11 14:52	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/05/11 14:52	563-58-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: **TRIP BLANK 2** Lab ID: **258703032** Collected: 08/02/11 00:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/05/11 14:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/05/11 14:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/05/11 14:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/05/11 14:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/05/11 14:52	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/05/11 14:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/05/11 14:52	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/05/11 14:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/05/11 14:52	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/05/11 14:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/05/11 14:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/05/11 14:52	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/05/11 14:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/05/11 14:52	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/05/11 14:52	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/05/11 14:52	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/05/11 14:52	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/05/11 14:52	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/05/11 14:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/05/11 14:52	108-10-1	
Acetone	7.1J	ug/kg	10.0	1.1	1		08/05/11 14:52	67-64-1	B
Benzene	ND	ug/kg	3.0	0.15	1		08/05/11 14:52	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/05/11 14:52	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/05/11 14:52	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/05/11 14:52	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/05/11 14:52	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/05/11 14:52	74-83-9	
Carbon disulfide	0.57J	ug/kg	3.0	0.28	1		08/05/11 14:52	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/05/11 14:52	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/05/11 14:52	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/05/11 14:52	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/05/11 14:52	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/05/11 14:52	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/05/11 14:52	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/05/11 14:52	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/05/11 14:52	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/05/11 14:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/05/11 14:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/05/11 14:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/05/11 14:52	1634-04-4	
Methylene chloride	3.0J	ug/kg	10.0	2.6	1		08/05/11 14:52	75-09-2	Z3
Naphthalene	ND	ug/kg	3.0	0.55	1		08/05/11 14:52	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/05/11 14:52	100-42-5	
Tetrachloroethene	0.84J	ug/kg	3.0	0.38	1		08/05/11 14:52	127-18-4	B
Toluene	0.37J	ug/kg	3.0	0.31	1		08/05/11 14:52	108-88-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258703

Sample: TRIP BLANK 2 **Lab ID: 258703032** Collected: 08/02/11 00:00 Received: 08/02/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/05/11 14:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/05/11 14:52	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/05/11 14:52	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/05/11 14:52	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/05/11 14:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/05/11 14:52	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/05/11 14:52	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/05/11 14:52	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/05/11 14:52	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/05/11 14:52	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/05/11 14:52	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/05/11 14:52	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/05/11 14:52	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/05/11 14:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/05/11 14:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/05/11 14:52	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/05/11 14:52	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/05/11 14:52	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/05/11 14:52	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/05/11 14:52	17060-07-0	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

QC Batch: GCV/2372 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
 Associated Lab Samples: 258703007, 258703008, 258703009

METHOD BLANK: 80917 Matrix: Solid

Associated Lab Samples: 258703007, 258703008, 258703009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	0.78J	5.0	08/04/11 20:25	
4-Bromofluorobenzene (S)	%	86	50-150	08/04/11 20:25	
a,a,a-Trifluorotoluene (S)	%	110	50-150	08/04/11 20:25	

LABORATORY CONTROL SAMPLE: 80918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	11.3	90	63-140	
4-Bromofluorobenzene (S)	%			89	50-150	
a,a,a-Trifluorotoluene (S)	%			111	50-150	

SAMPLE DUPLICATE: 81167

Parameter	Units	258626013 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	0.36J		30	
4-Bromofluorobenzene (S)	%	85	88	3		
a,a,a-Trifluorotoluene (S)	%	108	111	3		

SAMPLE DUPLICATE: 81168

Parameter	Units	258683011 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	0.69J		30	
4-Bromofluorobenzene (S)	%	89	77	14		
a,a,a-Trifluorotoluene (S)	%	112	76	39		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

QC Batch: MERP/1499 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 258703001, 258703002, 258703003, 258703004, 258703005, 258703006, 258703007, 258703008, 258703009

METHOD BLANK: 81107 Matrix: Solid
Associated Lab Samples: 258703001, 258703002, 258703003, 258703004, 258703005, 258703006, 258703007, 258703008, 258703009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	08/08/11 18:33	

LABORATORY CONTROL SAMPLE: 81108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81109 81110

Parameter	Units	258626013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	.41	.39	0.44	0.43	106	107	80-120	3	20	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

QC Batch: MPRP/2387 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 258703001, 258703002, 258703003, 258703004, 258703005, 258703006, 258703007, 258703008, 258703009, 258703010, 258703011, 258703012, 258703013, 258703014, 258703015, 258703016, 258703017, 258703018, 258703019, 258703020

METHOD BLANK: 80570 Matrix: Solid
 Associated Lab Samples: 258703001, 258703002, 258703003, 258703004, 258703005, 258703006, 258703007, 258703008, 258703009, 258703010, 258703011, 258703012, 258703013, 258703014, 258703015, 258703016, 258703017, 258703018, 258703019, 258703020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/18/11 11:39	
Cadmium	mg/kg	ND	1.0	08/18/11 11:39	
Lead	mg/kg	0.084J	1.0	08/18/11 11:39	

LABORATORY CONTROL SAMPLE: 80571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.8	95	80-120	
Cadmium	mg/kg	25	23.2	93	80-120	
Lead	mg/kg	25	23.6	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 80572 80573

Parameter	Units	258703001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Arsenic	mg/kg	4200	38	5680	39.4	4990	3920	2000	75-125	13	20	M3
Cadmium	mg/kg	ND	38	19.8	39.4	9.4	52	24	75-125	72	20	M3,R2
Lead	mg/kg	23400	38	31200	39.4	39300	20500	40300	75-125	23	20	M3,R2

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

QC Batch: MPRP/2388 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 258703021, 258703022, 258703023, 258703024, 258703025, 258703026, 258703027, 258703028, 258703029, 258703030

METHOD BLANK: 80574 Matrix: Solid
Associated Lab Samples: 258703021, 258703022, 258703023, 258703024, 258703025, 258703026, 258703027, 258703028, 258703029, 258703030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/14/11 16:59	
Cadmium	mg/kg	ND	1.0	08/14/11 16:59	
Lead	mg/kg	ND	1.0	08/14/11 16:59	

LABORATORY CONTROL SAMPLE: 80575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.9	99	80-120	
Cadmium	mg/kg	25	24.4	98	80-120	
Lead	mg/kg	25	24.4	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 80576 80577

Parameter	Units	258699041		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Arsenic	mg/kg	7.2	27.5	27.2	33.7	33.8	97	98	75-125	.2	20	
Cadmium	mg/kg	ND	27.5	27.2	26.2	26.9	96	99	75-125	3	20	
Lead	mg/kg	4.2	27.5	27.2	27.3	28.2	84	88	75-125	3	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

QC Batch: MSV/5133 Analysis Method: EPA 8260
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260 MSV 5035A Medium Soil
Associated Lab Samples: 258703016

METHOD BLANK: 82001 Matrix: Solid
Associated Lab Samples: 258703016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/kg	ND	50.0	08/12/11 22:20	
1,2-Dichloroethane-d4 (S)	%	101	70-125	08/12/11 22:20	
4-Bromofluorobenzene (S)	%	95	73-128	08/12/11 22:20	
Dibromofluoromethane (S)	%	96	75-116	08/12/11 22:20	
Toluene-d8 (S)	%	98	74-124	08/12/11 22:20	

LABORATORY CONTROL SAMPLE: 82002

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	1000	985	99	40-129	
1,2-Dichloroethane-d4 (S)	%			97	70-125	
4-Bromofluorobenzene (S)	%			97	73-128	
Dibromofluoromethane (S)	%			99	75-116	
Toluene-d8 (S)	%			97	74-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82090 82091

Parameter	Units	258854001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Tetrachloroethene	ug/kg	ND	53300	46000	53300	60700	85	112	42-143	27	30	
1,2-Dichloroethane-d4 (S)	%						104	102	70-125			
4-Bromofluorobenzene (S)	%						101	101	73-128			
Dibromofluoromethane (S)	%						103	103	75-116			
Toluene-d8 (S)	%						99	100	74-124			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

QC Batch: MSV/5138 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035A/5030B Analysis Description: 8260 MSV 5035A Medium Soil
 Associated Lab Samples: 258703012, 258703013

METHOD BLANK: 82097 Matrix: Solid

Associated Lab Samples: 258703012, 258703013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	50.0	08/16/11 11:39	
Hexachloro-1,3-butadiene	ug/kg	ND	100	08/16/11 11:39	
Tetrachloroethene	ug/kg	ND	50.0	08/16/11 11:39	
Trichloroethene	ug/kg	ND	50.0	08/16/11 11:39	
1,2-Dichloroethane-d4 (S)	%	98	70-125	08/16/11 11:39	
4-Bromofluorobenzene (S)	%	96	73-128	08/16/11 11:39	
Dibromofluoromethane (S)	%	100	75-116	08/16/11 11:39	
Toluene-d8 (S)	%	99	74-124	08/16/11 11:39	

LABORATORY CONTROL SAMPLE: 82098

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/kg	1000	1210	121	75-130	
Hexachloro-1,3-butadiene	ug/kg	1000	1030	103	54-148	
Tetrachloroethene	ug/kg	1000	1030	103	40-129	
Trichloroethene	ug/kg	1000	1020	102	73-122	
1,2-Dichloroethane-d4 (S)	%			95	70-125	
4-Bromofluorobenzene (S)	%			97	73-128	
Dibromofluoromethane (S)	%			102	75-116	
Toluene-d8 (S)	%			99	74-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82099 82100

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		258703013 Result	Spike Conc.	Spike Conc.	MS Result						
cis-1,2-Dichloroethene	ug/kg	ND	4530	4530	5060	4940	112	109	73-139	2	30
Hexachloro-1,3-butadiene	ug/kg	95.0J	4530	4530	4620	4470	100	96	53-160	3	30
Tetrachloroethene	ug/kg	884	4530	4530	5780	5650	108	105	42-143	2	30
Trichloroethene	ug/kg	44.9J	4530	4530	4910	4730	107	103	66-138	4	30
1,2-Dichloroethane-d4 (S)	%						96	94	70-125		
4-Bromofluorobenzene (S)	%						95	96	73-128		
Dibromofluoromethane (S)	%						102	100	75-116		
Toluene-d8 (S)	%						98	98	74-124		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

QC Batch: MSV/5055 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258703004, 258703005, 258703006, 258703007, 258703008, 258703010, 258703011, 258703014, 258703015, 258703017, 258703018, 258703019, 258703022, 258703025

METHOD BLANK: 80837 Matrix: Solid
Associated Lab Samples: 258703004, 258703005, 258703006, 258703007, 258703008, 258703010, 258703011, 258703014, 258703015, 258703017, 258703018, 258703019, 258703022, 258703025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1-Dichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1-Dichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
1,1-Dichloropropene	ug/kg	ND	3.0	08/07/11 13:47	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
1,2,4-Trichlorobenzene	ug/kg	0.60J	3.0	08/07/11 13:47	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/07/11 13:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/07/11 13:47	
1,2-Dichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,3-Dichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
2,2-Dichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
2-Butanone (MEK)	ug/kg	ND	10.0	08/07/11 13:47	
2-Chlorotoluene	ug/kg	ND	3.0	08/07/11 13:47	
2-Hexanone	ug/kg	ND	10.0	08/07/11 13:47	
4-Chlorotoluene	ug/kg	ND	3.0	08/07/11 13:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/07/11 13:47	
Acetone	ug/kg	5.7J	10.0	08/07/11 13:47	
Benzene	ug/kg	0.19J	3.0	08/07/11 13:47	
Bromobenzene	ug/kg	ND	3.0	08/07/11 13:47	
Bromochloromethane	ug/kg	ND	3.0	08/07/11 13:47	
Bromodichloromethane	ug/kg	ND	3.0	08/07/11 13:47	
Bromoform	ug/kg	ND	3.0	08/07/11 13:47	
Bromomethane	ug/kg	ND	3.0	08/07/11 13:47	
Carbon disulfide	ug/kg	0.76J	3.0	08/07/11 13:47	
Carbon tetrachloride	ug/kg	ND	3.0	08/07/11 13:47	
Chlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
Chloroethane	ug/kg	ND	3.0	08/07/11 13:47	
Chloroform	ug/kg	ND	3.0	08/07/11 13:47	
Chloromethane	ug/kg	ND	3.0	08/07/11 13:47	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

METHOD BLANK: 80837

Matrix: Solid

Associated Lab Samples: 258703004, 258703005, 258703006, 258703007, 258703008, 258703010, 258703011, 258703014, 258703015, 258703017, 258703018, 258703019, 258703022, 258703025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/07/11 13:47	
Dibromochloromethane	ug/kg	ND	3.0	08/07/11 13:47	
Dibromomethane	ug/kg	ND	3.0	08/07/11 13:47	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/07/11 13:47	
Ethylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/07/11 13:47	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/07/11 13:47	
m&p-Xylene	ug/kg	ND	6.0	08/07/11 13:47	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/07/11 13:47	
Methylene chloride	ug/kg	ND	10.0	08/07/11 13:47	
n-Butylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
n-Propylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Naphthalene	ug/kg	ND	3.0	08/07/11 13:47	
o-Xylene	ug/kg	ND	3.0	08/07/11 13:47	
p-Isopropyltoluene	ug/kg	ND	3.0	08/07/11 13:47	
sec-Butylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Styrene	ug/kg	ND	3.0	08/07/11 13:47	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/07/11 13:47	
tert-Butylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Tetrachloroethene	ug/kg	0.56J	3.0	08/07/11 13:47	
Toluene	ug/kg	ND	3.0	08/07/11 13:47	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/07/11 13:47	
Trichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
Trichlorofluoromethane	ug/kg	ND	3.0	08/07/11 13:47	
Vinyl chloride	ug/kg	ND	3.0	08/07/11 13:47	
Xylene (Total)	ug/kg	ND	9.0	08/07/11 13:47	
1,2-Dichloroethane-d4 (S)	%	102	67-136	08/07/11 13:47	
4-Bromofluorobenzene (S)	%	103	67-142	08/07/11 13:47	
Dibromofluoromethane (S)	%	99	72-129	08/07/11 13:47	
Toluene-d8 (S)	%	100	69-133	08/07/11 13:47	

LABORATORY CONTROL SAMPLE & LCSD: 80838

80839

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	50.4	50.7	101	101	68-127	.6	15	
1,1,1-Trichloroethane	ug/kg	50	48.2	50.0	96	100	69-139	4	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.8	49.6	98	99	63-137	2	15	
1,1,2-Trichloroethane	ug/kg	50	48.9	49.4	98	99	65-131	1	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	46.1	46.9	92	94	64-153	2	27	
1,1-Dichloroethane	ug/kg	50	50.0	51.0	100	102	69-133	2	23	
1,1-Dichloroethene	ug/kg	50	48.6	51.4	97	103	68-157	6	28	
1,1-Dichloropropene	ug/kg	50	47.0	47.1	94	94	68-140	.3	21	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

LABORATORY CONTROL SAMPLE & LCSD: 80838		80839								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	48.5	50.2	97	100	69-132	3	15	
1,2,3-Trichloropropane	ug/kg	50	48.0	48.0	96	96	71-124	.06	15	
1,2,4-Trichlorobenzene	ug/kg	50	47.7	50.2	95	100	68-137	5	15	
1,2,4-Trimethylbenzene	ug/kg	50	45.3	47.3	91	95	74-124	4	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	53.9	53.3	108	107	52-133	1	22	
1,2-Dibromoethane (EDB)	ug/kg	50	51.8	51.6	104	103	66-129	.4	15	
1,2-Dichlorobenzene	ug/kg	50	45.7	47.5	91	95	78-122	4	15	
1,2-Dichloroethane	ug/kg	50	51.9	52.3	104	105	67-131	.9	15	
1,2-Dichloroethene (Total)	ug/kg	100	97.8	102	98	102	73-143	4	20	
1,2-Dichloropropane	ug/kg	50	50.7	51.9	101	104	67-133	2	15	
1,3,5-Trimethylbenzene	ug/kg	50	44.7	47.2	89	94	78-124	5	15	
1,3-Dichlorobenzene	ug/kg	50	44.0	46.0	88	92	79-122	4	15	
1,3-Dichloropropane	ug/kg	50	50.9	50.8	102	102	62-131	.2	15	
1,4-Dichlorobenzene	ug/kg	50	43.9	46.1	88	92	77-119	5	15	
2,2-Dichloropropane	ug/kg	50	44.5	45.6	89	91	66-143	2	20	
2-Butanone (MEK)	ug/kg	100	105	107	105	107	44-160	2	27	
2-Chlorotoluene	ug/kg	50	44.0	46.2	88	92	75-123	5	15	
2-Hexanone	ug/kg	100	106	108	106	108	40-160	2	21	
4-Chlorotoluene	ug/kg	50	44.6	47.6	89	95	78-127	6	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	98.9	98.8	99	99	46-156	.1	17	
Acetone	ug/kg	100	130	132	130	132	40-160	.9	30	
Benzene	ug/kg	50	48.4	50.0	97	100	69-133	3	15	
Bromobenzene	ug/kg	50	44.4	47.0	89	94	81-122	6	15	
Bromochloromethane	ug/kg	50	49.0	49.8	98	100	77-132	2	16	
Bromodichloromethane	ug/kg	50	49.9	51.1	100	102	75-132	2	15	
Bromoform	ug/kg	50	50.9	50.8	102	102	58-128	.2	15	
Bromomethane	ug/kg	50	36.4	39.6	73	79	46-160	9	24	
Carbon disulfide	ug/kg	50	48.6	50.7	97	101	56-143	4	24	
Carbon tetrachloride	ug/kg	50	47.8	49.4	96	99	65-146	3	24	
Chlorobenzene	ug/kg	50	47.6	48.4	95	97	76-123	2	15	
Chloroethane	ug/kg	50	40.9	42.8	82	86	51-146	5	24	
Chloroform	ug/kg	50	49.7	51.3	99	103	73-132	3	17	
Chloromethane	ug/kg	50	37.8	38.4	76	77	40-142	2	23	
cis-1,2-Dichloroethene	ug/kg	50	49.5	51.6	99	103	75-142	4	20	
cis-1,3-Dichloropropene	ug/kg	50	51.0	51.9	102	104	62-150	2	15	
Dibromochloromethane	ug/kg	50	49.6	49.1	99	98	70-126	1	15	
Dibromomethane	ug/kg	50	51.6	51.2	103	102	75-132	.7	15	
Dichlorodifluoromethane	ug/kg	50	27.4	29.0	55	58	40-160	6	24	
Ethylbenzene	ug/kg	50	45.8	46.6	92	93	68-126	2	15	
Hexachloro-1,3-butadiene	ug/kg	50	43.0	44.7	86	89	65-144	4	24	
Isopropylbenzene (Cumene)	ug/kg	50	46.7	47.6	93	95	73-120	2	15	
m&p-Xylene	ug/kg	100	91.6	93.6	92	94	66-128	2	15	
Methyl-tert-butyl ether	ug/kg	50	52.0	53.2	104	106	67-134	2	21	
Methylene chloride	ug/kg	50	46.0	46.9	92	94	59-149	2	20	
n-Butylbenzene	ug/kg	50	45.7	47.9	91	96	72-125	5	17	
n-Propylbenzene	ug/kg	50	43.1	45.4	86	91	73-131	5	18	
Naphthalene	ug/kg	50	50.1	52.1	100	104	54-147	4	23	
o-Xylene	ug/kg	50	47.3	47.5	95	95	70-125	.5	16	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

LABORATORY CONTROL SAMPLE & LCSD: 80838		80839								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/kg	50	41.8	43.9	84	88	76-127	5	17	
sec-Butylbenzene	ug/kg	50	42.7	44.3	85	89	75-134	4	20	
Styrene	ug/kg	50	46.8	48.0	94	96	72-124	3	19	
tert-Amylmethyl ether	ug/kg	50	54.9	55.0	110	110	59-145	.2	17	
tert-Butylbenzene	ug/kg	50	43.8	45.2	88	90	74-130	3	21	
Tetrachloroethene	ug/kg	50	45.8	46.3	92	93	57-131	1	22	
Toluene	ug/kg	50	45.9	46.8	92	94	68-130	2	17	
trans-1,2-Dichloroethene	ug/kg	50	48.3	50.0	97	100	71-146	4	21	
trans-1,3-Dichloropropene	ug/kg	50	52.4	53.2	105	106	61-128	2	15	
Trichloroethene	ug/kg	50	46.3	47.3	93	95	71-138	2	18	
Trichlorofluoromethane	ug/kg	50	40.1	41.4	80	83	50-160	3	25	
Vinyl chloride	ug/kg	50	37.7	38.9	75	78	48-141	3	29	
Xylene (Total)	ug/kg	150	139	141	93	94	68-126	2	15	
1,2-Dichloroethane-d4 (S)	%				102	102	67-136			
4-Bromofluorobenzene (S)	%				97	98	67-142			
Dibromofluoromethane (S)	%				100	101	72-129			
Toluene-d8 (S)	%				100	100	69-133			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

QC Batch: MSV/5056 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258703013, 258703016, 258703020, 258703023, 258703024, 258703031, 258703032

METHOD BLANK: 80846 Matrix: Solid
Associated Lab Samples: 258703013, 258703016, 258703020, 258703023, 258703024, 258703031, 258703032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/05/11 10:20	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/05/11 10:20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/05/11 10:20	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/05/11 10:20	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/05/11 10:20	
1,1-Dichloroethane	ug/kg	ND	3.0	08/05/11 10:20	
1,1-Dichloroethene	ug/kg	ND	3.0	08/05/11 10:20	
1,1-Dichloropropene	ug/kg	ND	3.0	08/05/11 10:20	
1,2,3-Trichlorobenzene	ug/kg	0.81J	3.0	08/05/11 10:20	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/05/11 10:20	
1,2,4-Trichlorobenzene	ug/kg	0.72J	3.0	08/05/11 10:20	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/05/11 10:20	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/05/11 10:20	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/05/11 10:20	
1,2-Dichlorobenzene	ug/kg	0.36J	3.0	08/05/11 10:20	
1,2-Dichloroethane	ug/kg	ND	3.0	08/05/11 10:20	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/05/11 10:20	
1,2-Dichloropropane	ug/kg	ND	3.0	08/05/11 10:20	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/05/11 10:20	
1,3-Dichlorobenzene	ug/kg	0.35J	3.0	08/05/11 10:20	
1,3-Dichloropropane	ug/kg	ND	3.0	08/05/11 10:20	
1,4-Dichlorobenzene	ug/kg	0.41J	3.0	08/05/11 10:20	
2,2-Dichloropropane	ug/kg	ND	3.0	08/05/11 10:20	
2-Butanone (MEK)	ug/kg	ND	10.0	08/05/11 10:20	
2-Chlorotoluene	ug/kg	ND	3.0	08/05/11 10:20	
2-Hexanone	ug/kg	ND	10.0	08/05/11 10:20	
4-Chlorotoluene	ug/kg	ND	3.0	08/05/11 10:20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/05/11 10:20	
Acetone	ug/kg	3.5J	10.0	08/05/11 10:20	
Benzene	ug/kg	0.22J	3.0	08/05/11 10:20	
Bromobenzene	ug/kg	0.30J	3.0	08/05/11 10:20	
Bromochloromethane	ug/kg	ND	3.0	08/05/11 10:20	
Bromodichloromethane	ug/kg	ND	3.0	08/05/11 10:20	
Bromoform	ug/kg	ND	3.0	08/05/11 10:20	
Bromomethane	ug/kg	ND	3.0	08/05/11 10:20	
Carbon disulfide	ug/kg	0.85J	3.0	08/05/11 10:20	
Carbon tetrachloride	ug/kg	ND	3.0	08/05/11 10:20	
Chlorobenzene	ug/kg	0.24J	3.0	08/05/11 10:20	
Chloroethane	ug/kg	ND	3.0	08/05/11 10:20	
Chloroform	ug/kg	ND	3.0	08/05/11 10:20	
Chloromethane	ug/kg	ND	3.0	08/05/11 10:20	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/05/11 10:20	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/05/11 10:20	

Date: 04/19/2012 09:50 AM

REPORT OF LABORATORY ANALYSIS

Page 87 of 109

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

METHOD BLANK: 80846

Matrix: Solid

Associated Lab Samples: 258703013, 258703016, 258703020, 258703023, 258703024, 258703031, 258703032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/05/11 10:20	
Dibromomethane	ug/kg	ND	3.0	08/05/11 10:20	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/05/11 10:20	
Ethylbenzene	ug/kg	ND	3.0	08/05/11 10:20	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/05/11 10:20	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/05/11 10:20	
m&p-Xylene	ug/kg	ND	6.0	08/05/11 10:20	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/05/11 10:20	
Methylene chloride	ug/kg	ND	10.0	08/05/11 10:20	
n-Butylbenzene	ug/kg	ND	3.0	08/05/11 10:20	
n-Propylbenzene	ug/kg	ND	3.0	08/05/11 10:20	
Naphthalene	ug/kg	ND	3.0	08/05/11 10:20	
o-Xylene	ug/kg	ND	3.0	08/05/11 10:20	
p-Isopropyltoluene	ug/kg	ND	3.0	08/05/11 10:20	
sec-Butylbenzene	ug/kg	ND	3.0	08/05/11 10:20	
Styrene	ug/kg	ND	3.0	08/05/11 10:20	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/05/11 10:20	
tert-Butylbenzene	ug/kg	ND	3.0	08/05/11 10:20	
Tetrachloroethene	ug/kg	1.8J	3.0	08/05/11 10:20	
Toluene	ug/kg	ND	3.0	08/05/11 10:20	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/05/11 10:20	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/05/11 10:20	
Trichloroethene	ug/kg	0.39J	3.0	08/05/11 10:20	
Trichlorofluoromethane	ug/kg	ND	3.0	08/05/11 10:20	
Vinyl chloride	ug/kg	ND	3.0	08/05/11 10:20	
Xylene (Total)	ug/kg	ND	9.0	08/05/11 10:20	
1,2-Dichloroethane-d4 (S)	%	105	67-136	08/05/11 10:20	
4-Bromofluorobenzene (S)	%	101	67-142	08/05/11 10:20	
Dibromofluoromethane (S)	%	102	72-129	08/05/11 10:20	
Toluene-d8 (S)	%	99	69-133	08/05/11 10:20	

LABORATORY CONTROL SAMPLE & LCSD: 80847

80848

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	53.0	53.5	106	107	68-127	.9	15	
1,1,1-Trichloroethane	ug/kg	50	61.3	60.1	123	120	69-139	2	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	52.9	53.1	106	106	63-137	.5	15	
1,1,2-Trichloroethane	ug/kg	50	52.2	51.7	104	103	65-131	.9	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	62.8	62.3	126	125	64-153	.8	27	
1,1-Dichloroethane	ug/kg	50	56.6	56.2	113	112	69-133	.7	23	
1,1-Dichloroethene	ug/kg	50	64.2	62.6	128	125	68-157	3	28	
1,1-Dichloropropene	ug/kg	50	60.4	59.0	121	118	68-140	2	21	
1,2,3-Trichlorobenzene	ug/kg	50	54.0	52.1	108	104	69-132	4	15	
1,2,3-Trichloropropane	ug/kg	50	52.6	51.2	105	102	71-124	3	15	
1,2,4-Trichlorobenzene	ug/kg	50	55.3	54.8	111	110	68-137	.9	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

LABORATORY CONTROL SAMPLE & LCSD: 80847		80848								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	52.7	54.0	105	108	74-124	2	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	56.8	54.9	114	110	52-133	3	22	
1,2-Dibromoethane (EDB)	ug/kg	50	53.5	53.2	107	106	66-129	.4	15	
1,2-Dichlorobenzene	ug/kg	50	50.1	50.6	100	101	78-122	.9	15	
1,2-Dichloroethane	ug/kg	50	52.6	53.8	105	108	67-131	2	15	
1,2-Dichloroethene (Total)	ug/kg	100	115	115	115	115	73-143	.6	20	
1,2-Dichloropropane	ug/kg	50	52.6	54.1	105	108	67-133	3	15	
1,3,5-Trimethylbenzene	ug/kg	50	54.7	54.6	109	109	78-124	.1	15	
1,3-Dichlorobenzene	ug/kg	50	50.7	51.3	101	103	79-122	1	15	
1,3-Dichloropropane	ug/kg	50	52.9	52.7	106	105	62-131	.4	15	
1,4-Dichlorobenzene	ug/kg	50	50.5	51.3	101	103	77-119	2	15	
2,2-Dichloropropane	ug/kg	50	63.8	61.7	128	123	66-143	3	20	
2-Butanone (MEK)	ug/kg	100	153	152	153	152	44-160	.08	27	
2-Chlorotoluene	ug/kg	50	52.2	52.0	104	104	75-123	.4	15	
2-Hexanone	ug/kg	100	146	147	146	147	40-160	.6	21	
4-Chlorotoluene	ug/kg	50	53.6	53.5	107	107	78-127	.06	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	105	103	105	103	46-156	1	17	
Acetone	ug/kg	100	102	105	102	105	40-160	4	30	
Benzene	ug/kg	50	55.2	54.9	110	110	69-133	.5	15	
Bromobenzene	ug/kg	50	50.2	50.9	100	102	81-122	1	15	
Bromochloromethane	ug/kg	50	53.5	52.8	107	106	77-132	1	16	
Bromodichloromethane	ug/kg	50	51.4	52.5	103	105	75-132	2	15	
Bromoform	ug/kg	50	53.5	52.8	107	106	58-128	1	15	
Bromomethane	ug/kg	50	48.7	50.6	97	101	46-160	4	24	
Carbon disulfide	ug/kg	50	63.0	60.8	126	122	56-143	4	24	
Carbon tetrachloride	ug/kg	50	62.7	61.5	125	123	65-146	2	24	
Chlorobenzene	ug/kg	50	53.0	52.2	106	104	76-123	1	15	
Chloroethane	ug/kg	50	62.4	62.7	125	125	51-146	.4	24	
Chloroform	ug/kg	50	53.7	54.4	107	109	73-132	1	17	
Chloromethane	ug/kg	50	48.8	45.1	98	90	40-142	8	23	
cis-1,2-Dichloroethene	ug/kg	50	55.6	55.9	111	112	75-142	.6	20	
cis-1,3-Dichloropropene	ug/kg	50	54.1	54.4	108	109	62-150	.5	15	
Dibromochloromethane	ug/kg	50	51.0	50.8	102	102	70-126	.4	15	
Dibromomethane	ug/kg	50	53.1	52.5	106	105	75-132	1	15	
Dichlorodifluoromethane	ug/kg	50	48.4	48.9	97	98	40-160	.9	24	
Ethylbenzene	ug/kg	50	55.0	54.0	110	108	68-126	2	15	
Hexachloro-1,3-butadiene	ug/kg	50	54.0	53.0	108	106	65-144	2	24	
Isopropylbenzene (Cumene)	ug/kg	50	57.1	56.1	114	112	73-120	2	15	
m&p-Xylene	ug/kg	100	108	107	108	107	66-128	1	15	
Methyl-tert-butyl ether	ug/kg	50	55.0	55.5	110	111	67-134	.9	21	
Methylene chloride	ug/kg	50	52.8	52.3	106	105	59-149	.8	20	
n-Butylbenzene	ug/kg	50	59.8	60.4	120	121	72-125	1	17	
n-Propylbenzene	ug/kg	50	55.6	55.3	111	111	73-131	.5	18	
Naphthalene	ug/kg	50	54.9	52.9	110	106	54-147	4	23	
o-Xylene	ug/kg	50	52.5	52.5	105	105	70-125	.001	16	
p-Isopropyltoluene	ug/kg	50	53.2	53.4	106	107	76-127	.3	17	
sec-Butylbenzene	ug/kg	50	54.6	54.6	109	109	75-134	.08	20	
Styrene	ug/kg	50	52.2	51.7	104	103	72-124	1	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

LABORATORY CONTROL SAMPLE & LCSD:		80847	80848									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
tert-Amylmethyl ether	ug/kg	50	54.5	53.5	109	107	59-145	2	17			
tert-Butylbenzene	ug/kg	50	54.7	54.9	109	110	74-130	.4	21			
Tetrachloroethene	ug/kg	50	62.5	60.0	125	120	57-131	4	22			
Toluene	ug/kg	50	54.0	52.7	108	105	68-130	3	17			
trans-1,2-Dichloroethene	ug/kg	50	59.7	58.7	119	117	71-146	2	21			
trans-1,3-Dichloropropene	ug/kg	50	56.5	56.5	113	113	61-128	.03	15			
Trichloroethene	ug/kg	50	56.6	55.9	113	112	71-138	1	18			
Trichlorofluoromethane	ug/kg	50	57.1	55.9	114	112	50-160	2	25			
Vinyl chloride	ug/kg	50	54.1	52.3	108	105	48-141	3	29			
Xylene (Total)	ug/kg	150	160	159	107	106	68-126	.9	15			
1,2-Dichloroethane-d4 (S)	%				102	103	67-136					
4-Bromofluorobenzene (S)	%				100	101	67-142					
Dibromofluoromethane (S)	%				101	101	72-129					
Toluene-d8 (S)	%				101	99	69-133					

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

QC Batch: MSV/5067 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258703012, 258703028, 258703029, 258703030

METHOD BLANK: 81064 Matrix: Solid
Associated Lab Samples: 258703012, 258703028, 258703029, 258703030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/05/11 21:23	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/05/11 21:23	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/05/11 21:23	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/05/11 21:23	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/05/11 21:23	
1,1-Dichloroethane	ug/kg	ND	3.0	08/05/11 21:23	
1,1-Dichloroethene	ug/kg	ND	3.0	08/05/11 21:23	
1,1-Dichloropropene	ug/kg	ND	3.0	08/05/11 21:23	
1,2,3-Trichlorobenzene	ug/kg	0.52J	3.0	08/05/11 21:23	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/05/11 21:23	
1,2,4-Trichlorobenzene	ug/kg	0.47J	3.0	08/05/11 21:23	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/05/11 21:23	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/05/11 21:23	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/05/11 21:23	
1,2-Dichlorobenzene	ug/kg	0.29J	3.0	08/05/11 21:23	
1,2-Dichloroethane	ug/kg	ND	3.0	08/05/11 21:23	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/05/11 21:23	
1,2-Dichloropropane	ug/kg	ND	3.0	08/05/11 21:23	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/05/11 21:23	
1,3-Dichlorobenzene	ug/kg	0.29J	3.0	08/05/11 21:23	
1,3-Dichloropropane	ug/kg	ND	3.0	08/05/11 21:23	
1,4-Dichlorobenzene	ug/kg	0.38J	3.0	08/05/11 21:23	
2,2-Dichloropropane	ug/kg	ND	3.0	08/05/11 21:23	
2-Butanone (MEK)	ug/kg	ND	10.0	08/05/11 21:23	
2-Chlorotoluene	ug/kg	ND	3.0	08/05/11 21:23	
2-Hexanone	ug/kg	ND	10.0	08/05/11 21:23	
4-Chlorotoluene	ug/kg	ND	3.0	08/05/11 21:23	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/05/11 21:23	
Acetone	ug/kg	5.7J	10.0	08/05/11 21:23	
Benzene	ug/kg	0.19J	3.0	08/05/11 21:23	
Bromobenzene	ug/kg	ND	3.0	08/05/11 21:23	
Bromochloromethane	ug/kg	ND	3.0	08/05/11 21:23	
Bromodichloromethane	ug/kg	ND	3.0	08/05/11 21:23	
Bromoform	ug/kg	ND	3.0	08/05/11 21:23	
Bromomethane	ug/kg	ND	3.0	08/05/11 21:23	
Carbon disulfide	ug/kg	1.5J	3.0	08/05/11 21:23	
Carbon tetrachloride	ug/kg	ND	3.0	08/05/11 21:23	
Chlorobenzene	ug/kg	ND	3.0	08/05/11 21:23	
Chloroethane	ug/kg	ND	3.0	08/05/11 21:23	
Chloroform	ug/kg	ND	3.0	08/05/11 21:23	
Chloromethane	ug/kg	ND	3.0	08/05/11 21:23	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/05/11 21:23	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/05/11 21:23	

Date: 04/19/2012 09:50 AM

REPORT OF LABORATORY ANALYSIS

Page 91 of 109

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

METHOD BLANK: 81064 Matrix: Solid

Associated Lab Samples: 258703012, 258703028, 258703029, 258703030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/05/11 21:23	
Dibromomethane	ug/kg	ND	3.0	08/05/11 21:23	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/05/11 21:23	
Ethylbenzene	ug/kg	ND	3.0	08/05/11 21:23	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/05/11 21:23	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/05/11 21:23	
m&p-Xylene	ug/kg	ND	6.0	08/05/11 21:23	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/05/11 21:23	
Methylene chloride	ug/kg	4.4J	10.0	08/05/11 21:23	
n-Butylbenzene	ug/kg	ND	3.0	08/05/11 21:23	
n-Propylbenzene	ug/kg	ND	3.0	08/05/11 21:23	
Naphthalene	ug/kg	ND	3.0	08/05/11 21:23	
o-Xylene	ug/kg	ND	3.0	08/05/11 21:23	
p-Isopropyltoluene	ug/kg	ND	3.0	08/05/11 21:23	
sec-Butylbenzene	ug/kg	ND	3.0	08/05/11 21:23	
Styrene	ug/kg	ND	3.0	08/05/11 21:23	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/05/11 21:23	
tert-Butylbenzene	ug/kg	ND	3.0	08/05/11 21:23	
Tetrachloroethene	ug/kg	1.8J	3.0	08/05/11 21:23	
Toluene	ug/kg	ND	3.0	08/05/11 21:23	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/05/11 21:23	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/05/11 21:23	
Trichloroethene	ug/kg	0.34J	3.0	08/05/11 21:23	
Trichlorofluoromethane	ug/kg	ND	3.0	08/05/11 21:23	
Vinyl chloride	ug/kg	ND	3.0	08/05/11 21:23	
Xylene (Total)	ug/kg	ND	9.0	08/05/11 21:23	
1,2-Dichloroethane-d4 (S)	%	108	67-136	08/05/11 21:23	
4-Bromofluorobenzene (S)	%	104	67-142	08/05/11 21:23	
Dibromofluoromethane (S)	%	104	72-129	08/05/11 21:23	
Toluene-d8 (S)	%	98	69-133	08/05/11 21:23	

LABORATORY CONTROL SAMPLE & LCSD: 81065 81276

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.2	49.9	104	100	68-127	4	15	
1,1,1-Trichloroethane	ug/kg	50	53.2	50.6	106	101	69-139	5	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	53.9	52.7	108	105	63-137	2	15	
1,1,2-Trichloroethane	ug/kg	50	52.4	51.4	105	103	65-131	2	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	52.0	49.1	104	98	64-153	6	27	
1,1-Dichloroethane	ug/kg	50	52.8	51.1	106	102	69-133	3	23	
1,1-Dichloroethene	ug/kg	50	54.7	51.9	109	104	68-157	5	28	
1,1-Dichloropropene	ug/kg	50	51.5	49.5	103	99	68-140	4	21	
1,2,3-Trichlorobenzene	ug/kg	50	53.1	51.8	106	104	69-132	2	15	
1,2,3-Trichloropropane	ug/kg	50	52.1	51.5	104	103	71-124	1	15	
1,2,4-Trichlorobenzene	ug/kg	50	53.7	53.0	107	106	68-137	1	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

LABORATORY CONTROL SAMPLE & LCSD: 81065		81276								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	50.4	48.0	101	96	74-124	5	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	58.1	58.4	116	117	52-133	.5	22	
1,2-Dibromoethane (EDB)	ug/kg	50	54.5	54.0	109	108	66-129	1	15	
1,2-Dichlorobenzene	ug/kg	50	49.6	48.2	99	96	78-122	3	15	
1,2-Dichloroethane	ug/kg	50	54.3	52.9	109	106	67-131	3	15	
1,2-Dichloroethene (Total)	ug/kg	100	106	103	106	103	73-143	3	20	
1,2-Dichloropropane	ug/kg	50	53.2	51.3	106	103	67-133	4	15	
1,3,5-Trimethylbenzene	ug/kg	50	49.9	47.3	100	95	78-124	5	15	
1,3-Dichlorobenzene	ug/kg	50	48.8	47.7	98	95	79-122	2	15	
1,3-Dichloropropane	ug/kg	50	53.1	52.1	106	104	62-131	2	15	
1,4-Dichlorobenzene	ug/kg	50	48.7	46.6	97	93	77-119	4	15	
2,2-Dichloropropane	ug/kg	50	50.1	47.8	100	96	66-143	5	20	
2-Butanone (MEK)	ug/kg	100	122	111	122	111	44-160	9	27	
2-Chlorotoluene	ug/kg	50	48.7	46.9	97	94	75-123	4	15	
2-Hexanone	ug/kg	100	120	113	120	113	40-160	6	21	
4-Chlorotoluene	ug/kg	50	49.7	48.2	99	96	78-127	3	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	105	105	105	105	46-156	.1	17	
Acetone	ug/kg	100	156	140	156	140	40-160	11	30	
Benzene	ug/kg	50	52.0	49.7	104	99	69-133	5	15	
Bromobenzene	ug/kg	50	49.2	47.8	98	96	81-122	3	15	
Bromochloromethane	ug/kg	50	52.4	51.7	105	103	77-132	2	16	
Bromodichloromethane	ug/kg	50	51.7	50.1	103	100	75-132	3	15	
Bromoform	ug/kg	50	54.0	53.0	108	106	58-128	2	15	
Bromomethane	ug/kg	50	40.8	39.0	82	78	46-160	4	24	
Carbon disulfide	ug/kg	50	55.8	52.5	112	105	56-143	6	24	
Carbon tetrachloride	ug/kg	50	53.5	50.4	107	101	65-146	6	24	
Chlorobenzene	ug/kg	50	49.9	49.0	100	98	76-123	2	15	
Chloroethane	ug/kg	50	40.7	63.1	81	126	51-146	43	24	D6
Chloroform	ug/kg	50	52.8	50.2	106	100	73-132	5	17	
Chloromethane	ug/kg	50	41.6	38.9	83	78	40-142	7	23	
cis-1,2-Dichloroethene	ug/kg	50	53.0	51.7	106	103	75-142	3	20	
cis-1,3-Dichloropropene	ug/kg	50	54.1	52.1	108	104	62-150	4	15	
Dibromochloromethane	ug/kg	50	51.3	50.4	103	101	70-126	2	15	
Dibromomethane	ug/kg	50	54.7	52.2	109	104	75-132	5	15	
Dichlorodifluoromethane	ug/kg	50	33.3	31.3	67	63	40-160	6	24	
Ethylbenzene	ug/kg	50	49.2	47.1	98	94	68-126	4	15	
Hexachloro-1,3-butadiene	ug/kg	50	49.8	47.2	100	94	65-144	5	24	
Isopropylbenzene (Cumene)	ug/kg	50	50.9	48.5	102	97	73-120	5	15	
m&p-Xylene	ug/kg	100	98.4	95.5	98	95	66-128	3	15	
Methyl-tert-butyl ether	ug/kg	50	56.1	55.3	112	111	67-134	1	21	
Methylene chloride	ug/kg	50	53.1	52.8	106	106	59-149	.5	20	
n-Butylbenzene	ug/kg	50	54.1	50.8	108	102	72-125	6	17	
n-Propylbenzene	ug/kg	50	49.2	46.7	98	93	73-131	5	18	
Naphthalene	ug/kg	50	55.8	56.2	112	112	54-147	.7	23	
o-Xylene	ug/kg	50	49.3	48.0	99	96	70-125	3	16	
p-Isopropyltoluene	ug/kg	50	47.7	44.8	95	90	76-127	6	17	
sec-Butylbenzene	ug/kg	50	48.4	45.8	97	92	75-134	5	20	
Styrene	ug/kg	50	48.8	47.8	98	96	72-124	2	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

LABORATORY CONTROL SAMPLE & LCSD:		81065	81276									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
tert-Amylmethyl ether	ug/kg	50	57.2	55.7	114	111	59-145	3	17			
tert-Butylbenzene	ug/kg	50	49.1	46.4	98	93	74-130	6	21			
Tetrachloroethene	ug/kg	50	53.1	50.5	106	101	57-131	5	22			
Toluene	ug/kg	50	49.5	47.8	99	96	68-130	3	17			
trans-1,2-Dichloroethene	ug/kg	50	53.4	51.5	107	103	71-146	4	21			
trans-1,3-Dichloropropene	ug/kg	50	55.8	55.0	112	110	61-128	1	15			
Trichloroethene	ug/kg	50	50.2	48.4	100	97	71-138	4	18			
Trichlorofluoromethane	ug/kg	50	45.0	42.2	90	84	50-160	7	25			
Vinyl chloride	ug/kg	50	41.3	39.8	83	80	48-141	4	29			
Xylene (Total)	ug/kg	150	148	143	98	96	68-126	3	15			
1,2-Dichloroethane-d4 (S)	%				103	104	67-136					
4-Bromofluorobenzene (S)	%				98	99	67-142					
Dibromofluoromethane (S)	%				102	102	72-129					
Toluene-d8 (S)	%				99	100	69-133					

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

QC Batch: MSV/5108 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258703001, 258703002, 258703003, 258703009, 258703021, 258703026, 258703027

METHOD BLANK: 81603 Matrix: Solid
Associated Lab Samples: 258703001, 258703002, 258703003, 258703009, 258703021, 258703026, 258703027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1-Dichloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,1-Dichloroethene	ug/kg	ND	3.0	08/11/11 12:54	
1,1-Dichloropropene	ug/kg	ND	3.0	08/11/11 12:54	
1,2,3-Trichlorobenzene	ug/kg	0.64J	3.0	08/11/11 12:54	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/11/11 12:54	
1,2,4-Trichlorobenzene	ug/kg	0.56J	3.0	08/11/11 12:54	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/11/11 12:54	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/11/11 12:54	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/11/11 12:54	
1,2-Dichloroethane	ug/kg	ND	3.0	08/11/11 12:54	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/11/11 12:54	
1,2-Dichloropropane	ug/kg	ND	3.0	08/11/11 12:54	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/11/11 12:54	
1,3-Dichloropropane	ug/kg	ND	3.0	08/11/11 12:54	
1,4-Dichlorobenzene	ug/kg	0.31J	3.0	08/11/11 12:54	
2,2-Dichloropropane	ug/kg	ND	3.0	08/11/11 12:54	
2-Butanone (MEK)	ug/kg	ND	10.0	08/11/11 12:54	
2-Chlorotoluene	ug/kg	ND	3.0	08/11/11 12:54	
2-Hexanone	ug/kg	ND	10.0	08/11/11 12:54	
4-Chlorotoluene	ug/kg	ND	3.0	08/11/11 12:54	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/11/11 12:54	
Acetone	ug/kg	ND	10.0	08/11/11 12:54	
Benzene	ug/kg	ND	3.0	08/11/11 12:54	
Bromobenzene	ug/kg	ND	3.0	08/11/11 12:54	
Bromochloromethane	ug/kg	ND	3.0	08/11/11 12:54	
Bromodichloromethane	ug/kg	ND	3.0	08/11/11 12:54	
Bromoform	ug/kg	ND	3.0	08/11/11 12:54	
Bromomethane	ug/kg	ND	3.0	08/11/11 12:54	
Carbon disulfide	ug/kg	ND	3.0	08/11/11 12:54	
Carbon tetrachloride	ug/kg	ND	3.0	08/11/11 12:54	
Chlorobenzene	ug/kg	ND	3.0	08/11/11 12:54	
Chloroethane	ug/kg	ND	3.0	08/11/11 12:54	
Chloroform	ug/kg	ND	3.0	08/11/11 12:54	
Chloromethane	ug/kg	ND	3.0	08/11/11 12:54	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/11/11 12:54	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/11/11 12:54	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

METHOD BLANK: 81603

Matrix: Solid

Associated Lab Samples: 258703001, 258703002, 258703003, 258703009, 258703021, 258703026, 258703027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/11/11 12:54	
Dibromomethane	ug/kg	ND	3.0	08/11/11 12:54	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/11/11 12:54	
Ethylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/11/11 12:54	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/11/11 12:54	
m&p-Xylene	ug/kg	ND	6.0	08/11/11 12:54	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/11/11 12:54	
Methylene chloride	ug/kg	ND	10.0	08/11/11 12:54	
n-Butylbenzene	ug/kg	0.79J	3.0	08/11/11 12:54	
n-Propylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
Naphthalene	ug/kg	1.1J	3.0	08/11/11 12:54	
o-Xylene	ug/kg	ND	3.0	08/11/11 12:54	
p-Isopropyltoluene	ug/kg	0.49J	3.0	08/11/11 12:54	
sec-Butylbenzene	ug/kg	0.65J	3.0	08/11/11 12:54	
Styrene	ug/kg	ND	3.0	08/11/11 12:54	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/11/11 12:54	
tert-Butylbenzene	ug/kg	ND	3.0	08/11/11 12:54	
Tetrachloroethene	ug/kg	ND	3.0	08/11/11 12:54	
Toluene	ug/kg	ND	3.0	08/11/11 12:54	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/11/11 12:54	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/11/11 12:54	
Trichloroethene	ug/kg	ND	3.0	08/11/11 12:54	
Trichlorofluoromethane	ug/kg	ND	3.0	08/11/11 12:54	
Vinyl chloride	ug/kg	ND	3.0	08/11/11 12:54	
Xylene (Total)	ug/kg	0.75J	9.0	08/11/11 12:54	
1,2-Dichloroethane-d4 (S)	%	99	67-136	08/11/11 12:54	
4-Bromofluorobenzene (S)	%	102	67-142	08/11/11 12:54	
Dibromofluoromethane (S)	%	101	72-129	08/11/11 12:54	
Toluene-d8 (S)	%	97	69-133	08/11/11 12:54	

LABORATORY CONTROL SAMPLE & LCSD: 81604

81605

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	55.1	52.1	110	104	68-127	6	15	
1,1,1-Trichloroethane	ug/kg	50	59.8	55.9	120	112	69-139	7	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	53.4	54.0	107	108	63-137	1	15	
1,1,2-Trichloroethane	ug/kg	50	49.4	48.1	99	96	65-131	3	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	72.0	60.3	144	121	64-153	18	27	
1,1-Dichloroethane	ug/kg	50	57.8	54.1	116	108	69-133	7	23	
1,1-Dichloroethene	ug/kg	50	76.8	67.2	154	134	68-157	13	28	
1,1-Dichloropropene	ug/kg	50	54.0	50.5	108	101	68-140	7	21	
1,2,3-Trichlorobenzene	ug/kg	50	51.3	52.4	103	105	69-132	2	15	
1,2,3-Trichloropropane	ug/kg	50	48.9	49.2	98	98	71-124	.7	15	
1,2,4-Trichlorobenzene	ug/kg	50	53.8	53.2	108	106	68-137	1	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

LABORATORY CONTROL SAMPLE & LCSD: 81604		81605								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	50.4	49.1	101	98	74-124	3	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	49.3	56.4	99	113	52-133	13	22	
1,2-Dibromoethane (EDB)	ug/kg	50	51.6	51.1	103	102	66-129	1	15	
1,2-Dichlorobenzene	ug/kg	50	50.0	50.0	100	100	78-122	.1	15	
1,2-Dichloroethane	ug/kg	50	52.6	53.9	105	108	67-131	2	15	
1,2-Dichloroethene (Total)	ug/kg	100	121	114	121	114	73-143	6	20	
1,2-Dichloropropane	ug/kg	50	54.1	52.8	108	106	67-133	2	15	
1,3,5-Trimethylbenzene	ug/kg	50	54.6	51.8	109	104	78-124	5	15	
1,3-Dichlorobenzene	ug/kg	50	51.9	50.2	104	100	79-122	3	15	
1,3-Dichloropropane	ug/kg	50	48.9	48.5	98	97	62-131	.7	15	
1,4-Dichlorobenzene	ug/kg	50	49.8	49.0	100	98	77-119	2	15	
2,2-Dichloropropane	ug/kg	50	60.9	57.3	122	115	66-143	6	20	
2-Butanone (MEK)	ug/kg	100	86.6	84.8	87	85	44-160	2	27	
2-Chlorotoluene	ug/kg	50	50.6	48.1	101	96	75-123	5	15	
2-Hexanone	ug/kg	100	87.7	85.9	88	86	40-160	2	21	
4-Chlorotoluene	ug/kg	50	53.0	50.1	106	100	78-127	6	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	91.5	96.4	92	96	46-156	5	17	
Acetone	ug/kg	100	99.6	72.3	100	72	40-160	32	30	D6
Benzene	ug/kg	50	52.5	49.9	105	100	69-133	5	15	
Bromobenzene	ug/kg	50	52.4	52.0	105	104	81-122	.7	15	
Bromochloromethane	ug/kg	50	57.5	54.7	115	109	77-132	5	16	
Bromodichloromethane	ug/kg	50	51.7	50.9	103	102	75-132	2	15	
Bromoform	ug/kg	50	51.7	53.8	103	108	58-128	4	15	
Bromomethane	ug/kg	50	56.6	50.9	113	102	46-160	11	24	
Carbon disulfide	ug/kg	50	61.3	55.4	123	111	56-143	10	24	
Carbon tetrachloride	ug/kg	50	62.1	57.9	124	116	65-146	7	24	
Chlorobenzene	ug/kg	50	52.6	50.2	105	100	76-123	5	15	
Chloroethane	ug/kg	50	58.8	53.5	118	107	51-146	9	24	
Chloroform	ug/kg	50	55.1	51.6	110	103	73-132	6	17	
Chloromethane	ug/kg	50	50.1	46.3	100	93	40-142	8	23	
cis-1,2-Dichloroethene	ug/kg	50	57.6	54.2	115	108	75-142	6	20	
cis-1,3-Dichloropropene	ug/kg	50	50.7	51.0	101	102	62-150	.6	15	
Dibromochloromethane	ug/kg	50	54.5	54.7	109	109	70-126	.5	15	
Dibromomethane	ug/kg	50	51.9	53.5	104	107	75-132	3	15	
Dichlorodifluoromethane	ug/kg	50	49.8	45.1	100	90	40-160	10	24	
Ethylbenzene	ug/kg	50	53.5	50.2	107	100	68-126	6	15	
Hexachloro-1,3-butadiene	ug/kg	50	56.0	52.4	112	105	65-144	7	24	
Isopropylbenzene (Cumene)	ug/kg	50	51.2	47.5	102	95	73-120	7	15	
m&p-Xylene	ug/kg	100	97.6	92.4	98	92	66-128	5	15	
Methyl-tert-butyl ether	ug/kg	50	57.3	57.1	115	114	67-134	.3	21	
Methylene chloride	ug/kg	50	64.1	60.0	128	120	59-149	7	20	
n-Butylbenzene	ug/kg	50	54.4	51.0	109	102	72-125	6	17	
n-Propylbenzene	ug/kg	50	53.9	50.3	108	101	73-131	7	18	
Naphthalene	ug/kg	50	49.3	52.1	99	104	54-147	5	23	
o-Xylene	ug/kg	50	51.5	48.9	103	98	70-125	5	16	
p-Isopropyltoluene	ug/kg	50	52.8	50.0	106	100	76-127	6	17	
sec-Butylbenzene	ug/kg	50	53.2	49.4	106	99	75-134	8	20	
Styrene	ug/kg	50	53.0	50.4	106	101	72-124	5	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

LABORATORY CONTROL SAMPLE & LCSD:		81604	81605							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
tert-Amylmethyl ether	ug/kg	50	54.2	53.4	108	107	59-145	1	17	
tert-Butylbenzene	ug/kg	50	52.1	49.8	104	100	74-130	4	21	
Tetrachloroethene	ug/kg	50	57.6	51.1	115	102	57-131	12	22	
Toluene	ug/kg	50	51.1	49.1	102	98	68-130	4	17	
trans-1,2-Dichloroethene	ug/kg	50	63.9	59.7	128	119	71-146	7	21	
trans-1,3-Dichloropropene	ug/kg	50	50.5	51.2	101	102	61-128	1	15	
Trichloroethene	ug/kg	50	55.0	51.9	110	104	71-138	6	18	
Trichlorofluoromethane	ug/kg	50	56.0	49.9	112	100	50-160	12	25	
Vinyl chloride	ug/kg	50	53.4	48.3	107	97	48-141	10	29	
Xylene (Total)	ug/kg	150	149	141	99	94	68-126	5	15	
1,2-Dichloroethane-d4 (S)	%				103	105	67-136			
4-Bromofluorobenzene (S)	%				102	102	67-142			
Dibromofluoromethane (S)	%				102	105	72-129			
Toluene-d8 (S)	%				99	98	69-133			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

QC Batch: OEXT/4183 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 258703001, 258703002, 258703003, 258703004, 258703005, 258703006, 258703007, 258703008, 258703009, 258703010, 258703011, 258703012, 258703013, 258703014, 258703015, 258703016, 258703017, 258703018, 258703019

METHOD BLANK: 81301 Matrix: Solid

Associated Lab Samples: 258703001, 258703002, 258703003, 258703004, 258703005, 258703006, 258703007, 258703008, 258703009, 258703010, 258703011, 258703012, 258703013, 258703014, 258703015, 258703016, 258703017, 258703018, 258703019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/15/11 12:10	
2,4,6-Tribromophenol (S)	%	56	26-135	08/15/11 12:10	

LABORATORY CONTROL SAMPLE: 81302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	849	64	20-89	
2,4,6-Tribromophenol (S)	%			77	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81303 81304

Parameter	Units	258703009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Pentachlorophenol	ug/kg	ND	1650	1650	993	978	60	59	10-143	2	28	
2,4,6-Tribromophenol (S)	%						86	82	26-135			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

QC Batch: OEXT/4185 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 258703020, 258703021, 258703022, 258703023, 258703024, 258703025, 258703026, 258703027, 258703028, 258703029, 258703030

METHOD BLANK: 81316 Matrix: Solid
 Associated Lab Samples: 258703020, 258703021, 258703022, 258703023, 258703024, 258703025, 258703026, 258703027, 258703028, 258703029, 258703030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/14/11 18:57	
2,4,6-Tribromophenol (S)	%	64	26-135	08/14/11 18:57	
2-Fluorobiphenyl (S)	%	88	46-118	08/14/11 18:57	
2-Fluorophenol (S)	%	77	37-117	08/14/11 18:57	
Nitrobenzene-d5 (S)	%	86	40-138	08/14/11 18:57	
Phenol-d6 (S)	%	84	44-120	08/14/11 18:57	
Terphenyl-d14 (S)	%	96	41-137	08/14/11 18:57	

LABORATORY CONTROL SAMPLE: 81317

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	683	51	20-89	
2,4,6-Tribromophenol (S)	%			79	26-135	
2-Fluorobiphenyl (S)	%			81	46-118	
2-Fluorophenol (S)	%			75	37-117	
Nitrobenzene-d5 (S)	%			83	40-138	
Phenol-d6 (S)	%			76	44-120	
Terphenyl-d14 (S)	%			85	41-137	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81318 81319

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		258703021 Result	Spike Conc.	Spike Conc.	MS Result						MSD Result
Pentachlorophenol	ug/kg	ND	2430	2450	1380	1040	56	42	10-143	28	28
2,4,6-Tribromophenol (S)	%						68	60	26-135		
2-Fluorobiphenyl (S)	%						64	58	46-118		
2-Fluorophenol (S)	%						51	46	37-117		
Nitrobenzene-d5 (S)	%						59	53	40-138		
Phenol-d6 (S)	%						59	51	44-120		
Terphenyl-d14 (S)	%						61	56	41-137		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

QC Batch: OEXT/4177

Analysis Method: NWTPH-Dx

QC Batch Method: EPA 3546

Analysis Description: NWTPH-Dx GCS

Associated Lab Samples: 258703007, 258703008, 258703009

METHOD BLANK: 81153

Matrix: Solid

Associated Lab Samples: 258703007, 258703008, 258703009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	08/08/11 20:40	
Motor Oil Range SG	mg/kg	ND	64.0	08/08/11 20:40	
n-Octacosane (S) SG	%	94	50-150	08/08/11 20:40	
o-Terphenyl (S) SG	%	91	50-150	08/08/11 20:40	

LABORATORY CONTROL SAMPLE: 81154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	500	412	82	56-124	
Motor Oil Range SG	mg/kg	500	449	90	50-150	
n-Octacosane (S) SG	%			93	50-150	
o-Terphenyl (S) SG	%			86	50-150	

SAMPLE DUPLICATE: 81155

Parameter	Units	258703009 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND		50	
Motor Oil Range SG	mg/kg	ND	ND		50	
n-Octacosane (S) SG	%	95	96	2		
o-Terphenyl (S) SG	%	90	93	5		

SAMPLE DUPLICATE: 81156

Parameter	Units	258722014 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND		50	
Motor Oil Range SG	mg/kg	ND	ND		50	
n-Octacosane (S) SG	%	101	98	2		
o-Terphenyl (S) SG	%	95	94	.6		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258703

QC Batch: PMST/1779 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 258703001, 258703002, 258703003, 258703004, 258703005, 258703006, 258703007, 258703008, 258703009,
 258703010, 258703011, 258703012, 258703013, 258703014, 258703015, 258703016, 258703017, 258703018,
 258703019, 258703020

SAMPLE DUPLICATE: 80829

Parameter	Units	258703001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	38.4	39.0	2	30	

SAMPLE DUPLICATE: 80830

Parameter	Units	258703020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	28.8	29.6	3	30	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258703

QC Batch: PMST/1780 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 258703021, 258703022, 258703023, 258703024, 258703025, 258703026, 258703027, 258703028, 258703029, 258703030

SAMPLE DUPLICATE: 81010

Parameter	Units	258626013 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.2	12.4	1	30	

SAMPLE DUPLICATE: 81011

Parameter	Units	258722001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.5	10.1	4	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 258703

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: ICP/2284

[1] All samples diluted due to the presence of high levels of non-target analytes or other matrix interference.

Batch: MSV/5055

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5067

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5108

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1n Acetone is a potential false positive result due to VOA vial contamination. This contamination was traced to the supplier of these VOA vials.

B Analyte was detected in the associated method blank.

C0 Result confirmed by second analysis.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.

R2 RPD value was outside control limits due to matrix interference

S2 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

QUALIFIERS

Project: Superlon

Pace Project No.: 258703

ANALYTE QUALIFIERS

Z3 Methylene chloride is a common laboratory contaminant. Results for this analyte should be considered estimated unless the amount found in the sample is 3 to 5 times higher than that found in the method blank.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258703

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258703007	SUP_SL_26 10-12	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258703008	SUP_SL_26 12-14	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258703009	SUP_SL_26 14-16	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258703007	SUP_SL_26 10-12	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258703008	SUP_SL_26 12-14	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258703009	SUP_SL_26 14-16	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258703001	SUP_SL_17 3-4	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703002	SUP_SL_17 10-12	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703003	SUP_SL_17 12-14	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703004	SUP_SL_17 14-16	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703005	SUP_SL_24 3-4	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703006	SUP_SL_24 4-5	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703007	SUP_SL_26 10-12	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703008	SUP_SL_26 12-14	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703009	SUP_SL_26 14-16	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703010	SUP_SL_48 1-2	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703011	SUP_SL_48 2-4	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703012	SUP_SL_48 4-6	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703013	SUP_SL_48 6-8	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703014	SUP_SL_48 8-10	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703015	SUP_SL_48 10-12	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703016	SUP_SL_48 12-14	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703017	SUP_SL_48 14-16	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703018	SUP_SL_49 1-2	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703019	SUP_SL_49 2-4	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703020	SUP_SL_49 4-6	EPA 3050	MPRP/2387	EPA 6010	ICP/2284
258703021	SUP_SL_49 6-8	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703022	SUP_SL_49 12-14	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703023	SUP_SL_49 14-16	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703024	SUP_SL_50 1-2	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703025	SUP_SL_50 2-4	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703026	SUP_SL_50 8-10	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703027	SUP_SL_50 10-12	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703028	SUP_SL_50 12-14	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703029	SUP_SL_50 14-16	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703030	SUP_SL_50_DUP	EPA 3050	MPRP/2388	EPA 6010	ICP/2285
258703001	SUP_SL_17 3-4	EPA 7471	MERP/1499	EPA 7471	MERC/1510
258703002	SUP_SL_17 10-12	EPA 7471	MERP/1499	EPA 7471	MERC/1510
258703003	SUP_SL_17 12-14	EPA 7471	MERP/1499	EPA 7471	MERC/1510
258703004	SUP_SL_17 14-16	EPA 7471	MERP/1499	EPA 7471	MERC/1510
258703005	SUP_SL_24 3-4	EPA 7471	MERP/1499	EPA 7471	MERC/1510
258703006	SUP_SL_24 4-5	EPA 7471	MERP/1499	EPA 7471	MERC/1510
258703007	SUP_SL_26 10-12	EPA 7471	MERP/1499	EPA 7471	MERC/1510
258703008	SUP_SL_26 12-14	EPA 7471	MERP/1499	EPA 7471	MERC/1510
258703009	SUP_SL_26 14-16	EPA 7471	MERP/1499	EPA 7471	MERC/1510
258703001	SUP_SL_17 3-4	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258703

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258703002	SUP_SL_17 10-12	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703003	SUP_SL_17 12-14	EPA 3546	OEXT/4183	EPA 8270	MSSV/
258703004	SUP_SL_17 14-16	EPA 3546	OEXT/4183	EPA 8270	MSSV/
258703005	SUP_SL_24 3-4	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703006	SUP_SL_24 4-5	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703007	SUP_SL_26 10-12	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703008	SUP_SL_26 12-14	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703009	SUP_SL_26 14-16	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703010	SUP_SL_48 1-2	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703011	SUP_SL_48 2-4	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703012	SUP_SL_48 4-6	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703013	SUP_SL_48 6-8	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703014	SUP_SL_48 8-10	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703015	SUP_SL_48 10-12	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703016	SUP_SL_48 12-14	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703017	SUP_SL_48 14-16	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703018	SUP_SL_49 1-2	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703019	SUP_SL_49 2-4	EPA 3546	OEXT/4183	EPA 8270	MSSV/1732
258703020	SUP_SL_49 4-6	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703021	SUP_SL_49 6-8	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703022	SUP_SL_49 12-14	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703023	SUP_SL_49 14-16	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703024	SUP_SL_50 1-2	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703025	SUP_SL_50 2-4	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703026	SUP_SL_50 8-10	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703027	SUP_SL_50 10-12	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703028	SUP_SL_50 12-14	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703029	SUP_SL_50 14-16	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703030	SUP_SL_50_DUP	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258703012	SUP_SL_48 4-6	EPA 5035A/5030B	MSV/5138	EPA 8260	MSV/5142
258703013	SUP_SL_48 6-8	EPA 5035A/5030B	MSV/5138	EPA 8260	MSV/5142
258703016	SUP_SL_48 12-14	EPA 5035A/5030B	MSV/5133	EPA 8260	MSV/5137
258703001	SUP_SL_17 3-4	EPA 8260	MSV/5108		
258703002	SUP_SL_17 10-12	EPA 8260	MSV/5108		
258703003	SUP_SL_17 12-14	EPA 8260	MSV/5108		
258703004	SUP_SL_17 14-16	EPA 8260	MSV/5055		
258703005	SUP_SL_24 3-4	EPA 8260	MSV/5055		
258703006	SUP_SL_24 4-5	EPA 8260	MSV/5055		
258703007	SUP_SL_26 10-12	EPA 8260	MSV/5055		
258703008	SUP_SL_26 12-14	EPA 8260	MSV/5055		
258703009	SUP_SL_26 14-16	EPA 8260	MSV/5108		
258703010	SUP_SL_48 1-2	EPA 8260	MSV/5055		
258703011	SUP_SL_48 2-4	EPA 8260	MSV/5055		
258703012	SUP_SL_48 4-6	EPA 8260	MSV/5067		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258703

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258703013	SUP_SL_48 6-8	EPA 8260	MSV/5056		
258703014	SUP_SL_48 8-10	EPA 8260	MSV/5055		
258703015	SUP_SL_48 10-12	EPA 8260	MSV/5055		
258703016	SUP_SL_48 12-14	EPA 8260	MSV/5056		
258703017	SUP_SL_48 14-16	EPA 8260	MSV/5055		
258703018	SUP_SL_49 1-2	EPA 8260	MSV/5055		
258703019	SUP_SL_49 2-4	EPA 8260	MSV/5055		
258703020	SUP_SL_49 4-6	EPA 8260	MSV/5056		
258703021	SUP_SL_49 6-8	EPA 8260	MSV/5108		
258703022	SUP_SL_49 12-14	EPA 8260	MSV/5055		
258703023	SUP_SL_49 14-16	EPA 8260	MSV/5056		
258703024	SUP_SL_50 1-2	EPA 8260	MSV/5056		
258703025	SUP_SL_50 2-4	EPA 8260	MSV/5055		
258703026	SUP_SL_50 8-10	EPA 8260	MSV/5108		
258703027	SUP_SL_50 10-12	EPA 8260	MSV/5108		
258703028	SUP_SL_50 12-14	EPA 8260	MSV/5067		
258703029	SUP_SL_50 14-16	EPA 8260	MSV/5067		
258703030	SUP_SL_50_DUP	EPA 8260	MSV/5067		
258703031	TRIP BLANK 1	EPA 8260	MSV/5056		
258703032	TRIP BLANK 2	EPA 8260	MSV/5056		
258703001	SUP_SL_17 3-4	ASTM D2974-87	PMST/1779		
258703002	SUP_SL_17 10-12	ASTM D2974-87	PMST/1779		
258703003	SUP_SL_17 12-14	ASTM D2974-87	PMST/1779		
258703004	SUP_SL_17 14-16	ASTM D2974-87	PMST/1779		
258703005	SUP_SL_24 3-4	ASTM D2974-87	PMST/1779		
258703006	SUP_SL_24 4-5	ASTM D2974-87	PMST/1779		
258703007	SUP_SL_26 10-12	ASTM D2974-87	PMST/1779		
258703008	SUP_SL_26 12-14	ASTM D2974-87	PMST/1779		
258703009	SUP_SL_26 14-16	ASTM D2974-87	PMST/1779		
258703010	SUP_SL_48 1-2	ASTM D2974-87	PMST/1779		
258703011	SUP_SL_48 2-4	ASTM D2974-87	PMST/1779		
258703012	SUP_SL_48 4-6	ASTM D2974-87	PMST/1779		
258703013	SUP_SL_48 6-8	ASTM D2974-87	PMST/1779		
258703014	SUP_SL_48 8-10	ASTM D2974-87	PMST/1779		
258703015	SUP_SL_48 10-12	ASTM D2974-87	PMST/1779		
258703016	SUP_SL_48 12-14	ASTM D2974-87	PMST/1779		
258703017	SUP_SL_48 14-16	ASTM D2974-87	PMST/1779		
258703018	SUP_SL_49 1-2	ASTM D2974-87	PMST/1779		
258703019	SUP_SL_49 2-4	ASTM D2974-87	PMST/1779		
258703020	SUP_SL_49 4-6	ASTM D2974-87	PMST/1779		
258703021	SUP_SL_49 6-8	ASTM D2974-87	PMST/1780		
258703022	SUP_SL_49 12-14	ASTM D2974-87	PMST/1780		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 258703

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258703023	SUP_SL_49 14-16	ASTM D2974-87	PMST/1780		
258703024	SUP_SL_50 1-2	ASTM D2974-87	PMST/1780		
258703025	SUP_SL_50 2-4	ASTM D2974-87	PMST/1780		
258703026	SUP_SL_50 8-10	ASTM D2974-87	PMST/1780		
258703027	SUP_SL_50 10-12	ASTM D2974-87	PMST/1780		
258703028	SUP_SL_50 12-14	ASTM D2974-87	PMST/1780		
258703029	SUP_SL_50 14-16	ASTM D2974-87	PMST/1780		
258703030	SUP_SL_50_DUP	ASTM D2974-87	PMST/1780		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258722
Sample Date(s): August 3, 2011

This review summarizes the data quality of analytical results generated in support of the August 3, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258722.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722



Delivery Group Summary

Forty-eight soil samples and four soil trip blanks were collected by Pacific Environmental Redevelopment Corporation on August 3, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for metals (arsenic, cadmium, lead), gasoline range organics, diesel range organics, and volatile organic compounds (VOCs) by methods 6010, NWTPH-Gx, NWTPH-Dx, and 8260, respectively.

The key data evaluation findings include the following:

- Metal results by method 6010 have 22.2% of the results qualified.
- VOC results by method 8260 have 13.4% of the results qualified.
- Diesel range organics by method NWTPH-Dx have 41.7% of the results qualified.
- Gasoline range organics by method NWTPH-Gx have 100% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 48 Samples	Groundwater= 0 Samples	Trip Blank (Soil)= 4 Samples	Trip Blank (Groundwater)= 0 Samples
6010 Metals (As, Pb, Cd) NWTPH-Dx NWTPH-Gx 8260 VOCs		NWTPH-Gx 8260 VOCs	

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.

Action: No action was taken based on the evaluation of holding times.

Representativeness

Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).

Accuracy



- c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes/ Methods Associated with Surrogate	Comment
SUP_SL_51 4-6	258722004	Dibromofluoromethane	46	72-129	Low	Volatile Surrogate	8260 VOCs	Qualified based on criteria 2b and 2c.
SUP_SL_51 8-10	258722006	Dibromofluoromethane	24	72-129	Low	Volatile Surrogate	8260 VOCs	Qualified based on criteria 2b and 2c.
SUP_SL_53 1-2	258722012	n-Octacosane	0	50-150	Low	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recovery not evaluated against control limits due to sample dilution. Results were not qualified.
		o-Terphenyl	0	50-150	Low	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recovery not evaluated against control limits due to sample dilution. Results were not qualified.
		4-Bromofluorobenzene	232	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_55 0-1	258722020	n-Octacosane	0	50-150	Low	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recovery not evaluated against control limits due to



								sample dilution. Results were not qualified.
		o-Terphenyl	0	50-150	Low	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recovery not evaluated against control limits due to sample dilution. Results were not qualified.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via four coolers with trip blanks.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
258722010	Trip Blank	SUP_SL_51 0-1	258722001	Gasoline Range Organics	0.62 J	mg/kg
		SUP_SL_51 1-2	258722002	Acetone	8.8 J	ug/kg
		SUP_SL_51 2-4	258722003	Carbon disulfide	0.79 J	ug/kg
		SUP_SL_51 4-6	258722004	Methylene chloride	11.3	ug/kg
		SUP_SL_51 6-8	258722005	Tetrachloroethene	0.84 J	ug/kg
		SUP_SL_51 8-10	258722006	Toluene	0.53 J	ug/kg
		SUP_SL_51 10-12	258722007			
		SUP_SL_51 12-14	258722008			
		SUP_SL_51 14-16	258722009			
		SUP_SL_55 0-1	258722020			
		SUP_SL_55 1-2	258722021			
		SUP_SL_55 10-12	258722026			
		SUP_SL_55 12-14	258722027			
		SUP_SL_55 14-16	258722028			
258722029	Trip Blank	SUP_SL_53 0-1	258722011	Gasoline Range Organics	1.4 J	mg/kg
		SUP_SL_53 1-2	258722012	Methylene chloride	3.6 J	ug/kg
		SUP_SL_53 2-4	258722013	Toluene	0.32 J	ug/kg
		SUP_SL_53 4-6	258722014			
		SUP_SL_53 6-8	258722015			
		SUP_SL_53 8-10	258722016			
		SUP_SL_53 10-12	258722017			
		SUP_SL_53 12-14	258722018			
		SUP_SL_53 14-16	258722019			
		SUP_SL_55 2-4	258722022			
		SUP_SL_55 4-6	258722023			
		SUP_SL_55 6-8	258722024			
SUP_SL_55 8-10	258722025					
258722045	Trip Blank	SUP_SL_57 0-1	258722030	Gasoline Range Organics	0.47 J	mg/kg
		SUP_SL_57 1-2	258722031	Acetone	1.6 J	ug/kg
		SUP_SL_57 2-4	258722032	Benzene	0.27 J	ug/kg
		SUP_SL_57 4-6	258722033	Methylene chloride	5.7 J	ug/kg
		SUP_SL_57 6-8	258722034	Toluene	0.55 J	ug/kg



		SUP_SL_57 8-10 SUP_SL_57 10-12 SUP_SL_57 12-14 SUP_SL_57 14-16 SUP_SL_58 0-1 SUP_SL_58 1-2 SUP_SL_58 2-4 SUP_SL_58 4-6 SUP_SL_58 6-8 SUP_SL_58 14-16	258722035 258722036 258722037 258722038 258722039 258722040 258722041 258722042 258722043 258722044	Xylene (Total) m&p-Xylene	1.2 J 0.99 J	ug/kg ug/kg
258722052	Trip Blank	SUP_SL_59 0-1 SUP_SL_59 1-2 SUP_SL_59 2-4 SUP_SL_59 6-8 SUP_SL_59 10-12 SUP_SL_59 14-16	258722046 258722047 258722048 258722049 258722050 258722051	Gasoline Range Organics Acetone Carbon disulfide Methylene chloride Naphthalene Toluene	0.65 J 3.0 J 0.31 J 3.5 J 1.1 J 0.40 J	mg/kg ug/kg ug/kg ug/kg ug/kg ug/kg
80917	Method Blank	SUP_SL_51 0-1 SUP_SL_51 1-2 SUP_SL_51 2-4 SUP_SL_51 4-6 SUP_SL_51 6-8 SUP_SL_51 8-10 SUP_SL_51 10-12 SUP_SL_51 12-14 SUP_SL_51 14-16	258722001 258722002 258722003 258722004 258722005 258722006 258722007 258722008 258722009	Gasoline Range Organics	0.78 J	mg/kg
80990	Method Blank	SUP_SL_53 0-1 SUP_SL_53 1-2 SUP_SL_53 2-4 SUP_SL_53 4-6 SUP_SL_53 6-8 SUP_SL_53 8-10 SUP_SL_53 10-12 SUP_SL_53 12-14 SUP_SL_53 14-16 SUP_SL_55 0-1 SUP_SL_55 1-2 SUP_SL_55 2-4 SUP_SL_55 4-6 SUP_SL_55 6-8 SUP_SL_55 8-10 SUP_SL_55 10-12 SUP_SL_55 12-14 SUP_SL_55 14-16 SUP_SL_57 0-1	258722011 258722012 258722013 258722014 258722015 258722016 258722017 258722018 258722019 258722020 258722021 258722022 258722023 258722024 258722025 258722026 258722027 258722028 258722030	Gasoline Range Organics	0.80 J	mg/kg
80994	Method Blank	SUP_SL_57 1-2 SUP_SL_57 2-4 SUP_SL_57 4-6 SUP_SL_57 6-8 SUP_SL_57 8-10 SUP_SL_57 10-12 SUP_SL_57 12-14	258722031 258722032 258722033 258722034 258722035 258722036 258722037	Gasoline Range Organics	1.5 J	mg/kg



		SUP_SL_57 14-16 SUP_SL_58 0-1 SUP_SL_58 1-2 SUP_SL_58 2-4 SUP_SL_58 4-6 SUP_SL_58 6-8 SUP_SL_58 14-16 SUP_SL_59 0-1 SUP_SL_59 1-2 SUP_SL_59 2-4 SUP_SL_59 6-8 SUP_SL_59 10-12	258722038 258722039 258722040 258722041 258722042 258722043 258722044 258722046 258722047 258722048 258722049 258722050			
81485	Method Blank	SUP_SL_59 14-16	258722051	Gasoline Range Organics	0.64 J	mg/kg
80739	Method Blank	SUP_SL_51 0-1 SUP_SL_51 1-2 SUP_SL_51 2-4 SUP_SL_51 4-6 SUP_SL_51 6-8 SUP_SL_51 8-10 SUP_SL_51 10-12 SUP_SL_51 12-14 SUP_SL_51 14-16 SUP_SL_53 0-1 SUP_SL_53 1-2 SUP_SL_53 2-4 SUP_SL_53 4-6 SUP_SL_53 6-8 SUP_SL_53 8-10 SUP_SL_53 10-12 SUP_SL_53 12-14 SUP_SL_53 14-16 SUP_SL_55 0-1	258722001 258722002 258722003 258722004 258722005 258722006 258722007 258722008 258722009 258722011 258722012 258722013 258722014 258722015 258722016 258722017 258722018 258722019 258722020	Cadmium	0.011 J	mg/kg
81102	Method Blank	SUP_SL_58 4-6 SUP_SL_58 6-8 SUP_SL_58 14-16 SUP_SL_59 0-1 SUP_SL_59 1-2 SUP_SL_59 2-4 SUP_SL_59 6-8 SUP_SL_59 10-12 SUP_SL_59 14-16	258722042 258722043 258722044 258722046 258722047 258722048 258722049 258722050 258722051	Cadmium	0.012 J	mg/kg
82097	Method Blank	SUP_SL_53 1-2 SUP_SL_55 0-1	258722012 258722020	1,2,4-Trimethylbenzene Naphthalene	2.3 J 13.0J	ug/kg ug/kg
80837	Method Blank	SUP_SL_51 0-1 SUP_SL_53 0-1	258722001 258722011	1,2,4-Trichlorobenzene Acetone Benzene Carbon disulfide Tetrachloroethene	0.60 J 5.7 J 0.19 J 0.76 J 0.56 J	ug/kg ug/kg ug/kg ug/kg ug/kg
81506	Method Blank	SUP_SL_53 12-14 SUP_SL_55 0-1 SUP_SL_55 1-2 SUP_SL_55 4-6	258722018 258722020 258722021 258722023	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dichlorobenzene	1.0 J 0.91 J 0.56 J 0.45 J	ug/kg ug/kg ug/kg ug/kg



		SUP_SL_55 6-8	258722024	1,3-Dichlorobenzene	0.41 J	ug/kg
				1,4-Dichlorobenzene	0.49 J	ug/kg
				2-Butanone (MEK)	4.0 J	ug/kg
				4-Chlorotoluene	0.28 J	ug/kg
				Acetone	6.3 J	ug/kg
				Benzene	0.17 J	ug/kg
				Bromobenzene	0.27 J	ug/kg
				Chlorobenzene	0.28 J	ug/kg
				Chloroform	0.90 J	ug/kg
				Hexachloro-1,3-butadiene	0.61 J	ug/kg
				m&p-Xylene	0.89 J	ug/kg
				Methylene chloride	5.1 J	ug/kg
				n-Butylbenzene	0.77 J	ug/kg
				n-Propylbenzene	0.38 J	ug/kg
				o-Xylene	0.41 J	ug/kg
				p-Isopropyltoluene	0.53 J	ug/kg
				Toluene	0.35 J	ug/kg
				Xylene (Total)	1.3 J	ug/kg
81520	Method Blank	SUP_SL_51 1-2	258722002	1,2,4-Trichlorobenzene	0.40 J	ug/kg
		SUP_SL_51 2-4	258722003	1,2-Dichlorobenzene	0.26 J	ug/kg
		SUP_SL_51 4-6	258722004	1,3-Dichlorobenzene	0.22 J	ug/kg
		SUP_SL_51 6-8	258722005	1,4-Dichlorobenzene	0.30 J	ug/kg
		SUP_SL_51 8-10	258722006	Acetone	5.6 J	ug/kg
		SUP_SL_51 10-12	258722007	Benzene	0.17 J	ug/kg
		SUP_SL_51 12-14	258722008	Carbon disulfide	0.96 J	ug/kg
		SUP_SL_51 14-16	258722009	Methylene chloride	10.8	ug/kg
		SUP_SL_53 1-2	258722012	Tetrachloroethene	1.9 J	ug/kg
81683	Method Blank	SUP_SL_53 2-4	258722013	1,2,3-Trichlorobenzene	1.4 J	ug/kg
		SUP_SL_53 4-6	258722014	1,2,4-Trichlorobenzene	1.5 J	ug/kg
		SUP_SL_53 6-8	258722015	1,2,4-Trimethylbenzene	1.4 J	ug/kg
		SUP_SL_53 8-10	258722016	1,2-Dichlorobenzene	0.62 J	ug/kg
		SUP_SL_53 10-12	258722017	1,3,5-Trimethylbenzene	0.64 J	ug/kg
		SUP_SL_53 14-16	258722019	1,3-Dichlorobenzene	0.71 J	ug/kg
		SUP_SL_55 2-4	258722022	1,4-Dichlorobenzene	0.77 J	ug/kg
		SUP_SL_55 8-10	258722025	2-Chlorotoluene	0.55 J	ug/kg
		SUP_SL_55 10-12	258722026	2-Hexanone	4.4 J	ug/kg
		SUP_SL_55 12-14	258722027	4-Chlorotoluene	0.64 J	ug/kg
		SUP_SL_55 14-16	258722028	Benzene	0.68 J	ug/kg
		SUP_SL_57 0-1	258722030	Bromobenzene	0.38 J	ug/kg
		SUP_SL_57 1-2	258722031	Chlorobenzene	0.35 J	ug/kg
		SUP_SL_57 4-6	258722033	Ethylbenzene	0.89 J	ug/kg
				Hexachloro-1,3-butadiene	0.90 J	ug/kg
				m&p-Xylene	3.4 J	ug/kg
				n-Butylbenzene	1.1 J	ug/kg
				n-Propylbenzene	0.75 J	ug/kg
				o-Xylene	0.89 J	ug/kg
				p-Isopropyltoluene	0.67 J	ug/kg
				sec-Butylbenzene	0.54 J	ug/kg
				tert-Butylbenzene	0.41 J	ug/kg
				Toluene	1.2 J	ug/kg
				Xylene (Total)	4.3 J	ug/kg



81686	Method Blank	SUP_SL_57 6-8	258722034	1,2,3-Trichlorobenzene	0.40 J	ug/kg
		SUP_SL_57 8-10	258722035	1,2,4-Trichlorobenzene	0.36 J	ug/kg
		SUP_SL_57 10-12	258722036	1,4-Dichlorobenzene	0.31 J	ug/kg
		SUP_SL_57 12-14	258722037	Benzene	0.26 J	ug/kg
		SUP_SL_57 14-16	258722038	m&p-Xylene	1.2 J	ug/kg
		SUP_SL_58 0-1	258722039	Methylene chloride	6.7 J	ug/kg
		SUP_SL_58 1-2	258722040	Toluene	0.50 J	ug/kg
		SUP_SL_58 2-4	258722041	Xylene (Total)	1.5 J	ug/kg
		SUP_SL_58 4-6	258722042			
		SUP_SL_58 6-8	258722043			
		SUP_SL_58 14-16	258722044			
81812	Method Blank	SUP_SL_59 0-1	258722046	Carbon disulfide	0.34 J	ug/kg
		SUP_SL_59 2-4	258722048	Methylene chloride	5.0 J	ug/kg
		SUP_SL_59 6-8	258722049	n-Propylbenzene	0.73 J	ug/kg
		SUP_SL_59 10-12	258722050	Xylene (Total)	0.92 J	ug/kg
82324	Method Blank	SUP_SL_57 2-4	258722032	1,2,3-Trichlorobenzene	0.63 J	ug/kg
		SUP_SL_59 1-2	258722047	1,2,4-Trichlorobenzene	0.58 J	ug/kg
		SUP_SL_59 14-16	258722051	1,4-Dichlorobenzene	0.35 J	ug/kg
				Methylene chloride	12.3	ug/kg

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	1,2,3-Trichlorobenzene		
SUP_SL_58 14-16	258722044	81686	Method Blank. Qualified based on criteria 4.
Analyte:	1,2,4-Trichlorobenzene		
SUP_SL_51 1-2	258722002	81520	Method Blank Qualified based on criteria 4.
Analyte:	1,2,4-Trimethylbenzene		
258722013	258722013	81683	Method Blank Qualified based on criteria 4 and 6.
258722014	258722014		
258722015	258722015		
258722016	258722016		
258722017	258722017		
SUP_SL_55 2-4	258722022		



SUP_SL_55 8-10	258722025		
SUP_SL_55 10-12	258722026		
SUP_SL_55 12-14	258722027		
SUP_SL_55 14-16	258722028		
SUP_SL_57 0-1	258722030		
SUP_SL_57 1-2	258722031		
SUP_SL_57 4-6	258722033		
SUP_SL_55 1-2	258722021	81506	Method Blank Qualified based on criteria 6.
SUP_SL_55 4-6	258722023		
SUP_SL_55 6-8	258722024		
SUP_SL_55 0-1	258722020	82097	Method Blank Qualified based on criteria 6.
Analyte:	1,2-Dichlorobenzene		
SUP_SL_55 0-1	258722020	81506	Method Blank Qualified based on criteria 6.
Analyte:	1,3,5-Trimethylbenzene		
SUP_SL_53 2-4	258722013	81683	Method Blank Qualified based on criteria 4 and 6.
SUP_SL_53 4-6	258722014		
SUP_SL_53 8-10	258722016		
SUP_SL_55 2-4	258722022		
SUP_SL_57 0-1	258722030		
SUP_SL_57 1-2	258722031		
SUP_SL_57 4-6	258722033		
Analyte:	1,4-Dichlorobenzene		
SUP_SL_55 0-1	258722020	81506	Method Blank Qualified based on criteria 6.
Analyte:	2-Butanone (MEK)		
SUP_SL_55 0-1	258722020	81506	Method Blank Qualified based on criteria 6.
Analyte:	4-Chlorotoluene		
SUP_SL_55 1-2	258722021	81506	Method Blank Qualified based on criteria 4.
Analyte:	Acetone		
SUP_SL_51 0-1	258722001	258722010	Trip Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives (except 258720021 and 258720028) due to vial contamination from the manufacturer.
SUP_SL_51 1-2	258722002		
SUP_SL_51 2-4	258722003		
SUP_SL_51 4-6	258722004		
SUP_SL_51 6-8	258722005		
SUP_SL_51 8-10	258722006		
SUP_SL_51 10-12	258722007		
SUP_SL_51 12-14	258722008		
SUP_SL_51 14-16	258722009		
SUP_SL_55 0-1	258720020		
SUP_SL_55 1-2	258720021		
SUP_SL_55 10-12	258720026		
SUP_SL_55 12-14	258720027		
SUP_SL_55 14-16	258720028		
SUP_SL_53 0-1	258722011	80837	Method Blank. Qualified based on criteria 6. The sample listed is a potential false positive due to vial contamination from the manufacturer.
SUP_SL_53 1-2	258722012	81520	Method Blank. Qualified based on criteria 6. The sample listed is a potential false positive due to vial contamination from the manufacturer.



SUP_SL_53 12-14 SUP_SL_55 4-6 SUP_SL_55 6-8	258722018 258722023 258722024	81506	Method Blank. Qualified based on criteria 4. Samples listed are potential false positives (except 258720023 and 258720024) due to vial contamination from the manufacturer.
SUP_SL_57 0-1 SUP_SL_57 1-2 SUP_SL_57 2-4 SUP_SL_57 4-6 SUP_SL_57 6-8 SUP_SL_57 8-10 SUP_SL_57 10-12 SUP_SL_57 12-14 SUP_SL_57 14-16 SUP_SL_58 0-1 SUP_SL_58 1-2 SUP_SL_58 2-4 SUP_SL_58 4-6 SUP_SL_58 6-8 SUP_SL_58 14-16	258722030 258722031 258722032 258722033 258722034 258722035 258722036 258722037 258722038 258722039 258722040 258722041 258722042 258722043 258722044	258722045	Trip Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives (except 258720038, 258720039, 258722041 and 258722043) due to vial contamination from the manufacturer.
SUP_SL_59 0-1 SUP_SL_59 1-2 SUP_SL_59 2-4 SUP_SL_59 6-8 SUP_SL_59 10-12 SUP_SL_59 14-16	258722046 258722047 258722048 258722049 258722050 258722051	258722052	Trip Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives (except 258722049) due to vial contamination from the manufacturer.
Analyte:	Benzene		
SUP_SL_51 1-2 SUP_SL_51 2-4 SUP_SL_51 4-6 SUP_SL_51 6-8 SUP_SL_51 8-10 SUP_SL_51 10-12 SUP_SL_51 12-14 SUP_SL_51 14-16 SUP_SL_53 1-2	258722002 258722003 258722004 258722005 258722006 258722007 258722008 258722009 258722012	81520	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_53 0-1	258722011	80837	Method Blank. Qualified based on criteria 6.
SUP_SL_53 2-4 SUP_SL_53 4-6 SUP_SL_53 6-8 SUP_SL_53 8-10 SUP_SL_53 10-12 SUP_SL_53 14-16 SUP_SL_55 2-4 SUP_SL_55 8-10 SUP_SL_55 10-12 SUP_SL_55 12-14 SUP_SL_55 14-16 SUP_SL_57 0-1 SUP_SL_57 1-2 SUP_SL_57 4-6	258722013 258722014 258722015 258722016 258722017 258722019 258722022 258722025 258722026 258722027 258722028 258722030 258722031 258722033	81683	Method Blank. Qualified based on criteria 4.



SUP_SL_53 12-14	258722018	81506	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_55 0-1	258722020		
SUP_SL_55 1-2	258722021		
SUP_SL_55 6-8	258722024		
SUP_SL_57 2-4	258722032	258722045	Trip Blank. Qualified based on criteria 4.
SUP_SL_57 6-8	258722034		
SUP_SL_57 8-10	258722035		
SUP_SL_57 10-12	258722036		
SUP_SL_57 12-14	258722037		
SUP_SL_57 14-16	258722038		
SUP_SL_58 0-1	258722039		
SUP_SL_58 1-2	258722040		
SUP_SL_58 2-4	258722041		
SUP_SL_58 4-6	258722042		
SUP_SL_58 6-8	258722043		
SUP_SL_58 14-16	258722044		
Analyte:	Cadmium		
SUP_SL_51 4-6	258722004	80739	Method Blank. Qualified based on criteria 6.
SUP_SL_51 6-8	258722005		
SUP_SL_51 8-10	258722006		
SUP_SL_51 10-12	258722007		
SUP_SL_53 0-1	258722011		
SUP_SL_53 2-4	258722013		
SUP_SL_53 4-6	258722014		
SUP_SL_53 8-10	258722016		
SUP_SL_53 12-14	258722018		
SUP_SL_58 14-16	258722044	81102	Method Blank. Qualified based on criteria 6.
SUP_SL_59 2-4	258722048		
SUP_SL_59 6-8	258722049		
Analyte:	Carbon disulfide		
SUP_SL_51 1-2	258722002	81520	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_51 2-4	258722003		
SUP_SL_51 4-6	258722004		
SUP_SL_51 6-8	258722005		
SUP_SL_51 8-10	258722006		
SUP_SL_51 10-12	258722007		
SUP_SL_51 12-14	258722008		
SUP_SL_51 14-16	258722009		
SUP_SL_53 1-2	258722012		
SUP_SL_53 0-1	258722011	80837	Method Blank. Qualified based on criteria 6.
SUP_SL_55 0-1	258722020	258722010	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_55 1-2	258722021		
SUP_SL_55 10-12	258722026		
SUP_SL_55 12-14	258722027		
SUP_SL_55 14-16	258722028		
SUP_SL_59 0-1	258722046	81812	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_59 10-12	258722050		
SUP_SL_59 1-2	258722047	258722052	Trip Blank. Qualified based on criteria 6.
SUP_SL_59 14-16	258722051		



Analyte:	Ethylbenzene		
SUP_SL_53 2-4	258722013	81683	Method Blank. Qualified based on criteria 4.
SUP_SL_53 4-6	258722014		
SUP_SL_53 6-8	258722015		
SUP_SL_53 8-10	258722016		
SUP_SL_53 10-12	258722017		
SUP_SL_55 2-4	258722022		
SUP_SL_57 4-6	258722033		
Analyte:	Gasoline Range Organics		
SUP_SL_51 0-1	258722001	80917	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_51 1-2	258722002		
SUP_SL_51 2-4	258722003		
SUP_SL_51 4-6	258722004		
SUP_SL_51 6-8	258722005		
SUP_SL_51 8-10	258722006		
SUP_SL_51 10-12	258722007		
SUP_SL_51 12-14	258722008		
SUP_SL_51 14-16	258722009		
SUP_SL_53 0-1	258722011	258722029	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_53 1-2	258722012		
SUP_SL_53 2-4	258722013		
SUP_SL_53 4-6	258722014		
SUP_SL_53 6-8	258722015		
SUP_SL_53 8-10	258722016		
SUP_SL_53 10-12	258722017		
SUP_SL_53 12-14	258722018		
SUP_SL_53 14-16	258722019		
SUP_SL_55 2-4	258722022		
SUP_SL_55 4-6	258722023		
SUP_SL_55 6-8	258722024		
SUP_SL_55 8-10	258722025		
SUP_SL_55 0-1	258722020	80990	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_55 1-2	258722021		
SUP_SL_55 10-12	258722026		
SUP_SL_55 12-14	258722027		
SUP_SL_55 14-16	258722028		
SUP_SL_57 0-1	258722030		



SUP_SL_57 1-2	258722031	80994	Method Blank. Qualified based on criteria 4.
SUP_SL_57 2-4	258722032		
SUP_SL_57 4-6	258722033		
SUP_SL_57 6-8	258722034		
SUP_SL_57 8-10	258722035		
SUP_SL_57 10-12	258722036		
SUP_SL_57 12-14	258722037		
SUP_SL_57 14-16	258722038		
SUP_SL_58 0-1	258722039		
SUP_SL_58 1-2	258722040		
SUP_SL_58 2-4	258722041		
SUP_SL_58 4-6	258722042		
SUP_SL_58 6-8	258722043		
SUP_SL_58 14-16	258722044		
SUP_SL_59 0-1	258722046		
SUP_SL_59 1-2	258722047		
SUP_SL_59 2-4	258722048		
SUP_SL_59 6-8	258722049		
SUP_SL_59 10-12	258722050		
SUP_SL_59 14-16	258722051	258722052	Trip Blank. Qualified based on criteria 4.
Analyte:	m&p-Xylene		
SUP_SL_53 2-4	258722013	81683	Method Blank. Qualified based on criteria 4.
SUP_SL_53 4-6	258722014		
SUP_SL_53 6-8	258722015		
SUP_SL_53 8-10	258722016		
SUP_SL_53 10-12	258722017		
SUP_SL_53 14-16	258722019		
SUP_SL_55 2-4	258722022		
SUP_SL_55 8-10	258722025		
SUP_SL_55 10-12	258722026		
SUP_SL_55 12-14	258722027		
SUP_SL_55 14-16	258722028		
SUP_SL_57 0-1	258722030		
SUP_SL_57 1-2	258722031		
SUP_SL_57 4-6	258722033		
SUP_SL_55 0-1	258722020	81506	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_55 1-2	258722021		
SUP_SL_55 4-6	258722023		
SUP_SL_55 6-8	258722024		
SUP_SL_57 6-8	258722034	81686	Method Blank. Qualified based on criteria 4.
SUP_SL_57 8-10	258722035		
SUP_SL_57 10-12	258722036		
SUP_SL_57 12-14	258722037		
SUP_SL_57 14-16	258722038		
SUP_SL_58 2-4	258722041		
SUP_SL_58 4-6	258722042		



Analyte:	Methylene chloride		
SUP_SL_51 1-2	258722002	258722010	Trip Blank. Qualified based on criteria 4.
SUP_SL_51 2-4	258722003		
SUP_SL_51 4-6	258722004		
SUP_SL_51 6-8	258722005		
SUP_SL_51 8-10	258722006		
SUP_SL_51 10-12	258722007		
SUP_SL_51 12-14	258722008		
SUP_SL_51 14-16	258722009		
SUP_SL_55 0-1	258722020		
SUP_SL_55 1-2	258722021		
SUP_SL_53 1-2	258722012	81520	Method Blank. Qualified based on criteria 4.
SUP_SL_53 2-4	258722013	258722029	Trip Blank. Qualified based on criteria 4.
SUP_SL_55 2-4	258722022		
SUP_SL_55 4-6	258722023	81506	Method Blank. Qualified based on criteria 4.
SUP_SL_55 6-8	258722024		
SUP_SL_57 2-4	258722032	82324	Method Blank. Qualified based on criteria 4.
SUP_SL_59 1-2	258722047		
SUP_SL_59 14-16	258722051		
SUP_SL_57 6-8	258722034	81686	Method Blank. Qualified based on criteria 4.
SUP_SL_57 8-10	258722035		
SUP_SL_57 10-12	258722036		
SUP_SL_57 14-16	258722038		
SUP_SL_58 0-1	258722039		
SUP_SL_58 1-2	258722040		
SUP_SL_58 2-4	258722041		
SUP_SL_58 4-6	258722042		
SUP_SL_58 6-8	258722043		
SUP_SL_59 6-8	258722049	81812	Method Blank. Qualified based on criteria 4.
Analyte:	Naphthalene		
SUP_SL_53 1-2	258722012	82097	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_55 0-1	258722020		
SUP_SL_59 0-1	258722046	258722052	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_59 1-2	258722047		
SUP_SL_59 2-4	258722048		
SUP_SL_59 10-12	258722050		
Analyte:	n-Butylbenzene		
SUP_SL_53 2-4	258722013	81683	Method Blank. Qualified based on criteria 4.
SUP_SL_55 2-4	258722022		
SUP_SL_57 4-6	258722033		
SUP_SL_55 4-6	258722023	81506	Method Blank. Qualified based on criteria 4.
SUP_SL_55 6-8	258722024		
Analyte:	n-Propylbenzene		
SUP_SL_55 0-1	258722020	81506	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_55 1-2	258722021		
SUP_SL_55 4-6	258722023		
SUP_SL_55 6-8	258722024		
SUP_SL_57 4-6	258722033	81683	Method Blank. Qualified based on criteria 4.



Analyte:	o-Xylene		
SUP_SL_53 2-4	258722013	81683	Method Blank. Qualified based on criteria 4.
SUP_SL_53 4-6	258722014		
SUP_SL_53 6-8	258722015		
SUP_SL_53 8-10	258722016		
SUP_SL_53 10-12	258722017		
SUP_SL_55 2-4	258722022		
SUP_SL_55 8-10	258722025		
SUP_SL_55 10-12	258722026		
SUP_SL_55 12-14	258722027		
SUP_SL_57 0-1	258722030		
SUP_SL_57 1-2	258722031		
Analyte:	p-Isopropyltoluene		
SUP_SL_53 2-4	258722013	81683	Method Blank. Qualified based on criteria 4.
SUP_SL_53 4-6	258722014		
SUP_SL_53 8-10	258722016		
SUP_SL_55 2-4	258722022		
SUP_SL_55 0-1	258722020	81506	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_55 1-2	258722021		
SUP_SL_55 4-6	258722023		
SUP_SL_55 6-8	258722024		
Analyte:	Tetrachloroethene		
SUP_SL_51 1-2	258722002	81520	Method Blank. Qualified based on criteria 4.
SUP_SL_51 2-4	258722003		
SUP_SL_51 4-6	258722004		
SUP_SL_51 6-8	258722005		
SUP_SL_51 8-10	258722006		
SUP_SL_51 10-12	258722007		
SUP_SL_51 12-14	258722008		
SUP_SL_51 14-16	258722009		
SUP_SL_53 1-2	258722012		
SUP_SL_53 0-1	258722011	80837	Method Blank. Qualified based on criteria 4.
SUP_SL_55 0-1	258722020	258722010	Trip Blank. Qualified based on criteria 4.
Analyte:	Toluene		
SUP_SL_51 1-2	258722002	258722010	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_51 2-4	258722003		
SUP_SL_51 4-6	258722004		
SUP_SL_51 6-8	258722005		
SUP_SL_51 8-10	258722006		
SUP_SL_51 10-12	258722007		
SUP_SL_51 12-14	258722008		
SUP_SL_55 0-1	258722020		
SUP_SL_55 1-2	258722021		
SUP_SL_53 0-1	258722011	258722029	Trip Blank. Qualified based on criteria 6.
SUP_SL_53 1-2	258722012		



SUP_SL_53 2-4	258722013	81683	Method Blank. Qualified based on criteria 4.
SUP_SL_53 4-6	258722014		
SUP_SL_53 6-8	258722015		
SUP_SL_53 8-10	258722016		
SUP_SL_53 10-12	258722017		
SUP_SL_53 14-16	258722019		
SUP_SL_55 2-4	258722022		
SUP_SL_55 8-10	258722025		
SUP_SL_55 10-12	258722026		
SUP_SL_55 12-14	258722027		
SUP_SL_55 14-16	258722028		
SUP_SL_57 0-1	258722030		
SUP_SL_57 1-2	258722031		
SUP_SL_55 4-6	258722023	81506	Method Blank. Qualified based on criteria 4.
SUP_SL_55 6-8	258722024		
SUP_SL_57 4-6	258722033	81683	Method Blank. Qualified based on criteria 4.
SUP_SL_57 2-4	258722032		
SUP_SL_57 6-8	258722034		
SUP_SL_57 8-10	258722035		
SUP_SL_57 10-12	258722036		
SUP_SL_57 12-14	258722037		
SUP_SL_57 14-16	258722038		
SUP_SL_58 0-1	258722039		
SUP_SL_58 1-2	258722040		
SUP_SL_58 2-4	258722041		
SUP_SL_58 4-6	258722042		
SUP_SL_58 6-8	258722043		
SUP_SL_58 14-16	258722044		
SUP_SL_59 0-1	258722046	258722052	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_59 10-12	258722050		
Analyte:	Xylene (Total)		
SUP_SL_53 2-4	258722013	81683	Method Blank. Qualified based on criteria 4.
SUP_SL_53 4-6	258722014		
SUP_SL_53 6-8	258722015		
SUP_SL_53 8-10	258722016		
SUP_SL_53 10-12	258722017		
SUP_SL_53 14-16	258722019		
SUP_SL_55 2-4	258722022		
SUP_SL_55 8-10	258722025		
SUP_SL_55 10-12	258722026		
SUP_SL_55 12-14	258722027		
SUP_SL_55 14-16	258722028		
SUP_SL_57 0-1	258722030		
SUP_SL_57 1-2	258722031		
SUP_SL_57 4-6	258722033		
SUP_SL_55 0-1	258722020	81506	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_55 1-2	258722021		
SUP_SL_55 4-6	258722023		
SUP_SL_55 6-8	258722024		
SUP_SL_57 2-4	258722032	258722045	Trip Blank. Qualified based on criteria 4.



SUP_SL_57 6-8	258722034	81686	Method Blank. Qualified based on criteria 4.
SUP_SL_57 8-10	258722035		
SUP_SL_57 10-12	258722036		
SUP_SL_57 12-14	258722037		
SUP_SL_57 14-16	258722038		
SUP_SL_58 0-1	258722039		
SUP_SL_58 1-2	258722040		
SUP_SL_58 2-4	258722041		
SUP_SL_58 4-6	258722042		
SUP_SL_58 6-8	258722043		
SUP_SL_58 14-16	258722044		
SUP_SL_59 0-1	258722046	81812	Method Blank. Qualified based on criteria 4.
SUP_SL_59 10-12	258722050		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for method NWT PH-Gx and NWT PH-Dx, and one per 20 samples for method 8260. Methods NWT PH-Gx and NWT PH-Dx did not have a MS/MSD prepared and analyzed. All other methods (6010 and 8260) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment	
SUP_SL_55 1-2	258722021	80753	Arsenic	-931/-1570	75-125	6	60	Low	Results were not qualified based on criteria 2a.	
SUP_SL_55 2-4	258722022		Cadmium	23/38	75-125		20	Low		Qualified based on criteria 2c and 2e.
SUP_SL_55 4-6	258722023									
SUP_SL_55 6-8	258722024		Lead	-1160/-1420	75-125	2	20	Low	Results were not qualified based on criteria 2a.	
SUP_SL_55 8-10	258722025									
SUP_SL_55 10-12	258722026									
SUP_SL_55 12-14	258722027									
SUP_SL_55 14-16	258722028									
SUP_SL_57 0-1	258722030									
SUP_SL_57 1-2	258722031									
SUP_SL_57 2-4	258722032									
SUP_SL_57 4-6	258722033									



SUP_SL_57 6-8	258722034								
SUP_SL_57 8-10	258722035								
SUP_SL_57 10-12	258722036								
SUP_SL_57 12-14	258722037								
SUP_SL_57 14-16	258722038								
SUP_SL_58 0-1	258722039								
SUP_SL_58 1-2	258722040								
SUP_SL_58 2-4	258722041								

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per extraction batch for NWTPH-Gx and NWTPH-Dx, and one per 20 samples for 6010. Method 8260 had LCS/LCSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_53 14-16	258722019	81440	Diesel Range SG	99	61-98			High	Qualified based on criteria 1a and 1c.
SUP_SL_55 0-1	258722020								
SUP_SL_55 1-2	258722021								
SUP_SL_55 2-4	258722022		Motor Oil Range	104	61-			High	Qualified based



SUP_SL_55 4-6	258722023		SG		98				on criteria 1a and 1c.
SUP_SL_55 6-8	258722024								
SUP_SL_55 8-10	258722025								
SUP_SL_55 10-12	258722026								
SUP_SL_55 12-14	258722027								
SUP_SL_55 14-16	258722028								
SUP_SL_57 0-1	258722030								
SUP_SL_57 1-2	258722031								
SUP_SL_57 2-4	258722032								
SUP_SL_57 4-6	258722033								
SUP_SL_57 6-8	258722034								
SUP_SL_57 8-10	258722035								
SUP_SL_57 10-12	258722036								
SUP_SL_57 12-14	258722037								
SUP_SL_57 14-16	258722038								
SUP_SL_58 0-1	258722039								
SUP_SL_53 0-1	258722011	80991	Gasoline Range Organics	108	61-98			High	Qualified based on criteria 1a.
SUP_SL_53 1-2	258722012								
SUP_SL_53 2-4	258722013								
SUP_SL_53 4-6	258722014								
SUP_SL_53 6-8	258722015								
SUP_SL_53 8-10	258722016								
SUP_SL_53 10-12	258722017								
SUP_SL_53 12-14	258722018								
SUP_SL_53 14-16	258722019								
SUP_SL_55 0-1	258722020								
SUP_SL_55 1-2	258722021								
SUP_SL_55 2-4	258722022								
SUP_SL_55 4-6	258722023								
SUP_SL_55 6-8	258722024								
SUP_SL_55 8-10	258722025								
SUP_SL_55 10-12	258722026								
SUP_SL_55 12-14	258722027								
SUP_SL_55 14-16	258722028								
SUP_SL_57 0-1	258722030								
SUP_SL_57 1-2	258722031	80995	Gasoline Range Organics	117	61-98			High	Qualified based on criteria 1a.
SUP_SL_57 2-4	258722032								
SUP_SL_57 4-6	258722033								
SUP_SL_57 6-8	258722034								
SUP_SL_57 8-10	258722035								
SUP_SL_57 10-12	258722036								
SUP_SL_57 12-14	258722037								
SUP_SL_57 14-16	258722038								
SUP_SL_58 0-1	258722039								
SUP_SL_58 1-2	258722040								
SUP_SL_58 2-4	258722041								
SUP_SL_58 4-6	258722042								
SUP_SL_58 6-8	258722043								
SUP_SL_58 14-16	258722044								
SUP_SL_59 0-1	258722046								
SUP_SL_59 1-2	258722047								
SUP_SL_59 2-4	258722048								



SUP_SL_59 6-8 SUP_SL_59 10-12	258722049 258722050								
SUP_SL_51 0-1 SUP_SL_53 0-1	258722001 258722011	80838	Vinyl chloride	75/78	80-112	3	29	Low	Based on the criteria above, results were not qualified.
SUP_SL_51 1-2 SUP_SL_51 2-4 SUP_SL_51 4-6 SUP_SL_51 6-8 SUP_SL_51 8-10 SUP_SL_51 10-12 SUP_SL_51 12-14 SUP_SL_51 14-16 SUP_SL_53 1-2	258722002 258722003 258722004 258722005 258722006 258722007 258722008 258722009 258722012	81521	Vinyl chloride	68/64	80-112	7	29	Low	Based on the criteria above, results were not qualified
SUP_SL_59 0-1 SUP_SL_59 2-4 SUP_SL_59 6-8 SUP_SL_59 10-12	258722046 258722048 258722049 258722050	81813	Vinyl chloride	114/111	80-112	3	29	High	Based on the criteria above, results were not qualified
SUP_SL_57 2-4 SUP_SL_59 1-2 SUP_SL_59 14-16	258722032 258722047 258722051	82325	tert-Amylmethyl ether	56	59-145			Low	Based on the criteria above, results were not qualified

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 6010, 8260, NWTPH-Gx and NWTPH-Dx. No duplicates were collected.

Action: No action was taken based on the evaluation of field duplicates.

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

The chain-of-custodies requested NWTPH-Gx, NWTPH-Dx, 8260 and 6010 be run for Trip Blank #11 (258722010), Trip Blank #6 (258722029), and Trip Blank #13 (258722052), however only NWTPH-Gx and 8260 were analyzed per the SAP & QAPP. No analysis was requested on the chain-of-custody for Trip Blank #12 (258722045) and the number of containers and preservatives used were not listed. The lab correctly ran method NWTPH-Gx and 8260 per the SAP & QAPP for this sample. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were not used. The temperature of the delivery coolers were recorded at 2.8, 1.8, 3.4, and 3.8 °C and were within the required temperature range. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Due to low recoveries in the surrogates (>10% and less than lower acceptance limit), the detected results for VOCs were flagged as estimated (J) in samples SUP_SL_51 4-6 (258722004) and SUP_SL_51 8-10 (258722006). The lab confirmed the matrix interference with re-analysis but did not re-extract the sample.

Due to high recoveries in the surrogates, the detected results for gasoline range organics were flagged as estimated (J) in sample SUP_SL_53 1-2 (258722012). The lab did not confirm the matrix interference with re-analysis.



Five detected acetone results for samples (SUP_SL_53 6-8 [258722015], SUP_SL_53 8-10 [258722016], SUP_SL_53 10-12 [258722017], SUP_SL_53 14-16 [258722019], and SUP_SL_55 8-10 [258722025]) were qualified as estimated (J) due to potential false positives from vial contamination from the manufacturer.

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Five hundred sixty-three (563) sample results were qualified (see Attachment 1).
- Fifty detected sample results were qualified as estimated (J) due to LCS/LCSD recoveries that exceeded control limits, surrogate recoveries that exceeded control limits, MS/MSD recoveries that exceeded control limits, or a laboratory noted qualifier.
- One hundred twenty-two nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits or surrogate recoveries that exceeded control limits.
- Seventy-two detected sample results were qualified (B) and 250 detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.
- Eleven detected sample results were qualified estimated (JB) and 39 detected sample results were qualified as nondetected (UJB) due to method/trip blank contamination and LCS/LCSD recoveries that exceeded control limits or surrogate recoveries that exceeded control limits.
- Nineteen nondetected samples results were qualified rejected (UR) due to MS/MSD recoveries that exceeded control limits.

Excluding the nineteen rejected sample results, all other sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_51_0-1	258722001	EPA 8260	Solid	Acetone	155	ug/kg	0.98	B	Trip Blank Contamination
SUP_SL_51_0-1	258722001	NWTPH-Gx	Solid	Gasoline Range Organics	0.62 J	mg/kg	0.21	UB	Method Blank Contamination
SUP_SL_51_1-2	258722002	EPA 8260	Solid	1,2,4-Trichlorobenzene	0.33 J	ug/kg	0.32	UB	Method Blank Contamination
SUP_SL_51_1-2	258722002	EPA 8260	Solid	Acetone	79.8	ug/kg	1.4	UB	Trip Blank Contamination
SUP_SL_51_1-2	258722002	EPA 8260	Solid	Benzene	1.3 J	ug/kg	0.20	B	Method Blank Contamination
SUP_SL_51_1-2	258722002	EPA 8260	Solid	Carbon disulfide	4.9	ug/kg	0.36	B	Method Blank Contamination
SUP_SL_51_1-2	258722002	EPA 8260	Solid	Methylene chloride	10.0 J	ug/kg	3.5	UB	Trip Blank Contamination
SUP_SL_51_1-2	258722002	EPA 8260	Solid	Tetrachloroethene	1.8 J	ug/kg	0.50	UB	Method Blank Contamination
SUP_SL_51_1-2	258722002	EPA 8260	Solid	Toluene	1.3 J	ug/kg	0.40	UB	Trip Blank Contamination
SUP_SL_51_1-2	258722002	NWTPH-Gx	Solid	Gasoline Range Organics	11.1	mg/kg	0.36	B	Method Blank Contamination
SUP_SL_51_2-4	258722003	EPA 8260	Solid	Acetone	41.0	ug/kg	1.1	UB	Trip Blank Contamination
SUP_SL_51_2-4	258722003	EPA 8260	Solid	Benzene	5.0	ug/kg	0.15	B	Method Blank Contamination
SUP_SL_51_2-4	258722003	EPA 8260	Solid	Carbon disulfide	1.9 J	ug/kg	0.28	UB	Method Blank Contamination
SUP_SL_51_2-4	258722003	EPA 8260	Solid	Methylene chloride	9.7 J	ug/kg	2.7	UB	Trip Blank Contamination
SUP_SL_51_2-4	258722003	EPA 8260	Solid	Tetrachloroethene	1.9 J	ug/kg	0.39	UB	Method Blank Contamination
SUP_SL_51_2-4	258722003	EPA 8260	Solid	Toluene	3.4	ug/kg	0.31	B	Trip Blank Contamination
SUP_SL_51_2-4	258722003	NWTPH-Gx	Solid	Gasoline Range Organics	0.99 J	mg/kg	0.24	UB	Method Blank Contamination
SUP_SL_51_4-6	258722004	EPA 6010	Solid	Cadmium	0.16 J	mg/kg	0.015	B	Method Blank Contamination
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,1,1,2-Tetrachloroethane	<0.22	ug/kg	0.22	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,1,1-Trichloroethane	<0.28	ug/kg	0.28	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,1,2,2-Tetrachloroethane	<0.42	ug/kg	0.42	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,1,2-Trichloroethane	<0.42	ug/kg	0.42	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,1,2-Trichlorotrifluoroethane	<0.61	ug/kg	0.61	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,1-Dichloroethane	<0.36	ug/kg	0.36	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,1-Dichloroethene	<0.56	ug/kg	0.56	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,1-Dichloropropene	<0.52	ug/kg	0.52	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2,3-Trichlorobenzene	<0.42	ug/kg	0.42	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2,3-Trichloropropane	<0.51	ug/kg	0.51	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2,4-Trichlorobenzene	<0.37	ug/kg	0.37	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2,4-Trimethylbenzene	1.2 J	ug/kg	0.78	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2-Dibromo-3-chloropropane	<0.59	ug/kg	0.59	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2-Dibromoethane (EDB)	<0.32	ug/kg	0.32	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2-Dichlorobenzene	<0.37	ug/kg	0.37	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2-Dichloroethane	<0.33	ug/kg	0.33	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2-Dichloroethene (Total)	<0.56	ug/kg	0.56	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,2-Dichloropropane	<0.27	ug/kg	0.27	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,3,5-Trimethylbenzene	<0.48	ug/kg	0.48	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,3-Dichlorobenzene	<0.29	ug/kg	0.29	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,3-Dichloropropane	<0.42	ug/kg	0.42	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	1,4-Dichlorobenzene	<0.36	ug/kg	0.36	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	2,2-Dichloropropane	<0.28	ug/kg	0.28	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	2-Butanone (MEK)	<2.3	ug/kg	2.3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	2-Chlorotoluene	<0.47	ug/kg	0.47	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	2-Hexanone	<0.54	ug/kg	0.54	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	4-Chlorotoluene	<0.40	ug/kg	0.40	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	4-Methyl-2-pentanone (MIBK)	<0.46	ug/kg	0.46	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Acetone	112	ug/kg	1.6	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Benzene	13.0	ug/kg	0.23	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Bromobenzene	<0.35	ug/kg	0.35	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Bromochloromethane	<0.33	ug/kg	0.33	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Bromodichloromethane	<0.18	ug/kg	0.18	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Bromoform	<0.35	ug/kg	0.35	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Bromomethane	<0.48	ug/kg	0.48	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Carbon disulfide	2.2 J	ug/kg	0.42	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Carbon tetrachloride	<0.27	ug/kg	0.27	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Chlorobenzene	<0.27	ug/kg	0.27	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Chloroethane	<0.43	ug/kg	0.43	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Chloroform	<0.29	ug/kg	0.29	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Chloromethane	<0.31	ug/kg	0.31	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Dibromochloromethane	<0.15	ug/kg	0.15	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Dibromomethane	<0.31	ug/kg	0.31	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Dichlorodifluoromethane	<0.62	ug/kg	0.62	UJ	Surrogate Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Ethylbenzene	0.67 J	ug/kg	0.57	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Hexachloro-1,3-butadiene	<0.45	ug/kg	0.45	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Isopropylbenzene (Cumene)	<0.52	ug/kg	0.52	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Methyl-tert-butyl ether	<0.38	ug/kg	0.38	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Methylene chloride	13.0 J	ug/kg	4.0	UJB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Naphthalene	9.6	ug/kg	0.82	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Styrene	<0.43	ug/kg	0.43	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Tetrachloroethene	1.8 J	ug/kg	0.57	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Toluene	11.0	ug/kg	0.46	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Trichloroethene	<0.32	ug/kg	0.32	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Trichlorofluoromethane	<0.34	ug/kg	0.34	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Vinyl chloride	<0.42	ug/kg	0.42	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	Xylene (Total)	4.0 J	ug/kg	1.1	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	cis-1,2-Dichloroethene	<0.31	ug/kg	0.31	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	cis-1,3-Dichloropropene	<0.20	ug/kg	0.20	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	m&p-Xylene	2.8 J	ug/kg	1.1	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	n-Butylbenzene	<0.69	ug/kg	0.69	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	n-Propylbenzene	<0.53	ug/kg	0.53	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	o-Xylene	1.2 J	ug/kg	0.49	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	p-Isopropyltoluene	1.0 J	ug/kg	0.58	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	sec-Butylbenzene	<0.63	ug/kg	0.63	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	tert-Amyl methyl ether	<0.39	ug/kg	0.39	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	tert-Butylbenzene	<0.52	ug/kg	0.52	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	trans-1,2-Dichloroethene	<0.45	ug/kg	0.45	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	EPA 8260	Solid	trans-1,3-Dichloropropene	<0.32	ug/kg	0.32	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_4-6	258722004	NWTPH-Gx	Solid	Gasoline Range Organics	4.3 J	mg/kg	0.35	B	Method Blank Contamination
SUP_SL_51_6-8	258722005	EPA 6010	Solid	Cadmium	0.37 J	mg/kg	0.013	B	Method Blank Contamination
SUP_SL_51_6-8	258722005	EPA 8260	Solid	Acetone	82.2	ug/kg	1.6	UB	Trip Blank Contamination
SUP_SL_51_6-8	258722005	EPA 8260	Solid	Benzene	2.3 J	ug/kg	0.22	B	Method Blank Contamination
SUP_SL_51_6-8	258722005	EPA 8260	Solid	Carbon disulfide	3.6 J	ug/kg	0.41	UB	Method Blank Contamination
SUP_SL_51_6-8	258722005	EPA 8260	Solid	Methylene chloride	12.7 J	ug/kg	3.9	UB	Trip Blank Contamination
SUP_SL_51_6-8	258722005	EPA 8260	Solid	Tetrachloroethene	1.9 J	ug/kg	0.56	UB	Method Blank Contamination
SUP_SL_51_6-8	258722005	EPA 8260	Solid	Toluene	2.9 J	ug/kg	0.45	B	Trip Blank Contamination
SUP_SL_51_6-8	258722005	NWTPH-Gx	Solid	Gasoline Range Organics	2.2 J	mg/kg	0.47	UB	Method Blank Contamination
SUP_SL_51_8-10	258722006	EPA 6010	Solid	Cadmium	7.1	mg/kg	0.012	B	Method Blank Contamination
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,1,1,2-Tetrachloroethane	<0.24	ug/kg	0.24	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,1,1-Trichloroethane	<0.30	ug/kg	0.30	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,1,2,2-Tetrachloroethane	<0.46	ug/kg	0.46	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,1,2-Trichloroethane	<0.46	ug/kg	0.46	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,1,2-Trichlorotrifluoroethane	<0.67	ug/kg	0.67	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,1-Dichloroethane	<0.39	ug/kg	0.39	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,1-Dichloroethene	<0.62	ug/kg	0.62	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,1-Dichloropropene	<0.58	ug/kg	0.58	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2,3-Trichlorobenzene	<0.46	ug/kg	0.46	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2,3-Trichloropropane	<0.57	ug/kg	0.57	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2,4-Trichlorobenzene	<0.40	ug/kg	0.40	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2,4-Trimethylbenzene	1.6 J	ug/kg	0.86	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2-Dibromo-3-chloropropane	<0.65	ug/kg	0.65	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2-Dibromoethane (EDB)	<0.35	ug/kg	0.35	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2-Dichlorobenzene	<0.41	ug/kg	0.41	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2-Dichloroethane	<0.37	ug/kg	0.37	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2-Dichloroethene (Total)	<0.62	ug/kg	0.62	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,2-Dichloropropane	<0.30	ug/kg	0.30	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,3,5-Trimethylbenzene	0.64 J	ug/kg	0.53	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,3-Dichlorobenzene	<0.32	ug/kg	0.32	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,3-Dichloropropane	<0.46	ug/kg	0.46	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	1,4-Dichlorobenzene	<0.40	ug/kg	0.40	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	2,2-Dichloropropane	<0.31	ug/kg	0.31	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	2-Butanone (MEK)	42.3	ug/kg	2.5	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	2-Chlorotoluene	<0.52	ug/kg	0.52	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	2-Hexanone	<0.60	ug/kg	0.60	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51_8-10	258722006	EPA 8260	Solid	4-Chlorotoluene	<0.44	ug/kg	0.44	UJ	Surrogate Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_51 8-10	258722006	EPA 8260	Solid	4-Methyl-2-pentanone (MIBK)	<0.51	ug/kg	0.51	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Acetone	136	ug/kg	1.8	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Benzene	2.9 J	ug/kg	0.25	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Bromobenzene	<0.39	ug/kg	0.39	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Bromochloromethane	<0.37	ug/kg	0.37	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Bromodichloromethane	<0.20	ug/kg	0.20	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Bromoform	<0.39	ug/kg	0.39	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Bromomethane	<0.53	ug/kg	0.53	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Carbon disulfide	3.3 J	ug/kg	0.46	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Carbon tetrachloride	<0.30	ug/kg	0.30	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Chlorobenzene	<0.30	ug/kg	0.30	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Chloroethane	<0.48	ug/kg	0.48	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Chloroform	<0.32	ug/kg	0.32	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Chloromethane	<0.34	ug/kg	0.34	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Dibromochloromethane	<0.17	ug/kg	0.17	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Dibromomethane	<0.35	ug/kg	0.35	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Dichlorodifluoromethane	<0.69	ug/kg	0.69	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Ethylbenzene	0.64 J	ug/kg	0.63	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Hexachloro-1,3-butadiene	<0.49	ug/kg	0.49	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Isopropylbenzene (Cumene)	<0.58	ug/kg	0.58	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Methyl-tert-butyl ether	<0.42	ug/kg	0.42	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Methylene chloride	15.6 J	ug/kg	4.4	UJB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Naphthalene	16.8	ug/kg	0.91	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Styrene	<0.48	ug/kg	0.48	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Tetrachloroethene	2.0 J	ug/kg	0.64	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Toluene	3.8 J	ug/kg	0.51	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Trichloroethene	<0.35	ug/kg	0.35	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Trichlorofluoromethane	<0.38	ug/kg	0.38	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Vinyl chloride	<0.47	ug/kg	0.47	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	Xylene (Total)	3.3 J	ug/kg	1.2	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	cis-1,2-Dichloroethene	<0.35	ug/kg	0.35	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	cis-1,3-Dichloropropene	<0.22	ug/kg	0.22	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	m&p-Xylene	2.3 J	ug/kg	1.2	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	n-Butylbenzene	<0.76	ug/kg	0.76	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	n-Propylbenzene	<0.59	ug/kg	0.59	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	o-Xylene	1.0 J	ug/kg	0.54	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	p-Isopropyltoluene	<0.64	ug/kg	0.64	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	sec-Butylbenzene	<0.70	ug/kg	0.70	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	tert-Amylmethyl ether	<0.43	ug/kg	0.43	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	tert-Butylbenzene	<0.57	ug/kg	0.57	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	trans-1,2-Dichloroethene	<0.50	ug/kg	0.50	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	EPA 8260	Solid	trans-1,3-Dichloropropene	<0.35	ug/kg	0.35	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_51 8-10	258722006	NWTPH-Gx	Solid	Gasoline Range Organics	1.8 J	mg/kg	0.43	UB	Method Blank Contamination
SUP_SL_51 10-12	258722007	EPA 6010	Solid	Cadmium	2.3	mg/kg	0.014	B	Method Blank Contamination
SUP_SL_51 10-12	258722007	EPA 8260	Solid	Acetone	376	ug/kg	1.8	B	Trip Blank Contamination
SUP_SL_51 10-12	258722007	EPA 8260	Solid	Benzene	4.8	ug/kg	0.24	B	Method Blank Contamination
SUP_SL_51 10-12	258722007	EPA 8260	Solid	Carbon disulfide	9.4	ug/kg	0.45	B	Method Blank Contamination
SUP_SL_51 10-12	258722007	EPA 8260	Solid	Methylene chloride	13.2 J	ug/kg	4.3	UB	Trip Blank Contamination
SUP_SL_51 10-12	258722007	EPA 8260	Solid	Tetrachloroethene	1.6 J	ug/kg	0.62	UB	Trip Blank Contamination
SUP_SL_51 10-12	258722007	EPA 8260	Solid	Toluene	2.4 J	ug/kg	0.50	UB	Trip Blank Contamination
SUP_SL_51 10-12	258722007	NWTPH-Gx	Solid	Gasoline Range Organics	2.9 J	mg/kg	0.46	UB	Method Blank Contamination
SUP_SL_51 12-14	258722008	EPA 8260	Solid	Acetone	125	ug/kg	1.5	B	Trip Blank Contamination
SUP_SL_51 12-14	258722008	EPA 8260	Solid	Benzene	1.9 J	ug/kg	0.21	B	Method Blank Contamination
SUP_SL_51 12-14	258722008	EPA 8260	Solid	Carbon disulfide	9.5	ug/kg	0.38	B	Method Blank Contamination
SUP_SL_51 12-14	258722008	EPA 8260	Solid	Methylene chloride	12.6 J	ug/kg	3.6	UB	Trip Blank Contamination
SUP_SL_51 12-14	258722008	EPA 8260	Solid	Tetrachloroethene	1.7 J	ug/kg	0.52	UB	Method Blank Contamination
SUP_SL_51 12-14	258722008	EPA 8260	Solid	Toluene	1.4 J	ug/kg	0.42	UB	Trip Blank Contamination
SUP_SL_51 12-14	258722008	NWTPH-Gx	Solid	Gasoline Range Organics	1.5 J	mg/kg	0.35	UB	Method Blank Contamination
SUP_SL_51 14-16	258722009	EPA 8260	Solid	Acetone	35.5	ug/kg	1.3	UB	Trip Blank Contamination

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_51 14-16	258722009	EPA 8260	Solid	Benzene	0.37 J	ug/kg	0.18	UB	Method Blank Contamination
SUP_SL_51 14-16	258722009	EPA 8260	Solid	Carbon disulfide	2.6 J	ug/kg	0.33	UB	Method Blank Contamination
SUP_SL_51 14-16	258722009	EPA 8260	Solid	Methylene chloride	10.2 J	ug/kg	3.2	UB	Trip Blank Contamination
SUP_SL_51 14-16	258722009	EPA 8260	Solid	Tetrachloroethene	0.91 J	ug/kg	0.46	UB	Method Blank Contamination
SUP_SL_51 14-16	258722009	NWTPH-Gx	Solid	Gasoline Range Organics	0.83 J	mg/kg	0.29	UB	Method Blank Contamination
SUP_SL_53 0-1	258722011	EPA 6010	Solid	Cadmium	3.1 J	mg/kg	0.072	B	Method Blank Contamination
SUP_SL_53 0-1	258722011	EPA 8260	Solid	Acetone	499	ug/kg	3.2	B	Method Blank Contamination
SUP_SL_53 0-1	258722011	EPA 8260	Solid	Benzene	6.2 J	ug/kg	0.43	B	Method Blank Contamination
SUP_SL_53 0-1	258722011	EPA 8260	Solid	Carbon disulfide	10.9	ug/kg	0.80	B	Method Blank Contamination
SUP_SL_53 0-1	258722011	EPA 8260	Solid	Tetrachloroethene	1.1 J	ug/kg	1.1	UB	Method Blank Contamination
SUP_SL_53 0-1	258722011	EPA 8260	Solid	Toluene	82.3	ug/kg	0.88	B	Trip Blank Contamination
SUP_SL_53 0-1	258722011	NWTPH-Gx	Solid	Gasoline Range Organics	89.3	mg/kg	0.45	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 1-2	258722012	EPA 8260	Solid	Acetone	379	ug/kg	1.3	B	Method Blank Contamination
SUP_SL_53 1-2	258722012	EPA 8260	Solid	Benzene	3.0 J	ug/kg	0.17	B	Method Blank Contamination
SUP_SL_53 1-2	258722012	EPA 8260	Solid	Carbon disulfide	2.5 J	ug/kg	0.32	UB	Method Blank Contamination
SUP_SL_53 1-2	258722012	EPA 8260	Solid	Methylene chloride	12.0	ug/kg	3.1	UB	Method Blank Contamination
SUP_SL_53 1-2	258722012	EPA 8260	Solid	Naphthalene	49600	ug/kg	429	B	Method Blank Contamination
SUP_SL_53 1-2	258722012	EPA 8260	Solid	Tetrachloroethene	2.4 J	ug/kg	0.44	UB	Method Blank Contamination
SUP_SL_53 1-2	258722012	EPA 8260	Solid	Toluene	11.7	ug/kg	0.36	B	Trip Blank Contamination
SUP_SL_53 1-2	258722012	NWTPH-Gx	Solid	Gasoline Range Organics	433	mg/kg	0.23	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 2-4	258722013	EPA 6010	Solid	Cadmium	25.4 J	mg/kg	0.41	B	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	1,2,4-Trimethylbenzene	2.2 J	ug/kg	0.44	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	1,3,5-Trimethylbenzene	0.77 J	ug/kg	0.27	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	Benzene	0.54 J	ug/kg	0.13	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	Ethylbenzene	0.54 J	ug/kg	0.32	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	Methylene chloride	2.3 J	ug/kg	2.3	UB	Trip Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	Toluene	0.98 J	ug/kg	0.26	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	Xylene (Total)	2.8 J	ug/kg	0.64	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	m&p-Xylene	2.1 J	ug/kg	0.64	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	n-Butylbenzene	0.59 J	ug/kg	0.39	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	o-Xylene	0.74 J	ug/kg	0.28	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	EPA 8260	Solid	p-Isopropyltoluene	0.68 J	ug/kg	0.33	UB	Method Blank Contamination
SUP_SL_53 2-4	258722013	NWTPH-Gx	Solid	Gasoline Range Organics	2.0 J	mg/kg	0.18	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 4-6	258722014	EPA 6010	Solid	Cadmium	24.4 J	mg/kg	0.52	B	Method Blank Contamination
SUP_SL_53 4-6	258722014	EPA 8260	Solid	1,2,4-Trimethylbenzene	1.0 J	ug/kg	0.41	UB	Method Blank Contamination
SUP_SL_53 4-6	258722014	EPA 8260	Solid	1,3,5-Trimethylbenzene	0.31 J	ug/kg	0.25	UB	Method Blank Contamination
SUP_SL_53 4-6	258722014	EPA 8260	Solid	Benzene	0.54 J	ug/kg	0.12	UB	Method Blank Contamination
SUP_SL_53 4-6	258722014	EPA 8260	Solid	Ethylbenzene	0.43 J	ug/kg	0.30	UB	Method Blank Contamination
SUP_SL_53 4-6	258722014	EPA 8260	Solid	Toluene	0.84 J	ug/kg	0.24	UB	Method Blank Contamination
SUP_SL_53 4-6	258722014	EPA 8260	Solid	Xylene (Total)	2.1 J	ug/kg	0.59	UB	Method Blank Contamination
SUP_SL_53 4-6	258722014	EPA 8260	Solid	m&p-Xylene	1.7 J	ug/kg	0.59	UB	Method Blank Contamination
SUP_SL_53 4-6	258722014	EPA 8260	Solid	o-Xylene	0.46 J	ug/kg	0.26	UB	Method Blank Contamination
SUP_SL_53 4-6	258722014	EPA 8260	Solid	p-Isopropyltoluene	0.46 J	ug/kg	0.30	UB	Method Blank Contamination
SUP_SL_53 4-6	258722014	NWTPH-Gx	Solid	Gasoline Range Organics	1.1 J	mg/kg	0.17	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 6-8	258722015	EPA 8260	Solid	1,2,4-Trimethylbenzene	0.95 J	ug/kg	0.77	UB	Method Blank Contamination
SUP_SL_53 6-8	258722015	EPA 8260	Solid	Acetone	26.2	ug/kg	1.6	J	Laboratory Noted Qualifier
SUP_SL_53 6-8	258722015	EPA 8260	Solid	Benzene	1.3 J	ug/kg	0.22	UB	Method Blank Contamination
SUP_SL_53 6-8	258722015	EPA 8260	Solid	Ethylbenzene	0.67 J	ug/kg	0.56	UB	Method Blank Contamination
SUP_SL_53 6-8	258722015	EPA 8260	Solid	Toluene	1.1 J	ug/kg	0.46	UB	Method Blank Contamination
SUP_SL_53 6-8	258722015	EPA 8260	Solid	Xylene (Total)	3.2 J	ug/kg	1.1	UB	Method Blank Contamination
SUP_SL_53 6-8	258722015	EPA 8260	Solid	m&p-Xylene	2.6 J	ug/kg	1.1	UB	Method Blank Contamination
SUP_SL_53 6-8	258722015	EPA 8260	Solid	o-Xylene	0.67 J	ug/kg	0.48	UB	Method Blank Contamination
SUP_SL_53 6-8	258722015	NWTPH-Gx	Solid	Gasoline Range Organics	3.3 J	mg/kg	0.37	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 8-10	258722016	EPA 6010	Solid	Cadmium	2.8 J	mg/kg	0.056	B	Method Blank Contamination
SUP_SL_53 8-10	258722016	EPA 8260	Solid	1,2,4-Trimethylbenzene	1.7 J	ug/kg	0.74	UB	Method Blank Contamination
SUP_SL_53 8-10	258722016	EPA 8260	Solid	1,3,5-Trimethylbenzene	0.53 J	ug/kg	0.46	UB	Method Blank Contamination
SUP_SL_53 8-10	258722016	EPA 8260	Solid	Acetone	71.3	ug/kg	1.6	J	Laboratory Noted Qualifier
SUP_SL_53 8-10	258722016	EPA 8260	Solid	Benzene	1.2 J	ug/kg	0.21	UB	Method Blank Contamination
SUP_SL_53 8-10	258722016	EPA 8260	Solid	Ethylbenzene	0.68 J	ug/kg	0.54	UB	Method Blank Contamination

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_53 8-10	258722016	EPA 8260	Solid	Toluene	1.4 J	ug/kg	0.44	UB	Method Blank Contamination
SUP_SL_53 8-10	258722016	EPA 8260	Solid	Xylene (Total)	3.1 J	ug/kg	1.1	UB	Method Blank Contamination
SUP_SL_53 8-10	258722016	EPA 8260	Solid	m&p-Xylene	2.4 J	ug/kg	1.1	UB	Method Blank Contamination
SUP_SL_53 8-10	258722016	EPA 8260	Solid	o-Xylene	0.67 J	ug/kg	0.46	UB	Method Blank Contamination
SUP_SL_53 8-10	258722016	EPA 8260	Solid	p-Isopropyltoluene	1.1 J	ug/kg	0.55	UB	Method Blank Contamination
SUP_SL_53 8-10	258722016	NWTPH-Gx	Solid	Gasoline Range Organics	2.4 J	mg/kg	0.27	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 10-12	258722017	EPA 8260	Solid	1,2,4-Trimethylbenzene	1.2 J	ug/kg	0.85	UB	Method Blank Contamination
SUP_SL_53 10-12	258722017	EPA 8260	Solid	Acetone	42.5	ug/kg	1.8	J	Laboratory Noted Qualifier
SUP_SL_53 10-12	258722017	EPA 8260	Solid	Benzene	1.2 J	ug/kg	0.25	UB	Method Blank Contamination
SUP_SL_53 10-12	258722017	EPA 8260	Solid	Ethylbenzene	0.69 J	ug/kg	0.62	UB	Method Blank Contamination
SUP_SL_53 10-12	258722017	EPA 8260	Solid	Toluene	1.4 J	ug/kg	0.51	UB	Method Blank Contamination
SUP_SL_53 10-12	258722017	EPA 8260	Solid	Xylene (Total)	3.5 J	ug/kg	1.2	UB	Method Blank Contamination
SUP_SL_53 10-12	258722017	EPA 8260	Solid	m&p-Xylene	2.8 J	ug/kg	1.2	UB	Method Blank Contamination
SUP_SL_53 10-12	258722017	EPA 8260	Solid	o-Xylene	0.71 J	ug/kg	0.54	UB	Method Blank Contamination
SUP_SL_53 10-12	258722017	NWTPH-Gx	Solid	Gasoline Range Organics	1.9 J	mg/kg	0.51	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 12-14	258722018	EPA 6010	Solid	Cadmium	0.15 J	mg/kg	0.064	B	Method Blank Contamination
SUP_SL_53 12-14	258722018	EPA 8260	Solid	Acetone	21.8	ug/kg	1.4	UB	Method Blank Contamination
SUP_SL_53 12-14	258722018	EPA 8260	Solid	Benzene	0.30 J	ug/kg	0.19	UB	Method Blank Contamination
SUP_SL_53 12-14	258722018	NWTPH-Gx	Solid	Gasoline Range Organics	0.93 J	mg/kg	0.34	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 14-16	258722019	EPA 8260	Solid	Acetone	14.3	ug/kg	1.2	J	Laboratory Noted Qualifier
SUP_SL_53 14-16	258722019	EPA 8260	Solid	Benzene	0.56 J	ug/kg	0.16	UB	Method Blank Contamination
SUP_SL_53 14-16	258722019	EPA 8260	Solid	Toluene	0.65 J	ug/kg	0.33	UB	Method Blank Contamination
SUP_SL_53 14-16	258722019	EPA 8260	Solid	Xylene (Total)	1.8 J	ug/kg	0.81	UB	Method Blank Contamination
SUP_SL_53 14-16	258722019	EPA 8260	Solid	m&p-Xylene	1.5 J	ug/kg	0.81	UB	Method Blank Contamination
SUP_SL_53 14-16	258722019	NWTPH-Dx	Solid	Diesel Range SG	<9.4	mg/kg	9.4	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 14-16	258722019	NWTPH-Dx	Solid	Motor Oil Range SG	<37.8	mg/kg	37.8	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_53 14-16	258722019	NWTPH-Gx	Solid	Gasoline Range Organics	0.69 J	mg/kg	0.27	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 0-1	258722020	EPA 8260	Solid	1,2,4-Trimethylbenzene	16.6 J	ug/kg	2.0	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	1,2-Dichlorobenzene	2.6 J	ug/kg	0.31	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	1,4-Dichlorobenzene	3.4 J	ug/kg	0.30	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	2-Butanone (MEK)	49.8	ug/kg	1.9	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	Acetone	175	ug/kg	1.4	B	Trip Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	Benzene	4.4	ug/kg	0.19	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	Carbon disulfide	1.8 J	ug/kg	0.35	UB	Trip Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	Methylene chloride	3.9 J	ug/kg	3.3	UB	Trip Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	Naphthalene	55.5 J	ug/kg	2.4	UB	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	Tetrachloroethene	0.67 J	ug/kg	0.48	UB	Trip Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	Toluene	18.6	ug/kg	0.39	B	Trip Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	Xylene (Total)	225	ug/kg	0.94	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	m&p-Xylene	131	ug/kg	0.94	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	n-Propylbenzene	41.0	ug/kg	0.44	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	o-Xylene	93.3	ug/kg	0.41	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	EPA 8260	Solid	p-Isopropyltoluene	91.9	ug/kg	0.48	B	Method Blank Contamination
SUP_SL_55 0-1	258722020	NWTPH-Dx	Solid	Diesel Range SG	10100	mg/kg	86.9	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 0-1	258722020	NWTPH-Dx	Solid	Motor Oil Range SG	14600	mg/kg	348	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 0-1	258722020	NWTPH-Gx	Solid	Gasoline Range Organics	11.0	mg/kg	0.17	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 1-2	258722021	EPA 6010	Solid	Cadmium	<0.54	mg/kg	0.54	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_55 1-2	258722021	EPA 8260	Solid	1,2,4-Trimethylbenzene	10.9	ug/kg	0.53	B	Method Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	4-Chlorotoluene	0.41 J	ug/kg	0.27	UB	Method Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	Acetone	9.7 J	ug/kg	1.1	UB	Trip Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	Benzene	0.32 J	ug/kg	0.15	UB	Method Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	Carbon disulfide	1.4 J	ug/kg	0.29	UB	Trip Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	Methylene chloride	3.6 J	ug/kg	2.7	UB	Trip Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	Toluene	0.48 J	ug/kg	0.32	UB	Trip Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	Xylene (Total)	4.2 J	ug/kg	0.77	UB	Method Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	m&p-Xylene	2.4 J	ug/kg	0.77	UB	Method Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	n-Propylbenzene	0.80 J	ug/kg	0.36	UB	Method Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	o-Xylene	1.8 J	ug/kg	0.34	UB	Method Blank Contamination
SUP_SL_55 1-2	258722021	EPA 8260	Solid	p-Isopropyltoluene	2.5 J	ug/kg	0.40	UB	Method Blank Contamination
SUP_SL_55 1-2	258722021	NWTPH-Dx	Solid	Diesel Range SG	2540	mg/kg	8.7	J	LCS/LCSD Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_55 1-2	258722021	NWTPH-Dx	Solid	Motor Oil Range SG	2740	mg/kg	34.6	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 1-2	258722021	NWTPH-Gx	Solid	Gasoline Range Organics	683	mg/kg	4.1	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 2-4	258722022	EPA 6010	Solid	Cadmium	<0.47	mg/kg	0.47	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_55 2-4	258722022	EPA 8260	Solid	1,2,4-Trimethylbenzene	3.3	ug/kg	0.46	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	1,3,5-Trimethylbenzene	1.2 J	ug/kg	0.29	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	Benzene	0.37 J	ug/kg	0.13	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	Ethylbenzene	0.43 J	ug/kg	0.34	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	Methylene chloride	2.4 J	ug/kg	2.4	UB	Trip Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	Toluene	0.53 J	ug/kg	0.28	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	Xylene (Total)	2.4 J	ug/kg	0.67	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	m&p-Xylene	1.7 J	ug/kg	0.67	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	n-Butylbenzene	0.74 J	ug/kg	0.41	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	o-Xylene	0.72 J	ug/kg	0.29	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	EPA 8260	Solid	p-Isopropyltoluene	0.62 J	ug/kg	0.34	UB	Method Blank Contamination
SUP_SL_55 2-4	258722022	NWTPH-Dx	Solid	Diesel Range SG	32.4	mg/kg	8.1	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 2-4	258722022	NWTPH-Dx	Solid	Motor Oil Range SG	56.5 J	mg/kg	32.5	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 2-4	258722022	NWTPH-Gx	Solid	Gasoline Range Organics	3.4 J	mg/kg	0.19	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 4-6	258722023	EPA 6010	Solid	Cadmium	<0.42	mg/kg	0.42	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_55 4-6	258722023	EPA 8260	Solid	1,2,4-Trimethylbenzene	5.3	ug/kg	0.38	B	Method Blank Contamination
SUP_SL_55 4-6	258722023	EPA 8260	Solid	Acetone	2.0 J	ug/kg	0.80	UB	Method Blank Contamination
SUP_SL_55 4-6	258722023	EPA 8260	Solid	Methylene chloride	2.4 J	ug/kg	1.9	UB	Method Blank Contamination
SUP_SL_55 4-6	258722023	EPA 8260	Solid	Toluene	0.37 J	ug/kg	0.23	UB	Method Blank Contamination
SUP_SL_55 4-6	258722023	EPA 8260	Solid	Xylene (Total)	2.4 J	ug/kg	0.55	UB	Method Blank Contamination
SUP_SL_55 4-6	258722023	EPA 8260	Solid	m&p-Xylene	1.4 J	ug/kg	0.55	UB	Method Blank Contamination
SUP_SL_55 4-6	258722023	EPA 8260	Solid	n-Butylbenzene	1.2 J	ug/kg	0.33	UB	Method Blank Contamination
SUP_SL_55 4-6	258722023	EPA 8260	Solid	n-Propylbenzene	0.46 J	ug/kg	0.26	UB	Method Blank Contamination
SUP_SL_55 4-6	258722023	EPA 8260	Solid	o-Xylene	1.1 J	ug/kg	0.24	UB	Method Blank Contamination
SUP_SL_55 4-6	258722023	EPA 8260	Solid	p-Isopropyltoluene	1.0 J	ug/kg	0.28	UB	Method Blank Contamination
SUP_SL_55 4-6	258722023	NWTPH-Dx	Solid	Diesel Range SG	22.9	mg/kg	8.5	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 4-6	258722023	NWTPH-Dx	Solid	Motor Oil Range SG	38.9 J	mg/kg	34.2	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 4-6	258722023	NWTPH-Gx	Solid	Gasoline Range Organics	23.1	mg/kg	0.18	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 6-8	258722024	EPA 6010	Solid	Cadmium	<0.087	mg/kg	0.087	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_55 6-8	258722024	EPA 8260	Solid	1,2,4-Trimethylbenzene	10.3	ug/kg	0.81	B	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	Acetone	8.5 J	ug/kg	1.7	UB	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	Benzene	0.87 J	ug/kg	0.23	B	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	Methylene chloride	5.6 J	ug/kg	4.1	UB	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	Toluene	1.2 J	ug/kg	0.48	UB	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	Xylene (Total)	5.0 J	ug/kg	1.2	UB	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	m&p-Xylene	2.9 J	ug/kg	1.2	UB	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	n-Butylbenzene	2.3 J	ug/kg	0.71	UB	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	n-Propylbenzene	0.85 J	ug/kg	0.55	UB	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	o-Xylene	2.1 J	ug/kg	0.51	B	Method Blank Contamination
SUP_SL_55 6-8	258722024	EPA 8260	Solid	p-Isopropyltoluene	2.2 J	ug/kg	0.60	UB	Method Blank Contamination
SUP_SL_55 6-8	258722024	NWTPH-Dx	Solid	Diesel Range SG	<12.2	mg/kg	12.2	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 6-8	258722024	NWTPH-Dx	Solid	Motor Oil Range SG	<49.0	mg/kg	49.0	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 6-8	258722024	NWTPH-Gx	Solid	Gasoline Range Organics	2.8 J	mg/kg	0.42	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 8-10	258722025	EPA 6010	Solid	Cadmium	<0.29	mg/kg	0.29	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_55 8-10	258722025	EPA 8260	Solid	1,2,4-Trimethylbenzene	0.84 J	ug/kg	0.68	UB	Method Blank Contamination
SUP_SL_55 8-10	258722025	EPA 8260	Solid	Acetone	59.0	ug/kg	1.4	J	Laboratory Noted Qualifier
SUP_SL_55 8-10	258722025	EPA 8260	Solid	Benzene	0.65 J	ug/kg	0.20	UB	Method Blank Contamination
SUP_SL_55 8-10	258722025	EPA 8260	Solid	Toluene	1.2 J	ug/kg	0.41	UB	Method Blank Contamination
SUP_SL_55 8-10	258722025	EPA 8260	Solid	Xylene (Total)	2.3 J	ug/kg	0.99	UB	Method Blank Contamination
SUP_SL_55 8-10	258722025	EPA 8260	Solid	m&p-Xylene	1.9 J	ug/kg	0.99	UB	Method Blank Contamination
SUP_SL_55 8-10	258722025	EPA 8260	Solid	o-Xylene	0.44 J	ug/kg	0.43	UB	Method Blank Contamination
SUP_SL_55 8-10	258722025	NWTPH-Dx	Solid	Diesel Range SG	12.0 J	mg/kg	10.9	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 8-10	258722025	NWTPH-Dx	Solid	Motor Oil Range SG	<43.5	mg/kg	43.5	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 8-10	258722025	NWTPH-Gx	Solid	Gasoline Range Organics	3.3 J	mg/kg	0.30	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55 10-12	258722026	EPA 6010	Solid	Cadmium	<0.093	mg/kg	0.093	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_55 10-12	258722026	EPA 8260	Solid	1,2,4-Trimethylbenzene	0.95 J	ug/kg	0.84	UB	Method Blank Contamination
SUP_SL_55 10-12	258722026	EPA 8260	Solid	Acetone	24.4	ug/kg	1.8	UB	Trip Blank Contamination

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_55_10-12	258722026	EPA 8260	Solid	Benzene	0.94 J	ug/kg	0.24	UB	Method Blank Contamination
SUP_SL_55_10-12	258722026	EPA 8260	Solid	Carbon disulfide	2.6 J	ug/kg	0.45	UB	Trip Blank Contamination
SUP_SL_55_10-12	258722026	EPA 8260	Solid	Toluene	1.0 J	ug/kg	0.50	UB	Method Blank Contamination
SUP_SL_55_10-12	258722026	EPA 8260	Solid	Xylene (Total)	2.8 J	ug/kg	1.2	UB	Method Blank Contamination
SUP_SL_55_10-12	258722026	EPA 8260	Solid	m&p-Xylene	2.2 J	ug/kg	1.2	UB	Method Blank Contamination
SUP_SL_55_10-12	258722026	EPA 8260	Solid	o-Xylene	0.55 J	ug/kg	0.53	UB	Method Blank Contamination
SUP_SL_55_10-12	258722026	NWTPH-Dx	Solid	Diesel Range SG	<14.5	mg/kg	14.5	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55_10-12	258722026	NWTPH-Dx	Solid	Motor Oil Range SG	<57.9	mg/kg	57.9	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55_10-12	258722026	NWTPH-Gx	Solid	Gasoline Range Organics	2.1 J	mg/kg	0.56	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55_12-14	258722027	EPA 6010	Solid	Cadmium	<0.055	mg/kg	0.055	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_55_12-14	258722027	EPA 8260	Solid	1,2,4-Trimethylbenzene	0.96 J	ug/kg	0.73	UB	Method Blank Contamination
SUP_SL_55_12-14	258722027	EPA 8260	Solid	Acetone	28.8	ug/kg	1.5	UB	Trip Blank Contamination
SUP_SL_55_12-14	258722027	EPA 8260	Solid	Benzene	0.72 J	ug/kg	0.21	UB	Method Blank Contamination
SUP_SL_55_12-14	258722027	EPA 8260	Solid	Carbon disulfide	5.7	ug/kg	0.39	B	Trip Blank Contamination
SUP_SL_55_12-14	258722027	EPA 8260	Solid	Toluene	0.92 J	ug/kg	0.43	UB	Method Blank Contamination
SUP_SL_55_12-14	258722027	EPA 8260	Solid	Xylene (Total)	2.5 J	ug/kg	1.1	UB	Method Blank Contamination
SUP_SL_55_12-14	258722027	EPA 8260	Solid	m&p-Xylene	1.9 J	ug/kg	1.1	UB	Method Blank Contamination
SUP_SL_55_12-14	258722027	EPA 8260	Solid	o-Xylene	0.55 J	ug/kg	0.46	UB	Method Blank Contamination
SUP_SL_55_12-14	258722027	NWTPH-Dx	Solid	Diesel Range SG	<10.4	mg/kg	10.4	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55_12-14	258722027	NWTPH-Dx	Solid	Motor Oil Range SG	<41.4	mg/kg	41.4	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55_12-14	258722027	NWTPH-Gx	Solid	Gasoline Range Organics	0.95 J	mg/kg	0.33	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55_14-16	258722028	EPA 6010	Solid	Cadmium	<0.012	mg/kg	0.012	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_55_14-16	258722028	EPA 8260	Solid	1,2,4-Trimethylbenzene	0.59 J	ug/kg	0.52	UB	Method Blank Contamination
SUP_SL_55_14-16	258722028	EPA 8260	Solid	Acetone	9.0 J	ug/kg	1.1	UB	Trip Blank Contamination
SUP_SL_55_14-16	258722028	EPA 8260	Solid	Benzene	0.49 J	ug/kg	0.15	UB	Method Blank Contamination
SUP_SL_55_14-16	258722028	EPA 8260	Solid	Carbon disulfide	0.44 J	ug/kg	0.28	UB	Trip Blank Contamination
SUP_SL_55_14-16	258722028	EPA 8260	Solid	Toluene	0.51 J	ug/kg	0.31	UB	Method Blank Contamination
SUP_SL_55_14-16	258722028	EPA 8260	Solid	Xylene (Total)	1.5 J	ug/kg	0.75	UB	Method Blank Contamination
SUP_SL_55_14-16	258722028	EPA 8260	Solid	m&p-Xylene	1.2 J	ug/kg	0.75	UB	Method Blank Contamination
SUP_SL_55_14-16	258722028	NWTPH-Dx	Solid	Diesel Range SG	<10.0	mg/kg	10	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55_14-16	258722028	NWTPH-Dx	Solid	Motor Oil Range SG	<40.0	mg/kg	40.0	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_55_14-16	258722028	NWTPH-Gx	Solid	Gasoline Range Organics	0.73 J	mg/kg	0.29	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_0-1	258722030	EPA 6010	Solid	Cadmium	<0.055	mg/kg	0.055	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_57_0-1	258722030	EPA 8260	Solid	1,2,4-Trimethylbenzene	0.64 J	ug/kg	0.49	UB	Method Blank Contamination
SUP_SL_57_0-1	258722030	EPA 8260	Solid	1,3,5-Trimethylbenzene	0.50 J	ug/kg	0.30	UB	Method Blank Contamination
SUP_SL_57_0-1	258722030	EPA 8260	Solid	Acetone	10.7	ug/kg	1.0	UB	Trip Blank Contamination
SUP_SL_57_0-1	258722030	EPA 8260	Solid	Benzene	0.92 J	ug/kg	0.14	UB	Method Blank Contamination
SUP_SL_57_0-1	258722030	EPA 8260	Solid	Toluene	1.2 J	ug/kg	0.29	UB	Method Blank Contamination
SUP_SL_57_0-1	258722030	EPA 8260	Solid	Xylene (Total)	1.8 J	ug/kg	0.70	UB	Method Blank Contamination
SUP_SL_57_0-1	258722030	EPA 8260	Solid	m&p-Xylene	1.3 J	ug/kg	0.70	UB	Method Blank Contamination
SUP_SL_57_0-1	258722030	EPA 8260	Solid	o-Xylene	0.48 J	ug/kg	0.31	UB	Method Blank Contamination
SUP_SL_57_0-1	258722030	NWTPH-Dx	Solid	Diesel Range SG	30.3	mg/kg	8.1	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_0-1	258722030	NWTPH-Dx	Solid	Motor Oil Range SG	227	mg/kg	32.5	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_0-1	258722030	NWTPH-Gx	Solid	Gasoline Range Organics	0.57 J	mg/kg	0.19	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_1-2	258722031	EPA 6010	Solid	Cadmium	<0.012	mg/kg	0.012	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_57_1-2	258722031	EPA 8260	Solid	1,2,4-Trimethylbenzene	1.1 J	ug/kg	0.76	UB	Method Blank Contamination
SUP_SL_57_1-2	258722031	EPA 8260	Solid	1,3,5-Trimethylbenzene	1.4 J	ug/kg	0.47	UB	Method Blank Contamination
SUP_SL_57_1-2	258722031	EPA 8260	Solid	Acetone	47.6	ug/kg	1.6	B	Trip Blank Contamination
SUP_SL_57_1-2	258722031	EPA 8260	Solid	Benzene	1.2 J	ug/kg	0.22	UB	Method Blank Contamination
SUP_SL_57_1-2	258722031	EPA 8260	Solid	Toluene	0.75 J	ug/kg	0.45	UB	Method Blank Contamination
SUP_SL_57_1-2	258722031	EPA 8260	Solid	Xylene (Total)	2.5 J	ug/kg	1.1	UB	Method Blank Contamination
SUP_SL_57_1-2	258722031	EPA 8260	Solid	m&p-Xylene	1.9 J	ug/kg	1.1	UB	Method Blank Contamination
SUP_SL_57_1-2	258722031	EPA 8260	Solid	o-Xylene	0.53 J	ug/kg	0.48	UB	Method Blank Contamination
SUP_SL_57_1-2	258722031	NWTPH-Dx	Solid	Diesel Range SG	36.7	mg/kg	8.8	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_1-2	258722031	NWTPH-Dx	Solid	Motor Oil Range SG	86.2	mg/kg	35.1	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_1-2	258722031	NWTPH-Gx	Solid	Gasoline Range Organics	1.5 J	mg/kg	0.23	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_2-4	258722032	EPA 6010	Solid	Cadmium	0.80 J	mg/kg	0.056	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_57_2-4	258722032	EPA 8260	Solid	Acetone	32.4	ug/kg	1.0	B	Trip Blank Contamination
SUP_SL_57_2-4	258722032	EPA 8260	Solid	Benzene	0.77 J	ug/kg	0.14	UB	Trip Blank Contamination
SUP_SL_57_2-4	258722032	EPA 8260	Solid	Methylene chloride	11.3	ug/kg	2.4	UB	Method Blank Contamination

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_57_2-4	258722032	EPA 8260	Solid	Toluene	0.34 J	ug/kg	0.29	UB	Trip Blank Contamination
SUP_SL_57_2-4	258722032	EPA 8260	Solid	Xylene (Total)	0.81 J	ug/kg	0.69	UB	Trip Blank Contamination
SUP_SL_57_2-4	258722032	NWTPH-Dx	Solid	Diesel Range SG	22.2	mg/kg	9.2	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_2-4	258722032	NWTPH-Dx	Solid	Motor Oil Range SG	60.5 J	mg/kg	36.7	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_2-4	258722032	NWTPH-Gx	Solid	Gasoline Range Organics	1.4 J	mg/kg	0.28	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_4-6	258722033	EPA 6010	Solid	Cadmium	<0.047	mg/kg	0.047	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_57_4-6	258722033	EPA 8260	Solid	1,2,4-Trimethylbenzene	11.9	ug/kg	0.53	B	Method Blank Contamination
SUP_SL_57_4-6	258722033	EPA 8260	Solid	1,3,5-Trimethylbenzene	4.9	ug/kg	0.33	B	Method Blank Contamination
SUP_SL_57_4-6	258722033	EPA 8260	Solid	Acetone	54.2	ug/kg	1.1	B	Trip Blank Contamination
SUP_SL_57_4-6	258722033	EPA 8260	Solid	Benzene	0.87 J	ug/kg	0.15	UB	Method Blank Contamination
SUP_SL_57_4-6	258722033	EPA 8260	Solid	Ethylbenzene	1.7 J	ug/kg	0.39	UB	Method Blank Contamination
SUP_SL_57_4-6	258722033	EPA 8260	Solid	Toluene	3.3	ug/kg	0.32	UB	Method Blank Contamination
SUP_SL_57_4-6	258722033	EPA 8260	Solid	Xylene (Total)	11.7	ug/kg	0.77	UB	Method Blank Contamination
SUP_SL_57_4-6	258722033	EPA 8260	Solid	m&p-Xylene	7.5	ug/kg	0.77	UB	Method Blank Contamination
SUP_SL_57_4-6	258722033	EPA 8260	Solid	n-Butylbenzene	1.3 J	ug/kg	0.47	UB	Method Blank Contamination
SUP_SL_57_4-6	258722033	EPA 8260	Solid	n-Propylbenzene	1.4 J	ug/kg	0.36	UB	Method Blank Contamination
SUP_SL_57_4-6	258722033	NWTPH-Dx	Solid	Diesel Range SG	29.7	mg/kg	8.1	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_4-6	258722033	NWTPH-Dx	Solid	Motor Oil Range SG	382	mg/kg	32.4	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_4-6	258722033	NWTPH-Gx	Solid	Gasoline Range Organics	2.3 J	mg/kg	0.20	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_6-8	258722034	EPA 6010	Solid	Cadmium	<0.047	mg/kg	0.047	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_57_6-8	258722034	EPA 8260	Solid	Acetone	19.5	ug/kg	1.1	B	Trip Blank Contamination
SUP_SL_57_6-8	258722034	EPA 8260	Solid	Benzene	0.53 J	ug/kg	0.15	UB	Trip Blank Contamination
SUP_SL_57_6-8	258722034	EPA 8260	Solid	Methylene chloride	2.8 J	ug/kg	2.6	UB	Method Blank Contamination
SUP_SL_57_6-8	258722034	EPA 8260	Solid	Toluene	0.57 J	ug/kg	0.30	UB	Trip Blank Contamination
SUP_SL_57_6-8	258722034	EPA 8260	Solid	Xylene (Total)	1.3 J	ug/kg	0.74	UB	Method Blank Contamination
SUP_SL_57_6-8	258722034	EPA 8260	Solid	m&p-Xylene	0.98 J	ug/kg	0.74	UB	Method Blank Contamination
SUP_SL_57_6-8	258722034	NWTPH-Dx	Solid	Diesel Range SG	12.8 J	mg/kg	8.2	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_6-8	258722034	NWTPH-Dx	Solid	Motor Oil Range SG	49.4 J	mg/kg	32.8	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_6-8	258722034	NWTPH-Gx	Solid	Gasoline Range Organics	1.9 J	mg/kg	0.21	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_8-10	258722035	EPA 6010	Solid	Cadmium	<0.046	mg/kg	0.046	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_57_8-10	258722035	EPA 8260	Solid	Acetone	30.7	ug/kg	0.90	B	Trip Blank Contamination
SUP_SL_57_8-10	258722035	EPA 8260	Solid	Benzene	0.56 J	ug/kg	0.12	UB	Trip Blank Contamination
SUP_SL_57_8-10	258722035	EPA 8260	Solid	Methylene chloride	2.3 J	ug/kg	2.2	UB	Method Blank Contamination
SUP_SL_57_8-10	258722035	EPA 8260	Solid	Toluene	1.4 J	ug/kg	0.25	UB	Trip Blank Contamination
SUP_SL_57_8-10	258722035	EPA 8260	Solid	Xylene (Total)	5.2 J	ug/kg	0.62	UB	Method Blank Contamination
SUP_SL_57_8-10	258722035	EPA 8260	Solid	m&p-Xylene	3.3 J	ug/kg	0.62	UB	Method Blank Contamination
SUP_SL_57_8-10	258722035	NWTPH-Dx	Solid	Diesel Range SG	12.7 J	mg/kg	9.4	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_8-10	258722035	NWTPH-Dx	Solid	Motor Oil Range SG	117	mg/kg	37.5	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_8-10	258722035	NWTPH-Gx	Solid	Gasoline Range Organics	2.7 J	mg/kg	0.23	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_10-12	258722036	EPA 6010	Solid	Cadmium	<0.053	mg/kg	0.053	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_57_10-12	258722036	EPA 8260	Solid	Acetone	11.3	ug/kg	1.0	UB	Trip Blank Contamination
SUP_SL_57_10-12	258722036	EPA 8260	Solid	Benzene	0.28 J	ug/kg	0.14	UB	Trip Blank Contamination
SUP_SL_57_10-12	258722036	EPA 8260	Solid	Methylene chloride	2.7 J	ug/kg	2.4	UB	Method Blank Contamination
SUP_SL_57_10-12	258722036	EPA 8260	Solid	Toluene	0.39 J	ug/kg	0.28	UB	Trip Blank Contamination
SUP_SL_57_10-12	258722036	EPA 8260	Solid	Xylene (Total)	1.1 J	ug/kg	0.68	UB	Method Blank Contamination
SUP_SL_57_10-12	258722036	EPA 8260	Solid	m&p-Xylene	0.80 J	ug/kg	0.68	UB	Method Blank Contamination
SUP_SL_57_10-12	258722036	NWTPH-Dx	Solid	Diesel Range SG	17.1 J	mg/kg	9.2	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_10-12	258722036	NWTPH-Dx	Solid	Motor Oil Range SG	52.7 J	mg/kg	36.8	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_10-12	258722036	NWTPH-Gx	Solid	Gasoline Range Organics	0.61 J	mg/kg	0.18	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_12-14	258722037	EPA 6010	Solid	Cadmium	<0.048	mg/kg	0.048	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_57_12-14	258722037	EPA 8260	Solid	Acetone	24.7	ug/kg	0.64	B	Trip Blank Contamination
SUP_SL_57_12-14	258722037	EPA 8260	Solid	Benzene	0.25 J	ug/kg	0.087	UB	Trip Blank Contamination
SUP_SL_57_12-14	258722037	EPA 8260	Solid	Toluene	0.25 J	ug/kg	0.18	UB	Trip Blank Contamination
SUP_SL_57_12-14	258722037	EPA 8260	Solid	Xylene (Total)	0.66 J	ug/kg	0.44	UB	Method Blank Contamination
SUP_SL_57_12-14	258722037	EPA 8260	Solid	m&p-Xylene	0.48 J	ug/kg	0.44	UB	Method Blank Contamination
SUP_SL_57_12-14	258722037	NWTPH-Dx	Solid	Diesel Range SG	15.6 J	mg/kg	9.9	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_12-14	258722037	NWTPH-Dx	Solid	Motor Oil Range SG	52.6 J	mg/kg	39.7	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_12-14	258722037	NWTPH-Gx	Solid	Gasoline Range Organics	0.92 J	mg/kg	0.26	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_14-16	258722038	EPA 6010	Solid	Cadmium	<0.055	mg/kg	0.055	UR	MS/MSD Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_57_14-16	258722038	EPA 8260	Solid	Acetone	9.2 J	ug/kg	1.1	UB	Trip Blank Contamination
SUP_SL_57_14-16	258722038	EPA 8260	Solid	Benzene	0.42 J	ug/kg	0.15	UB	Trip Blank Contamination
SUP_SL_57_14-16	258722038	EPA 8260	Solid	Methylene chloride	2.8 J	ug/kg	2.6	UB	Method Blank Contamination
SUP_SL_57_14-16	258722038	EPA 8260	Solid	Toluene	0.64 J	ug/kg	0.30	UB	Trip Blank Contamination
SUP_SL_57_14-16	258722038	EPA 8260	Solid	Xylene (Total)	2.0 J	ug/kg	0.73	UB	Method Blank Contamination
SUP_SL_57_14-16	258722038	EPA 8260	Solid	m&p-Xylene	1.4 J	ug/kg	0.73	UB	Method Blank Contamination
SUP_SL_57_14-16	258722038	NWTPH-Dx	Solid	Diesel Range SG	22.8	mg/kg	9.5	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_14-16	258722038	NWTPH-Dx	Solid	Motor Oil Range SG	42.2 J	mg/kg	37.9	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_57_14-16	258722038	NWTPH-Gx	Solid	Gasoline Range Organics	1.0 J	mg/kg	0.30	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_58_0-1	258722039	EPA 6010	Solid	Cadmium	<0.044	mg/kg	0.044	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_58_0-1	258722039	EPA 8260	Solid	Acetone	5.3 J	ug/kg	1.1	UB	Trip Blank Contamination
SUP_SL_58_0-1	258722039	EPA 8260	Solid	Benzene	0.23 J	ug/kg	0.15	UB	Trip Blank Contamination
SUP_SL_58_0-1	258722039	EPA 8260	Solid	Methylene chloride	3.2 J	ug/kg	2.6	UB	Method Blank Contamination
SUP_SL_58_0-1	258722039	EPA 8260	Solid	Toluene	0.40 J	ug/kg	0.31	UB	Trip Blank Contamination
SUP_SL_58_0-1	258722039	EPA 8260	Solid	Xylene (Total)	0.85 J	ug/kg	0.75	UB	Method Blank Contamination
SUP_SL_58_0-1	258722039	NWTPH-Dx	Solid	Diesel Range SG	16.6 J	mg/kg	8.5	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_58_0-1	258722039	NWTPH-Dx	Solid	Motor Oil Range SG	41.5 J	mg/kg	34.2	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_58_0-1	258722039	NWTPH-Gx	Solid	Gasoline Range Organics	0.94 J	mg/kg	0.23	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_58_1-2	258722040	EPA 6010	Solid	Cadmium	<0.011	mg/kg	0.011	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_58_1-2	258722040	EPA 8260	Solid	Acetone	46.0	ug/kg	1.3	B	Trip Blank Contamination
SUP_SL_58_1-2	258722040	EPA 8260	Solid	Benzene	0.30 J	ug/kg	0.17	UB	Trip Blank Contamination
SUP_SL_58_1-2	258722040	EPA 8260	Solid	Methylene chloride	3.6 J	ug/kg	3.0	UB	Method Blank Contamination
SUP_SL_58_1-2	258722040	EPA 8260	Solid	Toluene	0.43 J	ug/kg	0.36	UB	Trip Blank Contamination
SUP_SL_58_1-2	258722040	EPA 8260	Solid	Xylene (Total)	1.1 J	ug/kg	0.86	UB	Method Blank Contamination
SUP_SL_58_1-2	258722040	NWTPH-Gx	Solid	Gasoline Range Organics	0.51 J	mg/kg	0.24	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_58_2-4	258722041	EPA 6010	Solid	Cadmium	<0.011	mg/kg	0.011	UR	MS/MSD Recoveries Exceed Control Limits
SUP_SL_58_2-4	258722041	EPA 8260	Solid	Acetone	5.6 J	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_58_2-4	258722041	EPA 8260	Solid	Benzene	0.34 J	ug/kg	0.16	UB	Trip Blank Contamination
SUP_SL_58_2-4	258722041	EPA 8260	Solid	Methylene chloride	3.3 J	ug/kg	2.9	UB	Method Blank Contamination
SUP_SL_58_2-4	258722041	EPA 8260	Solid	Toluene	0.50 J	ug/kg	0.33	UB	Trip Blank Contamination
SUP_SL_58_2-4	258722041	EPA 8260	Solid	Xylene (Total)	1.1 J	ug/kg	0.81	UB	Method Blank Contamination
SUP_SL_58_2-4	258722041	EPA 8260	Solid	m&p-Xylene	0.86 J	ug/kg	0.81	UB	Method Blank Contamination
SUP_SL_58_2-4	258722041	NWTPH-Gx	Solid	Gasoline Range Organics	0.82 J	mg/kg	0.25	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_58_4-6	258722042	EPA 8260	Solid	Acetone	13.7	ug/kg	1.1	UB	Trip Blank Contamination
SUP_SL_58_4-6	258722042	EPA 8260	Solid	Benzene	0.49 J	ug/kg	0.15	UB	Trip Blank Contamination
SUP_SL_58_4-6	258722042	EPA 8260	Solid	Methylene chloride	4.5 J	ug/kg	2.7	UB	Method Blank Contamination
SUP_SL_58_4-6	258722042	EPA 8260	Solid	Toluene	0.65 J	ug/kg	0.31	UB	Trip Blank Contamination
SUP_SL_58_4-6	258722042	EPA 8260	Solid	Xylene (Total)	0.91 J	ug/kg	0.76	UB	Method Blank Contamination
SUP_SL_58_4-6	258722042	NWTPH-Gx	Solid	Gasoline Range Organics	0.55 J	mg/kg	0.23	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_58_6-8	258722043	EPA 8260	Solid	Acetone	6.5 J	ug/kg	0.97	UB	Trip Blank Contamination
SUP_SL_58_6-8	258722043	EPA 8260	Solid	Benzene	0.24 J	ug/kg	0.13	UB	Trip Blank Contamination
SUP_SL_58_6-8	258722043	EPA 8260	Solid	Methylene chloride	3.9 J	ug/kg	2.3	UB	Method Blank Contamination
SUP_SL_58_6-8	258722043	EPA 8260	Solid	Toluene	0.28 J	ug/kg	0.27	UB	Trip Blank Contamination
SUP_SL_58_6-8	258722043	EPA 8260	Solid	Xylene (Total)	0.71 J	ug/kg	0.66	UB	Method Blank Contamination
SUP_SL_58_6-8	258722043	NWTPH-Gx	Solid	Gasoline Range Organics	0.53 J	mg/kg	0.22	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_58_14-16	258722044	EPA 6010	Solid	Cadmium	1.5 J	mg/kg	0.099	B	Method Blank Contamination
SUP_SL_58_14-16	258722044	EPA 8260	Solid	1,2,3-Trichlorobenzene	0.89 J	ug/kg	0.51	UB	Method Blank Contamination
SUP_SL_58_14-16	258722044	EPA 8260	Solid	Acetone	56.6	ug/kg	2.0	B	Trip Blank Contamination
SUP_SL_58_14-16	258722044	EPA 8260	Solid	Benzene	1.0 J	ug/kg	0.27	UB	Trip Blank Contamination
SUP_SL_58_14-16	258722044	EPA 8260	Solid	Toluene	0.94 J	ug/kg	0.56	UB	Trip Blank Contamination
SUP_SL_58_14-16	258722044	EPA 8260	Solid	Xylene (Total)	1.7 J	ug/kg	1.4	UB	Method Blank Contamination
SUP_SL_58_14-16	258722044	EPA 8260	Solid	m&p-Xylene	1.6 J	ug/kg	1.4	UB	Method Blank Contamination
SUP_SL_58_14-16	258722044	NWTPH-Gx	Solid	Gasoline Range Organics	3.1 J	mg/kg	0.71	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_59_0-1	258722046	EPA 8260	Solid	Acetone	17.7	ug/kg	0.94	UB	Trip Blank Contamination
SUP_SL_59_0-1	258722046	EPA 8260	Solid	Carbon disulfide	0.25 J	ug/kg	0.24	UB	Method Blank Contamination
SUP_SL_59_0-1	258722046	EPA 8260	Solid	Naphthalene	0.75 J	ug/kg	0.47	UB	Trip Blank Contamination
SUP_SL_59_0-1	258722046	EPA 8260	Solid	Toluene	0.33 J	ug/kg	0.26	UB	Trip Blank Contamination
SUP_SL_59_0-1	258722046	EPA 8260	Solid	Xylene (Total)	0.77 J	ug/kg	0.64	UB	Method Blank Contamination

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258722

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_59 0-1	258722046	NWTPH-Gx	Solid	Gasoline Range Organics	0.47 J	mg/kg	0.19	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_59 1-2	258722047	EPA 8260	Solid	Acetone	79.4	ug/kg	1.1	B	Trip Blank Contamination
SUP_SL_59 1-2	258722047	EPA 8260	Solid	Carbon disulfide	5.0	ug/kg	0.27	B	Trip Blank Contamination
SUP_SL_59 1-2	258722047	EPA 8260	Solid	Methylene chloride	7.0 J	ug/kg	2.6	UB	Method Blank Contamination
SUP_SL_59 1-2	258722047	EPA 8260	Solid	Naphthalene	5.6	ug/kg	0.53	B	Trip Blank Contamination
SUP_SL_59 1-2	258722047	NWTPH-Gx	Solid	Gasoline Range Organics	2.2 J	mg/kg	0.24	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_59 2-4	258722048	EPA 6010	Solid	Cadmium	0.15 J	mg/kg	0.054	B	Method Blank Contamination
SUP_SL_59 2-4	258722048	EPA 8260	Solid	Acetone	77.5	ug/kg	1.2	B	Trip Blank Contamination
SUP_SL_59 2-4	258722048	EPA 8260	Solid	Naphthalene	9.3	ug/kg	0.58	B	Trip Blank Contamination
SUP_SL_59 2-4	258722048	NWTPH-Gx	Solid	Gasoline Range Organics	2.3 J	mg/kg	0.28	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_59 6-8	258722049	EPA 6010	Solid	Cadmium	0.20 J	mg/kg	0.048	B	Method Blank Contamination
SUP_SL_59 6-8	258722049	EPA 8260	Solid	Acetone	3.1 J	ug/kg	1.3	UB	Trip Blank Contamination
SUP_SL_59 6-8	258722049	EPA 8260	Solid	Methylene chloride	5.3 J	ug/kg	3.1	UB	Method Blank Contamination
SUP_SL_59 6-8	258722049	NWTPH-Gx	Solid	Gasoline Range Organics	1.2 J	mg/kg	0.25	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_59 10-12	258722050	EPA 8260	Solid	Acetone	54.8	ug/kg	1.1	B	Trip Blank Contamination
SUP_SL_59 10-12	258722050	EPA 8260	Solid	Carbon disulfide	19.1	ug/kg	0.27	B	Method Blank Contamination
SUP_SL_59 10-12	258722050	EPA 8260	Solid	Naphthalene	2.1 J	ug/kg	0.53	UB	Trip Blank Contamination
SUP_SL_59 10-12	258722050	EPA 8260	Solid	Toluene	0.61 J	ug/kg	0.30	B	Trip Blank Contamination
SUP_SL_59 10-12	258722050	EPA 8260	Solid	Xylene (Total)	1.2 J	ug/kg	0.72	UB	Method Blank Contamination
SUP_SL_59 10-12	258722050	NWTPH-Gx	Solid	Gasoline Range Organics	1.9 J	mg/kg	0.27	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_59 14-16	258722051	EPA 8260	Solid	Acetone	20.7	ug/kg	1.4	UB	Trip Blank Contamination
SUP_SL_59 14-16	258722051	EPA 8260	Solid	Carbon disulfide	2.1 J	ug/kg	0.36	B	Trip Blank Contamination
SUP_SL_59 14-16	258722051	EPA 8260	Solid	Methylene chloride	9.5 J	ug/kg	3.4	UB	Method Blank Contamination
SUP_SL_59 14-16	258722051	NWTPH-Gx	Solid	Gasoline Range Organics	1.4 J	mg/kg	0.45	UB	Trip Blank Contamination

April 19, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258722

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/15/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 19, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258722

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258722001	SUP_SL_51 0-1	Solid	08/03/11 10:20	08/03/11 16:00
258722002	SUP_SL_51 1-2	Solid	08/03/11 10:25	08/03/11 16:00
258722003	SUP_SL_51 2-4	Solid	08/03/11 10:30	08/03/11 16:00
258722004	SUP_SL_51 4-6	Solid	08/03/11 10:35	08/03/11 16:00
258722005	SUP_SL_51 6-8	Solid	08/03/11 10:40	08/03/11 16:00
258722006	SUP_SL_51 8-10	Solid	08/03/11 10:45	08/03/11 16:00
258722007	SUP_SL_51 10-12	Solid	08/03/11 10:50	08/03/11 16:00
258722008	SUP_SL_51 12-14	Solid	08/03/11 10:55	08/03/11 16:00
258722009	SUP_SL_51 14-16	Solid	08/03/11 11:00	08/03/11 16:00
258722010	Trip Blank #11	Solid	08/03/11 11:30	08/03/11 16:00
258722011	SUP_SL_53 0-1	Solid	08/03/11 08:53	08/03/11 16:00
258722012	SUP_SL_53 1-2	Solid	08/03/11 08:57	08/03/11 16:00
258722013	SUP_SL_53 2-4	Solid	08/03/11 09:00	08/03/11 16:00
258722014	SUP_SL_53 4-6	Solid	08/03/11 09:02	08/03/11 16:00
258722015	SUP_SL_53 6-8	Solid	08/03/11 09:05	08/03/11 16:00
258722016	SUP_SL_53 8-10	Solid	08/03/11 09:10	08/03/11 16:00
258722017	SUP_SL_53 10-12	Solid	08/03/11 09:15	08/03/11 16:00
258722018	SUP_SL_53 12-14	Solid	08/03/11 09:20	08/03/11 16:00
258722019	SUP_SL_53 14-16	Solid	08/03/11 09:22	08/03/11 16:00
258722020	SUP_SL_55 0-1	Solid	08/03/11 09:30	08/03/11 16:00
258722021	SUP_SL_55 1-2	Solid	08/03/11 09:32	08/03/11 16:00
258722022	SUP_SL_55 2-4	Solid	08/03/11 09:35	08/03/11 16:00
258722023	SUP_SL_55 4-6	Solid	08/03/11 09:38	08/03/11 16:00
258722024	SUP_SL_55 6-8	Solid	08/03/11 09:40	08/03/11 16:00
258722025	SUP_SL_55 8-10	Solid	08/03/11 09:42	08/03/11 16:00
258722026	SUP_SL_55 10-12	Solid	08/03/11 09:45	08/03/11 16:00
258722027	SUP_SL_55 12-14	Solid	08/03/11 09:50	08/03/11 16:00
258722028	SUP_SL_55 14-16	Solid	08/03/11 09:52	08/03/11 16:00
258722029	Trip Blank #6	Solid	08/03/11 09:55	08/03/11 16:00
258722030	SUP_SL_57 0-1	Solid	08/03/11 11:24	08/03/11 16:00
258722031	SUP_SL_57 1-2	Solid	08/03/11 11:27	08/03/11 16:00
258722032	SUP_SL_57 2-4	Solid	08/03/11 11:31	08/03/11 16:00
258722033	SUP_SL_57 4-6	Solid	08/03/11 11:33	08/03/11 16:00
258722034	SUP_SL_57 6-8	Solid	08/03/11 11:36	08/03/11 16:00
258722035	SUP_SL_57 8-10	Solid	08/03/11 11:40	08/03/11 16:00
258722036	SUP_SL_57 10-12	Solid	08/03/11 11:42	08/03/11 16:00
258722037	SUP_SL_57 12-14	Solid	08/03/11 11:44	08/03/11 16:00

REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 258722

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258722038	SUP_SL_57 14-16	Solid	08/03/11 11:50	08/03/11 16:00
258722039	SUP_SL_58 0-1	Solid	08/03/11 13:00	08/03/11 16:00
258722040	SUP_SL_58 1-2	Solid	08/03/11 13:05	08/03/11 16:00
258722041	SUP_SL_58 2-4	Solid	08/03/11 13:10	08/03/11 16:00
258722042	SUP_SL_58 4-6	Solid	08/03/11 13:15	08/03/11 16:00
258722043	SUP_SL_58 6-8	Solid	08/03/11 13:20	08/03/11 16:00
258722044	SUP_SL_58 14-16	Solid	08/03/11 13:40	08/03/11 16:00
258722045	Trip Blank #12	Solid	08/03/11 00:00	08/03/11 16:00
258722046	SUP_SL_59 0-1	Solid	08/03/11 13:45	08/03/11 16:00
258722047	SUP_SL_59 1-2	Solid	08/03/11 13:48	08/03/11 16:00
258722048	SUP_SL_59 2-4	Solid	08/03/11 13:52	08/03/11 16:00
258722049	SUP_SL_59 6-8	Solid	08/03/11 13:58	08/03/11 16:00
258722050	SUP_SL_59 10-12	Solid	08/03/11 14:04	08/03/11 16:00
258722051	SUP_SL_59 14-16	Solid	08/03/11 14:12	08/03/11 16:00
258722052	Trip Blank #13	Solid	08/03/11 14:15	08/03/11 16:00

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258722001	SUP_SL_51 0-1	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722002	SUP_SL_51 1-2	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722003	SUP_SL_51 2-4	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722004	SUP_SL_51 4-6	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722005	SUP_SL_51 6-8	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722006	SUP_SL_51 8-10	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722007	SUP_SL_51 10-12	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722008	SUP_SL_51 12-14	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258722009	SUP_SL_51 14-16	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
258722010	Trip Blank #11	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Gx	CC	3	PASI-S
258722011	SUP_SL_53 0-1	EPA 8260	LPM	73	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722012	SUP_SL_53 1-2	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LNH	5	PASI-S
		EPA 8260	LPM	72	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722013	SUP_SL_53 2-4	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
258722014	SUP_SL_53 4-6	NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
258722015	SUP_SL_53 6-8	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
258722016	SUP_SL_53 8-10	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258722017	SUP_SL_53 10-12	NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
258722018	SUP_SL_53 12-14	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722019	SUP_SL_53 14-16	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
258722020	SUP_SL_55 0-1	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LNH	6	PASI-S
258722021	SUP_SL_55 1-2	EPA 8260	LPM	71	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722022	SUP_SL_55 2-4	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
258722023	SUP_SL_55 4-6	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258722024	SUP_SL_55 6-8	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
258722025	SUP_SL_55 8-10	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722026	SUP_SL_55 10-12	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722027	SUP_SL_55 12-14	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
258722028	SUP_SL_55 14-16	NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
258722029	Trip Blank #6	EPA 8260	LPM	73	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722030	SUP_SL_57 0-1	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
258722031	SUP_SL_57 1-2	NWTPH-Gx	CC	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258722032	SUP_SL_57 2-4	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
258722033	SUP_SL_57 4-6	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722034	SUP_SL_57 6-8	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258722035	SUP_SL_57 8-10	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
258722036	SUP_SL_57 10-12	NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
258722037	SUP_SL_57 12-14	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
258722038	SUP_SL_57 14-16	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258722039	SUP_SL_58 0-1	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722040	SUP_SL_58 1-2	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722041	SUP_SL_58 2-4	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722042	SUP_SL_58 4-6	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722043	SUP_SL_58 6-8	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722044	SUP_SL_58 14-16	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722045	Trip Blank #12	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Gx	CC	3	PASI-S
258722046	SUP_SL_59 0-1	EPA 8260	LPM	73	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258722047	SUP_SL_59 1-2	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722048	SUP_SL_59 2-4	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722049	SUP_SL_59 6-8	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722050	SUP_SL_59 10-12	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722051	SUP_SL_59 14-16	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258722052	Trip Blank #13	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 8260	LPM	73	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 0-1 **Lab ID:** 258722001 Collected: 08/03/11 10:20 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	17.0	8.5	1	08/08/11 12:05	08/08/11 22:18		
Motor Oil Range SG	52.2J	mg/kg	68.1	34.0	1	08/08/11 12:05	08/08/11 22:18	64742-65-0	
Surrogates									
n-Octacosane (S) SG	93 %		50-150		1	08/08/11 12:05	08/08/11 22:18	630-02-4	
o-Terphenyl (S) SG	92 %		50-150		1	08/08/11 12:05	08/08/11 22:18	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.62J	mg/kg	5.3	0.21	1	08/04/11 11:46	08/05/11 02:22		
Surrogates									
a,a,a-Trifluorotoluene (S)	107 %		50-150		1	08/04/11 11:46	08/05/11 02:22	98-08-8	
4-Bromofluorobenzene (S)	86 %		50-150		1	08/04/11 11:46	08/05/11 02:22	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	6.0J	mg/kg	9.7	1.4	5	08/14/11 16:30	08/16/11 20:27	7440-38-2	
Cadmium	ND	mg/kg	4.9	0.053	5	08/14/11 16:30	08/16/11 20:27	7440-43-9	
Lead	3.4	mg/kg	0.97	0.061	1	08/14/11 16:30	08/16/11 21:51	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	0.13	1		08/07/11 16:19	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.7	0.16	1		08/07/11 16:19	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	0.25	1		08/07/11 16:19	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.7	0.25	1		08/07/11 16:19	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	0.36	1		08/07/11 16:19	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.7	0.21	1		08/07/11 16:19	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.7	0.33	1		08/07/11 16:19	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.7	0.31	1		08/07/11 16:19	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	0.25	1		08/07/11 16:19	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.7	0.30	1		08/07/11 16:19	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	0.22	1		08/07/11 16:19	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	0.46	1		08/07/11 16:19	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	0.35	1		08/07/11 16:19	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	0.19	1		08/07/11 16:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		08/07/11 16:19	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.7	0.20	1		08/07/11 16:19	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.3	0.33	1		08/07/11 16:19	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.7	0.16	1		08/07/11 16:19	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	0.28	1		08/07/11 16:19	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.7	0.17	1		08/07/11 16:19	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.7	0.25	1		08/07/11 16:19	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.7	0.21	1		08/07/11 16:19	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.7	0.17	1		08/07/11 16:19	594-20-7	
2-Butanone (MEK)	ND	ug/kg	8.9	1.3	1		08/07/11 16:19	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.7	0.28	1		08/07/11 16:19	95-49-8	
2-Hexanone	ND	ug/kg	8.9	0.32	1		08/07/11 16:19	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.7	0.24	1		08/07/11 16:19	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 0-1 Lab ID: 258722001 Collected: 08/03/11 10:20 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.9	0.27	1		08/07/11 16:19	108-10-1	
Acetone	155	ug/kg	8.9	0.98	1		08/07/11 16:19	67-64-1	1n,B
Benzene	ND	ug/kg	2.7	0.13	1		08/07/11 16:19	71-43-2	
Bromobenzene	ND	ug/kg	2.7	0.21	1		08/07/11 16:19	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	0.20	1		08/07/11 16:19	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	0.10	1		08/07/11 16:19	75-27-4	
Bromoform	ND	ug/kg	2.7	0.21	1		08/07/11 16:19	75-25-2	
Bromomethane	ND	ug/kg	2.7	0.28	1		08/07/11 16:19	74-83-9	
Carbon disulfide	ND	ug/kg	2.7	0.25	1		08/07/11 16:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.7	0.16	1		08/07/11 16:19	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	0.16	1		08/07/11 16:19	108-90-7	
Chloroethane	ND	ug/kg	2.7	0.26	1		08/07/11 16:19	75-00-3	
Chloroform	ND	ug/kg	2.7	0.17	1		08/07/11 16:19	67-66-3	
Chloromethane	ND	ug/kg	2.7	0.18	1		08/07/11 16:19	74-87-3	
Dibromochloromethane	ND	ug/kg	2.7	0.089	1		08/07/11 16:19	124-48-1	
Dibromomethane	ND	ug/kg	2.7	0.19	1		08/07/11 16:19	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.7	0.37	1		08/07/11 16:19	75-71-8	
Ethylbenzene	ND	ug/kg	2.7	0.34	1		08/07/11 16:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.7	0.26	1		08/07/11 16:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	0.31	1		08/07/11 16:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.7	0.22	1		08/07/11 16:19	1634-04-4	
Methylene chloride	ND	ug/kg	8.9	2.3	1		08/07/11 16:19	75-09-2	
Naphthalene	ND	ug/kg	2.7	0.49	1		08/07/11 16:19	91-20-3	
Styrene	ND	ug/kg	2.7	0.26	1		08/07/11 16:19	100-42-5	
Tetrachloroethene	ND	ug/kg	2.7	0.34	1		08/07/11 16:19	127-18-4	
Toluene	ND	ug/kg	2.7	0.27	1		08/07/11 16:19	108-88-3	
Trichloroethene	ND	ug/kg	2.7	0.19	1		08/07/11 16:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.7	0.20	1		08/07/11 16:19	75-69-4	
Vinyl chloride	ND	ug/kg	2.7	0.25	1		08/07/11 16:19	75-01-4	
Xylene (Total)	ND	ug/kg	8.0	0.67	1		08/07/11 16:19	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	0.19	1		08/07/11 16:19	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	0.12	1		08/07/11 16:19	10061-01-5	
m&p-Xylene	ND	ug/kg	5.3	0.67	1		08/07/11 16:19	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.7	0.41	1		08/07/11 16:19	104-51-8	
n-Propylbenzene	ND	ug/kg	2.7	0.31	1		08/07/11 16:19	103-65-1	
o-Xylene	ND	ug/kg	2.7	0.29	1		08/07/11 16:19	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.7	0.34	1		08/07/11 16:19	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.7	0.37	1		08/07/11 16:19	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.7	0.23	1		08/07/11 16:19	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.7	0.31	1		08/07/11 16:19	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	0.27	1		08/07/11 16:19	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	0.19	1		08/07/11 16:19	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	92 %		72-129		1		08/07/11 16:19	1868-53-7	
Toluene-d8 (S)	112 %		69-133		1		08/07/11 16:19	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_51 0-1 **Lab ID:** 258722001 Collected: 08/03/11 10:20 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	141 %		67-142		1		08/07/11 16:19	460-00-4	
1,2-Dichloroethane-d4 (S)	127 %		67-136		1		08/07/11 16:19	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	10.5 %		0.10	0.10	1		08/05/11 15:30		

Sample: SUP_SL_51 1-2 **Lab ID:** 258722002 Collected: 08/03/11 10:25 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	301 mg/kg		21.8	10.9	1	08/08/11 12:05	08/08/11 22:35		
Motor Oil Range SG	3530 mg/kg		87.3	43.7	1	08/08/11 12:05	08/08/11 22:35	64742-65-0	
Surrogates									
n-Octacosane (S) SG	111 %		50-150		1	08/08/11 12:05	08/08/11 22:35	630-02-4	
o-Terphenyl (S) SG	83 %		50-150		1	08/08/11 12:05	08/08/11 22:35	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	11.1 mg/kg		9.0	0.36	1	08/04/11 11:46	08/05/11 02:46		
Surrogates									
a,a,a-Trifluorotoluene (S)	108 %		50-150		1	08/04/11 11:46	08/05/11 02:46	98-08-8	
4-Bromofluorobenzene (S)	98 %		50-150		1	08/04/11 11:46	08/05/11 02:46	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	8.9J mg/kg		40.2	6.0	20	08/14/11 16:30	08/17/11 14:24	7440-38-2	
Cadmium	ND mg/kg		1.0	0.011	1	08/14/11 16:30	08/16/11 21:55	7440-43-9	
Lead	73.8 mg/kg		20.1	1.3	20	08/14/11 16:30	08/17/11 14:24	7439-92-1	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		3.9	0.19	1		08/06/11 04:28	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		3.9	0.24	1		08/06/11 04:28	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		3.9	0.36	1		08/06/11 04:28	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		3.9	0.36	1		08/06/11 04:28	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		3.9	0.53	1		08/06/11 04:28	76-13-1	
1,1-Dichloroethane	ND ug/kg		3.9	0.31	1		08/06/11 04:28	75-34-3	
1,1-Dichloroethene	ND ug/kg		3.9	0.49	1		08/06/11 04:28	75-35-4	
1,1-Dichloropropene	ND ug/kg		3.9	0.46	1		08/06/11 04:28	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		3.9	0.36	1		08/06/11 04:28	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		3.9	0.45	1		08/06/11 04:28	96-18-4	
1,2,4-Trichlorobenzene	0.33J ug/kg		3.9	0.32	1		08/06/11 04:28	120-82-1	B
1,2,4-Trimethylbenzene	1.2J ug/kg		3.9	0.68	1		08/06/11 04:28	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 1-2 Lab ID: 258722002 Collected: 08/03/11 10:25 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.5	0.51	1		08/06/11 04:28	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	0.28	1		08/06/11 04:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	0.32	1		08/06/11 04:28	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.9	0.29	1		08/06/11 04:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.9	0.49	1		08/06/11 04:28	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		08/06/11 04:28	78-87-5	
1,3,5-Trimethylbenzene	0.49J	ug/kg	3.9	0.42	1		08/06/11 04:28	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.9	0.25	1		08/06/11 04:28	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.9	0.36	1		08/06/11 04:28	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.9	0.31	1		08/06/11 04:28	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		08/06/11 04:28	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.1	2.0	1		08/06/11 04:28	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.9	0.41	1		08/06/11 04:28	95-49-8	
2-Hexanone	ND	ug/kg	13.1	0.47	1		08/06/11 04:28	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.9	0.35	1		08/06/11 04:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.1	0.40	1		08/06/11 04:28	108-10-1	
Acetone	79.8	ug/kg	13.1	1.4	1		08/06/11 04:28	67-64-1	1n,B
Benzene	1.3J	ug/kg	3.9	0.20	1		08/06/11 04:28	71-43-2	B
Bromobenzene	ND	ug/kg	3.9	0.31	1		08/06/11 04:28	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	0.29	1		08/06/11 04:28	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	0.15	1		08/06/11 04:28	75-27-4	
Bromoform	ND	ug/kg	3.9	0.30	1		08/06/11 04:28	75-25-2	
Bromomethane	ND	ug/kg	3.9	0.42	1		08/06/11 04:28	74-83-9	
Carbon disulfide	4.9	ug/kg	3.9	0.36	1		08/06/11 04:28	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.9	0.24	1		08/06/11 04:28	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	0.24	1		08/06/11 04:28	108-90-7	
Chloroethane	ND	ug/kg	3.9	0.38	1		08/06/11 04:28	75-00-3	
Chloroform	ND	ug/kg	3.9	0.25	1		08/06/11 04:28	67-66-3	
Chloromethane	ND	ug/kg	3.9	0.27	1		08/06/11 04:28	74-87-3	
Dibromochloromethane	ND	ug/kg	3.9	0.13	1		08/06/11 04:28	124-48-1	
Dibromomethane	ND	ug/kg	3.9	0.27	1		08/06/11 04:28	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.9	0.54	1		08/06/11 04:28	75-71-8	
Ethylbenzene	4.6	ug/kg	3.9	0.50	1		08/06/11 04:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	0.39	1		08/06/11 04:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	0.45	1		08/06/11 04:28	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.9	0.33	1		08/06/11 04:28	1634-04-4	
Methylene chloride	10.0J	ug/kg	13.1	3.5	1		08/06/11 04:28	75-09-2	B
Naphthalene	81.6	ug/kg	3.9	0.72	1		08/06/11 04:28	91-20-3	
Styrene	ND	ug/kg	3.9	0.38	1		08/06/11 04:28	100-42-5	
Tetrachloroethene	1.8J	ug/kg	3.9	0.50	1		08/06/11 04:28	127-18-4	B
Toluene	1.3J	ug/kg	3.9	0.40	1		08/06/11 04:28	108-88-3	
Trichloroethene	ND	ug/kg	3.9	0.27	1		08/06/11 04:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	0.30	1		08/06/11 04:28	75-69-4	
Vinyl chloride	ND	ug/kg	3.9	0.37	1		08/06/11 04:28	75-01-4	
Xylene (Total)	14.6	ug/kg	11.8	0.98	1		08/06/11 04:28	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_51 1-2 Lab ID: 258722002 Collected: 08/03/11 10:25 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.9	0.27	1		08/06/11 04:28	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	0.17	1		08/06/11 04:28	10061-01-5	
m&p-Xylene	12.4	ug/kg	7.9	0.98	1		08/06/11 04:28	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.9	0.60	1		08/06/11 04:28	104-51-8	
n-Propylbenzene	ND	ug/kg	3.9	0.46	1		08/06/11 04:28	103-65-1	
o-Xylene	2.2J	ug/kg	3.9	0.43	1		08/06/11 04:28	95-47-6	
p-Isopropyltoluene	0.61J	ug/kg	3.9	0.50	1		08/06/11 04:28	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.9	0.55	1		08/06/11 04:28	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.9	0.34	1		08/06/11 04:28	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.9	0.45	1		08/06/11 04:28	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	0.39	1		08/06/11 04:28	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	0.28	1		08/06/11 04:28	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/06/11 04:28	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/06/11 04:28	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-142		1		08/06/11 04:28	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		67-136		1		08/06/11 04:28	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.9 %		0.10	0.10	1		08/05/11 15:31		

Sample: SUP_SL_51 2-4 Lab ID: 258722003 Collected: 08/03/11 10:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	121	mg/kg	18.8	9.4	1	08/08/11 12:05	08/10/11 16:31		
Motor Oil Range SG	125	mg/kg	75.2	37.6	1	08/08/11 12:05	08/10/11 16:31	64742-65-0	
Surrogates									
n-Octacosane (S) SG	109 %		50-150		1	08/08/11 12:05	08/10/11 16:31	630-02-4	
o-Terphenyl (S) SG	98 %		50-150		1	08/08/11 12:05	08/10/11 16:31	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.99J	mg/kg	6.0	0.24	1	08/04/11 11:46	08/05/11 03:10		
Surrogates									
a,a,a-Trifluorotoluene (S)	113 %		50-150		1	08/04/11 11:46	08/05/11 03:10	98-08-8	
4-Bromofluorobenzene (S)	94 %		50-150		1	08/04/11 11:46	08/05/11 03:10	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	6.1J	mg/kg	9.7	1.5	5	08/14/11 16:30	08/16/11 20:34	7440-38-2	
Cadmium	ND	mg/kg	4.9	0.054	5	08/14/11 16:30	08/16/11 20:34	7440-43-9	
Lead	14.3	mg/kg	4.9	0.31	5	08/14/11 16:30	08/16/11 20:34	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 2-4 Lab ID: 258722003 Collected: 08/03/11 10:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1	0.15	1		08/06/11 04:45	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.1	0.19	1		08/06/11 04:45	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1	0.28	1		08/06/11 04:45	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.1	0.28	1		08/06/11 04:45	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.1	0.41	1		08/06/11 04:45	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.1	0.24	1		08/06/11 04:45	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.1	0.38	1		08/06/11 04:45	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.1	0.36	1		08/06/11 04:45	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.1	0.28	1		08/06/11 04:45	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.1	0.35	1		08/06/11 04:45	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.1	0.25	1		08/06/11 04:45	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.1	0.53	1		08/06/11 04:45	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	0.40	1		08/06/11 04:45	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	0.21	1		08/06/11 04:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/06/11 04:45	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.1	0.23	1		08/06/11 04:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.1	0.38	1		08/06/11 04:45	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.1	0.18	1		08/06/11 04:45	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.1	0.33	1		08/06/11 04:45	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.1	0.19	1		08/06/11 04:45	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.1	0.28	1		08/06/11 04:45	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.1	0.24	1		08/06/11 04:45	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/06/11 04:45	594-20-7	
2-Butanone (MEK)	8.3J	ug/kg	10.2	1.5	1		08/06/11 04:45	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.1	0.32	1		08/06/11 04:45	95-49-8	
2-Hexanone	ND	ug/kg	10.2	0.37	1		08/06/11 04:45	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.1	0.27	1		08/06/11 04:45	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.2	0.31	1		08/06/11 04:45	108-10-1	
Acetone	41.0	ug/kg	10.2	1.1	1		08/06/11 04:45	67-64-1	1n,B
Benzene	5.0	ug/kg	3.1	0.15	1		08/06/11 04:45	71-43-2	B
Bromobenzene	ND	ug/kg	3.1	0.24	1		08/06/11 04:45	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	0.22	1		08/06/11 04:45	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	0.12	1		08/06/11 04:45	75-27-4	
Bromoform	ND	ug/kg	3.1	0.24	1		08/06/11 04:45	75-25-2	
Bromomethane	ND	ug/kg	3.1	0.32	1		08/06/11 04:45	74-83-9	
Carbon disulfide	1.9J	ug/kg	3.1	0.28	1		08/06/11 04:45	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.1	0.18	1		08/06/11 04:45	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	0.19	1		08/06/11 04:45	108-90-7	
Chloroethane	ND	ug/kg	3.1	0.29	1		08/06/11 04:45	75-00-3	
Chloroform	ND	ug/kg	3.1	0.20	1		08/06/11 04:45	67-66-3	
Chloromethane	ND	ug/kg	3.1	0.21	1		08/06/11 04:45	74-87-3	
Dibromochloromethane	ND	ug/kg	3.1	0.10	1		08/06/11 04:45	124-48-1	
Dibromomethane	ND	ug/kg	3.1	0.21	1		08/06/11 04:45	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.1	0.42	1		08/06/11 04:45	75-71-8	
Ethylbenzene	ND	ug/kg	3.1	0.39	1		08/06/11 04:45	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 2-4 **Lab ID:** 258722003 Collected: 08/03/11 10:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	3.1	0.30	1		08/06/11 04:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	0.35	1		08/06/11 04:45	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.1	0.25	1		08/06/11 04:45	1634-04-4	
Methylene chloride	9.7J	ug/kg	10.2	2.7	1		08/06/11 04:45	75-09-2	B
Naphthalene	6.9	ug/kg	3.1	0.56	1		08/06/11 04:45	91-20-3	
Styrene	ND	ug/kg	3.1	0.29	1		08/06/11 04:45	100-42-5	
Tetrachloroethene	1.9J	ug/kg	3.1	0.39	1		08/06/11 04:45	127-18-4	B
Toluene	3.4	ug/kg	3.1	0.31	1		08/06/11 04:45	108-88-3	
Trichloroethene	ND	ug/kg	3.1	0.21	1		08/06/11 04:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.1	0.23	1		08/06/11 04:45	75-69-4	
Vinyl chloride	ND	ug/kg	3.1	0.29	1		08/06/11 04:45	75-01-4	
Xylene (Total)	0.88J	ug/kg	9.2	0.76	1		08/06/11 04:45	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.1	0.21	1		08/06/11 04:45	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	0.13	1		08/06/11 04:45	10061-01-5	
m&p-Xylene	0.88J	ug/kg	6.1	0.76	1		08/06/11 04:45	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.1	0.47	1		08/06/11 04:45	104-51-8	
n-Propylbenzene	ND	ug/kg	3.1	0.36	1		08/06/11 04:45	103-65-1	
o-Xylene	ND	ug/kg	3.1	0.33	1		08/06/11 04:45	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.1	0.39	1		08/06/11 04:45	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.1	0.43	1		08/06/11 04:45	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.1	0.26	1		08/06/11 04:45	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.1	0.35	1		08/06/11 04:45	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	0.31	1		08/06/11 04:45	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	0.21	1		08/06/11 04:45	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/06/11 04:45	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/06/11 04:45	2037-26-5	
4-Bromofluorobenzene (S)	103 %		67-142		1		08/06/11 04:45	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		67-136		1		08/06/11 04:45	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	15.1	%	0.10	0.10	1		08/05/11 15:32		

Sample: SUP_SL_51 4-6 **Lab ID:** 258722004 Collected: 08/03/11 10:35 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	175	mg/kg	22.5	11.3	1	08/08/11 12:05	08/08/11 23:40		
Motor Oil Range SG	857	mg/kg	90.0	45.0	1	08/08/11 12:05	08/08/11 23:40	64742-65-0	
Surrogates									
n-Octacosane (S) SG	105 %		50-150		1	08/08/11 12:05	08/08/11 23:40	630-02-4	
o-Terphenyl (S) SG	80 %		50-150		1	08/08/11 12:05	08/08/11 23:40	84-15-1	

ANALYTICAL RESULTS

Project: Superlon
Lab Project No.: 258722

Sample: SUP_SL_51 4-6 Lab ID: 258722004 Collected: 08/03/11 10:35 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	4.3J	mg/kg	8.8	0.35	1	08/04/11 11:46	08/05/11 03:34		
Surrogates									
a,a,a-Trifluorotoluene (S)	115	%	50-150		1	08/04/11 11:46	08/05/11 03:34	98-08-8	
4-Bromofluorobenzene (S)	97	%	50-150		1	08/04/11 11:46	08/05/11 03:34	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	13.1J	mg/kg	53.8	8.0	20	08/14/11 16:30	08/17/11 14:27	7440-38-2	
Cadmium	0.16J	mg/kg	1.3	0.015	1	08/14/11 16:30	08/16/11 22:02	7440-43-9	
Lead	42.7	mg/kg	26.9	1.7	20	08/14/11 16:30	08/17/11 14:27	7439-92-1	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	0.22	1		08/06/11 05:01	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.5	0.28	1		08/06/11 05:01	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	0.42	1		08/06/11 05:01	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.5	0.42	1		08/06/11 05:01	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	0.61	1		08/06/11 05:01	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.5	0.36	1		08/06/11 05:01	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.5	0.56	1		08/06/11 05:01	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.5	0.52	1		08/06/11 05:01	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	0.42	1		08/06/11 05:01	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.5	0.51	1		08/06/11 05:01	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	0.37	1		08/06/11 05:01	120-82-1	
1,2,4-Trimethylbenzene	1.2J	ug/kg	4.5	0.78	1		08/06/11 05:01	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	0.59	1		08/06/11 05:01	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	0.32	1		08/06/11 05:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	0.37	1		08/06/11 05:01	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.5	0.33	1		08/06/11 05:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.0	0.56	1		08/06/11 05:01	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.5	0.27	1		08/06/11 05:01	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	0.48	1		08/06/11 05:01	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.5	0.29	1		08/06/11 05:01	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.5	0.42	1		08/06/11 05:01	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.5	0.36	1		08/06/11 05:01	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.5	0.28	1		08/06/11 05:01	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.0	2.3	1		08/06/11 05:01	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.5	0.47	1		08/06/11 05:01	95-49-8	
2-Hexanone	ND	ug/kg	15.0	0.54	1		08/06/11 05:01	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.5	0.40	1		08/06/11 05:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.0	0.46	1		08/06/11 05:01	108-10-1	
Acetone	112	ug/kg	15.0	1.6	1		08/06/11 05:01	67-64-1	1n,B
Benzene	13.0	ug/kg	4.5	0.23	1		08/06/11 05:01	71-43-2	B
Bromobenzene	ND	ug/kg	4.5	0.35	1		08/06/11 05:01	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	0.33	1		08/06/11 05:01	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	0.18	1		08/06/11 05:01	75-27-4	
Bromoform	ND	ug/kg	4.5	0.35	1		08/06/11 05:01	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 4-6 Lab ID: 258722004 Collected: 08/03/11 10:35 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	4.5	0.48	1		08/06/11 05:01	74-83-9	
Carbon disulfide	2.2J	ug/kg	4.5	0.42	1		08/06/11 05:01	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.5	0.27	1		08/06/11 05:01	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	0.27	1		08/06/11 05:01	108-90-7	
Chloroethane	ND	ug/kg	4.5	0.43	1		08/06/11 05:01	75-00-3	
Chloroform	ND	ug/kg	4.5	0.29	1		08/06/11 05:01	67-66-3	
Chloromethane	ND	ug/kg	4.5	0.31	1		08/06/11 05:01	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	0.15	1		08/06/11 05:01	124-48-1	
Dibromomethane	ND	ug/kg	4.5	0.31	1		08/06/11 05:01	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.5	0.62	1		08/06/11 05:01	75-71-8	
Ethylbenzene	0.67J	ug/kg	4.5	0.57	1		08/06/11 05:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	0.45	1		08/06/11 05:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	0.52	1		08/06/11 05:01	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	0.38	1		08/06/11 05:01	1634-04-4	
Methylene chloride	13.0J	ug/kg	15.0	4.0	1		08/06/11 05:01	75-09-2	B
Naphthalene	9.6	ug/kg	4.5	0.82	1		08/06/11 05:01	91-20-3	
Styrene	ND	ug/kg	4.5	0.43	1		08/06/11 05:01	100-42-5	
Tetrachloroethene	1.8J	ug/kg	4.5	0.57	1		08/06/11 05:01	127-18-4	B
Toluene	11.0	ug/kg	4.5	0.46	1		08/06/11 05:01	108-88-3	
Trichloroethene	ND	ug/kg	4.5	0.32	1		08/06/11 05:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	0.34	1		08/06/11 05:01	75-69-4	
Vinyl chloride	ND	ug/kg	4.5	0.42	1		08/06/11 05:01	75-01-4	
Xylene (Total)	4.0J	ug/kg	13.5	1.1	1		08/06/11 05:01	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	0.31	1		08/06/11 05:01	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	0.20	1		08/06/11 05:01	10061-01-5	
m&p-Xylene	2.8J	ug/kg	9.0	1.1	1		08/06/11 05:01	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.5	0.69	1		08/06/11 05:01	104-51-8	
n-Propylbenzene	ND	ug/kg	4.5	0.53	1		08/06/11 05:01	103-65-1	
o-Xylene	1.2J	ug/kg	4.5	0.49	1		08/06/11 05:01	95-47-6	
p-Isopropyltoluene	1.0J	ug/kg	4.5	0.58	1		08/06/11 05:01	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.5	0.63	1		08/06/11 05:01	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.5	0.39	1		08/06/11 05:01	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.5	0.52	1		08/06/11 05:01	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	0.45	1		08/06/11 05:01	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	0.32	1		08/06/11 05:01	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	46 %		72-129		1		08/06/11 05:01	1868-53-7	S2
Toluene-d8 (S)	99 %		69-133		1		08/06/11 05:01	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/06/11 05:01	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/06/11 05:01	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	32.5 %		0.10	0.10	1		08/05/11 15:32		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_51 6-8 Lab ID: 258722005 Collected: 08/03/11 10:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	233	mg/kg	23.6	11.8	1	08/08/11 12:05	08/08/11 23:57		
Motor Oil Range SG	118	mg/kg	94.6	47.3	1	08/08/11 12:05	08/08/11 23:57	64742-65-0	
Surrogates									
n-Octacosane (S) SG	86	%	50-150		1	08/08/11 12:05	08/08/11 23:57	630-02-4	
o-Terphenyl (S) SG	75	%	50-150		1	08/08/11 12:05	08/08/11 23:57	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	2.2J	mg/kg	11.8	0.47	1	08/04/11 11:46	08/05/11 03:58		
Surrogates									
a,a,a-Trifluorotoluene (S)	112	%	50-150		1	08/04/11 11:46	08/05/11 03:58	98-08-8	
4-Bromofluorobenzene (S)	91	%	50-150		1	08/04/11 11:46	08/05/11 03:58	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	44.4J	mg/kg	47.6	7.1	20	08/14/11 16:30	08/17/11 14:38	7440-38-2	
Cadmium	0.37J	mg/kg	1.2	0.013	1	08/14/11 16:30	08/16/11 22:13	7440-43-9	
Lead	38.5	mg/kg	23.8	1.5	20	08/14/11 16:30	08/17/11 14:38	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	0.21	1		08/06/11 05:18	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.4	0.27	1		08/06/11 05:18	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	0.41	1		08/06/11 05:18	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.4	0.41	1		08/06/11 05:18	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	0.59	1		08/06/11 05:18	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.4	0.35	1		08/06/11 05:18	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.4	0.54	1		08/06/11 05:18	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.4	0.51	1		08/06/11 05:18	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	0.41	1		08/06/11 05:18	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.4	0.50	1		08/06/11 05:18	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	0.36	1		08/06/11 05:18	120-82-1	
1,2,4-Trimethylbenzene	0.96J	ug/kg	4.4	0.76	1		08/06/11 05:18	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	0.57	1		08/06/11 05:18	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	0.31	1		08/06/11 05:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	0.36	1		08/06/11 05:18	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.4	0.32	1		08/06/11 05:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.8	0.54	1		08/06/11 05:18	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.4	0.27	1		08/06/11 05:18	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	0.47	1		08/06/11 05:18	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.4	0.28	1		08/06/11 05:18	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.4	0.41	1		08/06/11 05:18	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.4	0.35	1		08/06/11 05:18	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.4	0.27	1		08/06/11 05:18	594-20-7	
2-Butanone (MEK)	21.9	ug/kg	14.6	2.2	1		08/06/11 05:18	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.4	0.46	1		08/06/11 05:18	95-49-8	
2-Hexanone	ND	ug/kg	14.6	0.53	1		08/06/11 05:18	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.4	0.39	1		08/06/11 05:18	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 6-8 Lab ID: 258722005 Collected: 08/03/11 10:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.6	0.45	1		08/06/11 05:18	108-10-1	
Acetone	82.2	ug/kg	14.6	1.6	1		08/06/11 05:18	67-64-1	1n,B
Benzene	2.3J	ug/kg	4.4	0.22	1		08/06/11 05:18	71-43-2	B
Bromobenzene	ND	ug/kg	4.4	0.34	1		08/06/11 05:18	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	0.32	1		08/06/11 05:18	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	0.17	1		08/06/11 05:18	75-27-4	
Bromoform	ND	ug/kg	4.4	0.34	1		08/06/11 05:18	75-25-2	
Bromomethane	ND	ug/kg	4.4	0.46	1		08/06/11 05:18	74-83-9	
Carbon disulfide	3.6J	ug/kg	4.4	0.41	1		08/06/11 05:18	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.4	0.27	1		08/06/11 05:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	0.27	1		08/06/11 05:18	108-90-7	
Chloroethane	ND	ug/kg	4.4	0.42	1		08/06/11 05:18	75-00-3	
Chloroform	ND	ug/kg	4.4	0.28	1		08/06/11 05:18	67-66-3	
Chloromethane	ND	ug/kg	4.4	0.30	1		08/06/11 05:18	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	0.15	1		08/06/11 05:18	124-48-1	
Dibromomethane	ND	ug/kg	4.4	0.31	1		08/06/11 05:18	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.4	0.61	1		08/06/11 05:18	75-71-8	
Ethylbenzene	ND	ug/kg	4.4	0.56	1		08/06/11 05:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	0.43	1		08/06/11 05:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	0.51	1		08/06/11 05:18	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	0.37	1		08/06/11 05:18	1634-04-4	
Methylene chloride	12.7J	ug/kg	14.6	3.9	1		08/06/11 05:18	75-09-2	B
Naphthalene	31.3	ug/kg	4.4	0.80	1		08/06/11 05:18	91-20-3	
Styrene	ND	ug/kg	4.4	0.42	1		08/06/11 05:18	100-42-5	
Tetrachloroethene	1.9J	ug/kg	4.4	0.56	1		08/06/11 05:18	127-18-4	B
Toluene	2.9J	ug/kg	4.4	0.45	1		08/06/11 05:18	108-88-3	
Trichloroethene	ND	ug/kg	4.4	0.31	1		08/06/11 05:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	0.34	1		08/06/11 05:18	75-69-4	
Vinyl chloride	ND	ug/kg	4.4	0.41	1		08/06/11 05:18	75-01-4	
Xylene (Total)	2.3J	ug/kg	13.2	1.1	1		08/06/11 05:18	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	0.31	1		08/06/11 05:18	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	0.19	1		08/06/11 05:18	10061-01-5	
m&p-Xylene	1.5J	ug/kg	8.8	1.1	1		08/06/11 05:18	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.4	0.67	1		08/06/11 05:18	104-51-8	
n-Propylbenzene	ND	ug/kg	4.4	0.52	1		08/06/11 05:18	103-65-1	
o-Xylene	0.78J	ug/kg	4.4	0.48	1		08/06/11 05:18	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.4	0.56	1		08/06/11 05:18	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.4	0.61	1		08/06/11 05:18	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.4	0.38	1		08/06/11 05:18	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.4	0.50	1		08/06/11 05:18	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	0.44	1		08/06/11 05:18	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	0.31	1		08/06/11 05:18	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	82 %		72-129		1		08/06/11 05:18	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/06/11 05:18	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_51 6-8 **Lab ID:** 258722005 Collected: 08/03/11 10:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	99 %		67-142		1		08/06/11 05:18	460-00-4	
1,2-Dichloroethane-d4 (S)	116 %		67-136		1		08/06/11 05:18	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	33.3 %		0.10	0.10	1		08/05/11 15:33		

Sample: SUP_SL_51 8-10 **Lab ID:** 258722006 Collected: 08/03/11 10:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	23.6	11.8	1	08/08/11 12:05	08/09/11 00:13		
Motor Oil Range SG	ND	mg/kg	94.6	47.3	1	08/08/11 12:05	08/09/11 00:13	64742-65-0	
Surrogates									
n-Octacosane (S) SG	93 %		50-150		1	08/08/11 12:05	08/09/11 00:13	630-02-4	
o-Terphenyl (S) SG	88 %		50-150		1	08/08/11 12:05	08/09/11 00:13	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.8J	mg/kg	10.8	0.43	1	08/04/11 11:46	08/05/11 04:45		
Surrogates									
a,a,a-Trifluorotoluene (S)	111 %		50-150		1	08/04/11 11:46	08/05/11 04:45	98-08-8	
4-Bromofluorobenzene (S)	95 %		50-150		1	08/04/11 11:46	08/05/11 04:45	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	675	mg/kg	42.1	6.3	20	08/14/11 16:30	08/17/11 14:42	7440-38-2	
Cadmium	7.1	mg/kg	1.1	0.012	1	08/14/11 16:30	08/16/11 22:17	7440-43-9	
Lead	12.8J	mg/kg	21.1	1.3	20	08/14/11 16:30	08/17/11 14:42	7439-92-1	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	0.24	1		08/06/11 05:35	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.0	0.30	1		08/06/11 05:35	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	0.46	1		08/06/11 05:35	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.0	0.46	1		08/06/11 05:35	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.0	0.67	1		08/06/11 05:35	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.0	0.39	1		08/06/11 05:35	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.0	0.62	1		08/06/11 05:35	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.0	0.58	1		08/06/11 05:35	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	0.46	1		08/06/11 05:35	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.0	0.57	1		08/06/11 05:35	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	0.40	1		08/06/11 05:35	120-82-1	
1,2,4-Trimethylbenzene	1.6J	ug/kg	5.0	0.86	1		08/06/11 05:35	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 8-10 Lab ID: 258722006 Collected: 08/03/11 10:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.3	0.65	1		08/06/11 05:35	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	0.35	1		08/06/11 05:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.0	0.41	1		08/06/11 05:35	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.0	0.37	1		08/06/11 05:35	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10	0.62	1		08/06/11 05:35	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.0	0.30	1		08/06/11 05:35	78-87-5	
1,3,5-Trimethylbenzene	0.64J	ug/kg	5.0	0.53	1		08/06/11 05:35	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.0	0.32	1		08/06/11 05:35	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.0	0.46	1		08/06/11 05:35	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.0	0.40	1		08/06/11 05:35	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.0	0.31	1		08/06/11 05:35	594-20-7	
2-Butanone (MEK)	42.3	ug/kg	16.6	2.5	1		08/06/11 05:35	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.0	0.52	1		08/06/11 05:35	95-49-8	
2-Hexanone	ND	ug/kg	16.6	0.60	1		08/06/11 05:35	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.0	0.44	1		08/06/11 05:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.6	0.51	1		08/06/11 05:35	108-10-1	
Acetone	136	ug/kg	16.6	1.8	1		08/06/11 05:35	67-64-1	1n,B
Benzene	2.9J	ug/kg	5.0	0.25	1		08/06/11 05:35	71-43-2	B
Bromobenzene	ND	ug/kg	5.0	0.39	1		08/06/11 05:35	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	0.37	1		08/06/11 05:35	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	0.20	1		08/06/11 05:35	75-27-4	
Bromoform	ND	ug/kg	5.0	0.39	1		08/06/11 05:35	75-25-2	
Bromomethane	ND	ug/kg	5.0	0.53	1		08/06/11 05:35	74-83-9	
Carbon disulfide	3.3J	ug/kg	5.0	0.46	1		08/06/11 05:35	75-15-0	B
Carbon tetrachloride	ND	ug/kg	5.0	0.30	1		08/06/11 05:35	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	0.30	1		08/06/11 05:35	108-90-7	
Chloroethane	ND	ug/kg	5.0	0.48	1		08/06/11 05:35	75-00-3	
Chloroform	ND	ug/kg	5.0	0.32	1		08/06/11 05:35	67-66-3	
Chloromethane	ND	ug/kg	5.0	0.34	1		08/06/11 05:35	74-87-3	
Dibromochloromethane	ND	ug/kg	5.0	0.17	1		08/06/11 05:35	124-48-1	
Dibromomethane	ND	ug/kg	5.0	0.35	1		08/06/11 05:35	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.0	0.69	1		08/06/11 05:35	75-71-8	
Ethylbenzene	0.64J	ug/kg	5.0	0.63	1		08/06/11 05:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	0.49	1		08/06/11 05:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	0.58	1		08/06/11 05:35	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.0	0.42	1		08/06/11 05:35	1634-04-4	
Methylene chloride	15.6J	ug/kg	16.6	4.4	1		08/06/11 05:35	75-09-2	B
Naphthalene	16.8	ug/kg	5.0	0.91	1		08/06/11 05:35	91-20-3	
Styrene	ND	ug/kg	5.0	0.48	1		08/06/11 05:35	100-42-5	
Tetrachloroethene	2.0J	ug/kg	5.0	0.64	1		08/06/11 05:35	127-18-4	B
Toluene	3.8J	ug/kg	5.0	0.51	1		08/06/11 05:35	108-88-3	
Trichloroethene	ND	ug/kg	5.0	0.35	1		08/06/11 05:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	0.38	1		08/06/11 05:35	75-69-4	
Vinyl chloride	ND	ug/kg	5.0	0.47	1		08/06/11 05:35	75-01-4	
Xylene (Total)	3.3J	ug/kg	15.0	1.2	1		08/06/11 05:35	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_51 8-10 **Lab ID: 258722006** Collected: 08/03/11 10:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	5.0	0.35	1		08/06/11 05:35	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	0.22	1		08/06/11 05:35	10061-01-5	
m&p-Xylene	2.3J	ug/kg	10	1.2	1		08/06/11 05:35	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.0	0.76	1		08/06/11 05:35	104-51-8	
n-Propylbenzene	ND	ug/kg	5.0	0.59	1		08/06/11 05:35	103-65-1	
o-Xylene	1.0J	ug/kg	5.0	0.54	1		08/06/11 05:35	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.0	0.64	1		08/06/11 05:35	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.0	0.70	1		08/06/11 05:35	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.0	0.43	1		08/06/11 05:35	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.0	0.57	1		08/06/11 05:35	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	0.50	1		08/06/11 05:35	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	0.35	1		08/06/11 05:35	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	24 %		72-129		1		08/06/11 05:35	1868-53-7	S2
Toluene-d8 (S)	99 %		69-133		1		08/06/11 05:35	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/06/11 05:35	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/06/11 05:35	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	36.7 %		0.10	0.10	1		08/05/11 15:37		

Sample: SUP_SL_51 10-12 **Lab ID: 258722007** Collected: 08/03/11 10:50 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	24.5	12.3	1	08/08/11 12:05	08/09/11 00:29		
Motor Oil Range SG	ND	mg/kg	98.0	49.0	1	08/08/11 12:05	08/09/11 00:29	64742-65-0	
Surrogates									
n-Octacosane (S) SG	78 %		50-150		1	08/08/11 12:05	08/09/11 00:29	630-02-4	
o-Terphenyl (S) SG	73 %		50-150		1	08/08/11 12:05	08/09/11 00:29	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	2.9J	mg/kg	11.6	0.46	1	08/04/11 11:46	08/05/11 05:09		
Surrogates									
a,a,a-Trifluorotoluene (S)	110 %		50-150		1	08/04/11 11:46	08/05/11 05:09	98-08-8	
4-Bromofluorobenzene (S)	101 %		50-150		1	08/04/11 11:46	08/05/11 05:09	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	271	mg/kg	2.5	0.38	1	08/14/11 16:30	08/16/11 22:20	7440-38-2	
Cadmium	2.3	mg/kg	1.3	0.014	1	08/14/11 16:30	08/16/11 22:20	7440-43-9	
Lead	6.7	mg/kg	1.3	0.080	1	08/14/11 16:30	08/16/11 22:20	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 10-12 Lab ID: 258722007 Collected: 08/03/11 10:50 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	0.24	1		08/06/11 05:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.8	0.30	1		08/06/11 05:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	0.45	1		08/06/11 05:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.8	0.45	1		08/06/11 05:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.8	0.65	1		08/06/11 05:52	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.8	0.38	1		08/06/11 05:52	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.8	0.60	1		08/06/11 05:52	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.8	0.56	1		08/06/11 05:52	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	0.45	1		08/06/11 05:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.8	0.55	1		08/06/11 05:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	0.39	1		08/06/11 05:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	0.83	1		08/06/11 05:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	0.63	1		08/06/11 05:52	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	0.34	1		08/06/11 05:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.8	0.40	1		08/06/11 05:52	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.8	0.36	1		08/06/11 05:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.7	0.60	1		08/06/11 05:52	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.8	0.29	1		08/06/11 05:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	0.51	1		08/06/11 05:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.8	0.31	1		08/06/11 05:52	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.8	0.45	1		08/06/11 05:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.8	0.39	1		08/06/11 05:52	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.8	0.30	1		08/06/11 05:52	594-20-7	
2-Butanone (MEK)	103	ug/kg	16.1	2.4	1		08/06/11 05:52	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.8	0.51	1		08/06/11 05:52	95-49-8	
2-Hexanone	ND	ug/kg	16.1	0.58	1		08/06/11 05:52	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.8	0.43	1		08/06/11 05:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.1	0.49	1		08/06/11 05:52	108-10-1	
Acetone	376	ug/kg	16.1	1.8	1		08/06/11 05:52	67-64-1	1n,B
Benzene	4.8	ug/kg	4.8	0.24	1		08/06/11 05:52	71-43-2	B
Bromobenzene	ND	ug/kg	4.8	0.38	1		08/06/11 05:52	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	0.36	1		08/06/11 05:52	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	0.19	1		08/06/11 05:52	75-27-4	
Bromoform	ND	ug/kg	4.8	0.37	1		08/06/11 05:52	75-25-2	
Bromomethane	ND	ug/kg	4.8	0.51	1		08/06/11 05:52	74-83-9	
Carbon disulfide	9.4	ug/kg	4.8	0.45	1		08/06/11 05:52	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.8	0.29	1		08/06/11 05:52	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	0.29	1		08/06/11 05:52	108-90-7	
Chloroethane	ND	ug/kg	4.8	0.47	1		08/06/11 05:52	75-00-3	
Chloroform	ND	ug/kg	4.8	0.31	1		08/06/11 05:52	67-66-3	
Chloromethane	ND	ug/kg	4.8	0.33	1		08/06/11 05:52	74-87-3	
Dibromochloromethane	ND	ug/kg	4.8	0.16	1		08/06/11 05:52	124-48-1	
Dibromomethane	ND	ug/kg	4.8	0.34	1		08/06/11 05:52	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.8	0.67	1		08/06/11 05:52	75-71-8	
Ethylbenzene	ND	ug/kg	4.8	0.61	1		08/06/11 05:52	100-41-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_51 10-12 **Lab ID:** 258722007 Collected: 08/03/11 10:50 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	0.48	1		08/06/11 05:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	0.56	1		08/06/11 05:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.8	0.40	1		08/06/11 05:52	1634-04-4	
Methylene chloride	13.2J	ug/kg	16.1	4.3	1		08/06/11 05:52	75-09-2	B
Naphthalene	ND	ug/kg	4.8	0.88	1		08/06/11 05:52	91-20-3	
Styrene	ND	ug/kg	4.8	0.46	1		08/06/11 05:52	100-42-5	
Tetrachloroethene	1.6J	ug/kg	4.8	0.62	1		08/06/11 05:52	127-18-4	B
Toluene	2.4J	ug/kg	4.8	0.50	1		08/06/11 05:52	108-88-3	
Trichloroethene	ND	ug/kg	4.8	0.34	1		08/06/11 05:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	0.37	1		08/06/11 05:52	75-69-4	
Vinyl chloride	ND	ug/kg	4.8	0.45	1		08/06/11 05:52	75-01-4	
Xylene (Total)	ND	ug/kg	14.5	1.2	1		08/06/11 05:52	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	0.34	1		08/06/11 05:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	0.21	1		08/06/11 05:52	10061-01-5	
m&p-Xylene	ND	ug/kg	9.7	1.2	1		08/06/11 05:52	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.8	0.74	1		08/06/11 05:52	104-51-8	
n-Propylbenzene	ND	ug/kg	4.8	0.57	1		08/06/11 05:52	103-65-1	
o-Xylene	ND	ug/kg	4.8	0.52	1		08/06/11 05:52	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.8	0.62	1		08/06/11 05:52	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.8	0.67	1		08/06/11 05:52	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.8	0.42	1		08/06/11 05:52	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.8	0.56	1		08/06/11 05:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	0.48	1		08/06/11 05:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	0.34	1		08/06/11 05:52	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110 %		72-129		1		08/06/11 05:52	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/06/11 05:52	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/06/11 05:52	460-00-4	
1,2-Dichloroethane-d4 (S)	117 %		67-136		1		08/06/11 05:52	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.1 %		0.10	0.10	1		08/05/11 15:37		

Sample: SUP_SL_51 12-14 **Lab ID:** 258722008 Collected: 08/03/11 10:55 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	22.0	11.0	1	08/08/11 12:05	08/09/11 00:46		
Motor Oil Range SG	ND	mg/kg	88.2	44.1	1	08/08/11 12:05	08/09/11 00:46	64742-65-0	
Surrogates									
n-Octacosane (S) SG	89 %		50-150		1	08/08/11 12:05	08/09/11 00:46	630-02-4	
o-Terphenyl (S) SG	84 %		50-150		1	08/08/11 12:05	08/09/11 00:46	84-15-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 12-14 Lab ID: 258722008 Collected: 08/03/11 10:55 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.5J	mg/kg	8.8	0.35	1	08/04/11 11:46	08/05/11 05:33		
Surrogates									
a,a,a-Trifluorotoluene (S)	113	%	50-150		1	08/04/11 11:46	08/05/11 05:33	98-08-8	
4-Bromofluorobenzene (S)	102	%	50-150		1	08/04/11 11:46	08/05/11 05:33	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	10.9J	mg/kg	11.7	1.8	5	08/14/11 16:30	08/16/11 21:00	7440-38-2	
Cadmium	ND	mg/kg	5.9	0.065	5	08/14/11 16:30	08/16/11 21:00	7440-43-9	
Lead	2.7	mg/kg	1.2	0.074	1	08/14/11 16:30	08/16/11 22:24	7439-92-1	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		08/06/11 06:09	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		08/06/11 06:09	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		08/06/11 06:09	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		08/06/11 06:09	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.55	1		08/06/11 06:09	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.32	1		08/06/11 06:09	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.51	1		08/06/11 06:09	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.48	1		08/06/11 06:09	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		08/06/11 06:09	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.47	1		08/06/11 06:09	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.33	1		08/06/11 06:09	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	0.71	1		08/06/11 06:09	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	0.53	1		08/06/11 06:09	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		08/06/11 06:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.34	1		08/06/11 06:09	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.1	0.30	1		08/06/11 06:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.2	0.51	1		08/06/11 06:09	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		08/06/11 06:09	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	0.44	1		08/06/11 06:09	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		08/06/11 06:09	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		08/06/11 06:09	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		08/06/11 06:09	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.26	1		08/06/11 06:09	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.7	2.1	1		08/06/11 06:09	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		08/06/11 06:09	95-49-8	
2-Hexanone	ND	ug/kg	13.7	0.49	1		08/06/11 06:09	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.36	1		08/06/11 06:09	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.7	0.42	1		08/06/11 06:09	108-10-1	
Acetone	125	ug/kg	13.7	1.5	1		08/06/11 06:09	67-64-1	1n,B
Benzene	1.9J	ug/kg	4.1	0.21	1		08/06/11 06:09	71-43-2	B
Bromobenzene	ND	ug/kg	4.1	0.32	1		08/06/11 06:09	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		08/06/11 06:09	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		08/06/11 06:09	75-27-4	
Bromoform	ND	ug/kg	4.1	0.32	1		08/06/11 06:09	75-25-2	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_51 12-14 Lab ID: 258722008 Collected: 08/03/11 10:55 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	4.1	0.43	1		08/06/11 06:09	74-83-9	
Carbon disulfide	9.5	ug/kg	4.1	0.38	1		08/06/11 06:09	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		08/06/11 06:09	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	0.25	1		08/06/11 06:09	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.40	1		08/06/11 06:09	75-00-3	
Chloroform	ND	ug/kg	4.1	0.27	1		08/06/11 06:09	67-66-3	
Chloromethane	ND	ug/kg	4.1	0.28	1		08/06/11 06:09	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		08/06/11 06:09	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.29	1		08/06/11 06:09	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.57	1		08/06/11 06:09	75-71-8	
Ethylbenzene	ND	ug/kg	4.1	0.52	1		08/06/11 06:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	0.41	1		08/06/11 06:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	0.47	1		08/06/11 06:09	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.34	1		08/06/11 06:09	1634-04-4	
Methylene chloride	12.6J	ug/kg	13.7	3.6	1		08/06/11 06:09	75-09-2	B
Naphthalene	ND	ug/kg	4.1	0.75	1		08/06/11 06:09	91-20-3	
Styrene	ND	ug/kg	4.1	0.39	1		08/06/11 06:09	100-42-5	
Tetrachloroethene	1.7J	ug/kg	4.1	0.52	1		08/06/11 06:09	127-18-4	B
Toluene	1.4J	ug/kg	4.1	0.42	1		08/06/11 06:09	108-88-3	
Trichloroethene	ND	ug/kg	4.1	0.29	1		08/06/11 06:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.31	1		08/06/11 06:09	75-69-4	
Vinyl chloride	ND	ug/kg	4.1	0.38	1		08/06/11 06:09	75-01-4	
Xylene (Total)	ND	ug/kg	12.3	1.0	1		08/06/11 06:09	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	0.29	1		08/06/11 06:09	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		08/06/11 06:09	10061-01-5	
m&p-Xylene	ND	ug/kg	8.2	1.0	1		08/06/11 06:09	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.1	0.63	1		08/06/11 06:09	104-51-8	
n-Propylbenzene	ND	ug/kg	4.1	0.48	1		08/06/11 06:09	103-65-1	
o-Xylene	ND	ug/kg	4.1	0.45	1		08/06/11 06:09	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.1	0.53	1		08/06/11 06:09	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.1	0.57	1		08/06/11 06:09	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.35	1		08/06/11 06:09	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.47	1		08/06/11 06:09	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	0.41	1		08/06/11 06:09	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.29	1		08/06/11 06:09	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104 %		72-129		1		08/06/11 06:09	1868-53-7	
Toluene-d8 (S)	101 %		69-133		1		08/06/11 06:09	2037-26-5	
4-Bromofluorobenzene (S)	107 %		67-142		1		08/06/11 06:09	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/06/11 06:09	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	28.5 %		0.10	0.10	1		08/05/11 15:38		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_51 14-16 **Lab ID: 258722009** Collected: 08/03/11 11:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	20.0	10	1	08/08/11 12:05	08/09/11 01:02		
Motor Oil Range SG	ND	mg/kg	79.9	39.9	1	08/08/11 12:05	08/09/11 01:02	64742-65-0	
Surrogates									
n-Octacosane (S) SG	89 %		50-150		1	08/08/11 12:05	08/09/11 01:02	630-02-4	
o-Terphenyl (S) SG	84 %		50-150		1	08/08/11 12:05	08/09/11 01:02	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.83J	mg/kg	7.3	0.29	1	08/04/11 11:46	08/05/11 05:56		
Surrogates									
a,a,a-Trifluorotoluene (S)	112 %		50-150		1	08/04/11 11:46	08/05/11 05:56	98-08-8	
4-Bromofluorobenzene (S)	93 %		50-150		1	08/04/11 11:46	08/05/11 05:56	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.2	mg/kg	2.0	0.30	1	08/14/11 16:30	08/16/11 22:28	7440-38-2	
Cadmium	ND	mg/kg	1.0	0.011	1	08/14/11 16:30	08/16/11 22:28	7440-43-9	
Lead	2.1	mg/kg	1.0	0.064	1	08/14/11 16:30	08/16/11 22:28	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	0.18	1		08/06/11 06:26	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	0.22	1		08/06/11 06:26	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	0.33	1		08/06/11 06:26	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	0.33	1		08/06/11 06:26	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	0.48	1		08/06/11 06:26	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	0.28	1		08/06/11 06:26	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	0.45	1		08/06/11 06:26	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.6	0.42	1		08/06/11 06:26	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	0.33	1		08/06/11 06:26	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	0.41	1		08/06/11 06:26	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	0.29	1		08/06/11 06:26	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	0.62	1		08/06/11 06:26	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	0.47	1		08/06/11 06:26	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	0.25	1		08/06/11 06:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	0.30	1		08/06/11 06:26	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	0.27	1		08/06/11 06:26	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.2	0.45	1		08/06/11 06:26	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/06/11 06:26	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.38	1		08/06/11 06:26	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		08/06/11 06:26	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.33	1		08/06/11 06:26	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		08/06/11 06:26	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/06/11 06:26	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.0	1.8	1		08/06/11 06:26	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	0.38	1		08/06/11 06:26	95-49-8	
2-Hexanone	ND	ug/kg	12.0	0.43	1		08/06/11 06:26	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		08/06/11 06:26	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 14-16 Lab ID: 258722009 Collected: 08/03/11 11:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.0	0.37	1		08/06/11 06:26	108-10-1	
Acetone	35.5	ug/kg	12.0	1.3	1		08/06/11 06:26	67-64-1	1n,B
Benzene	0.37J	ug/kg	3.6	0.18	1		08/06/11 06:26	71-43-2	B
Bromobenzene	ND	ug/kg	3.6	0.28	1		08/06/11 06:26	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.26	1		08/06/11 06:26	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		08/06/11 06:26	75-27-4	
Bromoform	ND	ug/kg	3.6	0.28	1		08/06/11 06:26	75-25-2	
Bromomethane	ND	ug/kg	3.6	0.38	1		08/06/11 06:26	74-83-9	
Carbon disulfide	2.6J	ug/kg	3.6	0.33	1		08/06/11 06:26	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.6	0.22	1		08/06/11 06:26	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		08/06/11 06:26	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.35	1		08/06/11 06:26	75-00-3	
Chloroform	ND	ug/kg	3.6	0.23	1		08/06/11 06:26	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.25	1		08/06/11 06:26	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		08/06/11 06:26	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		08/06/11 06:26	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.50	1		08/06/11 06:26	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.46	1		08/06/11 06:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.36	1		08/06/11 06:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.42	1		08/06/11 06:26	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		08/06/11 06:26	1634-04-4	
Methylene chloride	10.2J	ug/kg	12.0	3.2	1		08/06/11 06:26	75-09-2	B
Naphthalene	ND	ug/kg	3.6	0.66	1		08/06/11 06:26	91-20-3	
Styrene	ND	ug/kg	3.6	0.35	1		08/06/11 06:26	100-42-5	
Tetrachloroethene	0.91J	ug/kg	3.6	0.46	1		08/06/11 06:26	127-18-4	B
Toluene	ND	ug/kg	3.6	0.37	1		08/06/11 06:26	108-88-3	
Trichloroethene	ND	ug/kg	3.6	0.25	1		08/06/11 06:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	0.28	1		08/06/11 06:26	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.34	1		08/06/11 06:26	75-01-4	
Xylene (Total)	ND	ug/kg	10.8	0.90	1		08/06/11 06:26	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	0.25	1		08/06/11 06:26	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.16	1		08/06/11 06:26	10061-01-5	
m&p-Xylene	ND	ug/kg	7.2	0.90	1		08/06/11 06:26	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	0.55	1		08/06/11 06:26	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	0.42	1		08/06/11 06:26	103-65-1	
o-Xylene	ND	ug/kg	3.6	0.39	1		08/06/11 06:26	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	0.46	1		08/06/11 06:26	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.50	1		08/06/11 06:26	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	0.31	1		08/06/11 06:26	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.41	1		08/06/11 06:26	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	0.36	1		08/06/11 06:26	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		08/06/11 06:26	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/06/11 06:26	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/06/11 06:26	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_51 14-16 **Lab ID: 258722009** Collected: 08/03/11 11:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
4-Bromofluorobenzene (S)	102 %		67-142		1		08/06/11 06:26	460-00-4	
1,2-Dichloroethane-d4 (S)	115 %		67-136		1		08/06/11 06:26	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.4 %		0.10	0.10	1		08/05/11 15:39		

Sample: Trip Blank #11 **Lab ID: 258722010** Collected: 08/03/11 11:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.62J	mg/kg	5.0	0.20	1	08/04/11 11:46	08/04/11 20:49		
<i>Surrogates</i>									
a,a,a-Trifluorotoluene (S)	106 %		50-150		1	08/04/11 11:46	08/04/11 20:49	98-08-8	
4-Bromofluorobenzene (S)	81 %		50-150		1	08/04/11 11:46	08/04/11 20:49	460-00-4	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/06/11 06:43	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/06/11 06:43	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/06/11 06:43	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/06/11 06:43	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/06/11 06:43	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/06/11 06:43	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/06/11 06:43	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/06/11 06:43	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/06/11 06:43	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/06/11 06:43	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/06/11 06:43	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/06/11 06:43	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/06/11 06:43	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/06/11 06:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/06/11 06:43	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/06/11 06:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/06/11 06:43	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/06/11 06:43	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/06/11 06:43	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/06/11 06:43	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/06/11 06:43	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/06/11 06:43	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/06/11 06:43	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/06/11 06:43	78-93-3	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: Trip Blank #11 Lab ID: 258722010 Collected: 08/03/11 11:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/06/11 06:43	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/06/11 06:43	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/06/11 06:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/06/11 06:43	108-10-1	
Acetone	8.8J	ug/kg	10.0	1.1	1		08/06/11 06:43	67-64-1	B
Benzene	ND	ug/kg	3.0	0.15	1		08/06/11 06:43	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/06/11 06:43	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/06/11 06:43	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/06/11 06:43	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/06/11 06:43	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/06/11 06:43	74-83-9	
Carbon disulfide	0.79J	ug/kg	3.0	0.28	1		08/06/11 06:43	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/06/11 06:43	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/06/11 06:43	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/06/11 06:43	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/06/11 06:43	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/06/11 06:43	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/06/11 06:43	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/06/11 06:43	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/06/11 06:43	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/06/11 06:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/06/11 06:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/06/11 06:43	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/06/11 06:43	1634-04-4	
Methylene chloride	11.3	ug/kg	10.0	2.6	1		08/06/11 06:43	75-09-2	B
Naphthalene	ND	ug/kg	3.0	0.55	1		08/06/11 06:43	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/06/11 06:43	100-42-5	
Tetrachloroethene	0.84J	ug/kg	3.0	0.38	1		08/06/11 06:43	127-18-4	B
Toluene	0.53J	ug/kg	3.0	0.31	1		08/06/11 06:43	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/06/11 06:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/06/11 06:43	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/06/11 06:43	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/06/11 06:43	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/06/11 06:43	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/06/11 06:43	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/06/11 06:43	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/06/11 06:43	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/06/11 06:43	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/06/11 06:43	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/06/11 06:43	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/06/11 06:43	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/06/11 06:43	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/06/11 06:43	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/06/11 06:43	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/06/11 06:43	10061-02-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: Trip Blank #11 Lab ID: 258722010 Collected: 08/03/11 11:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/06/11 06:43	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/06/11 06:43	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/06/11 06:43	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/06/11 06:43	17060-07-0	

Sample: SUP_SL_53 0-1 Lab ID: 258722011 Collected: 08/03/11 08:53 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	1300 mg/kg		21.2	10.6	1	08/08/11 12:05	08/09/11 01:18		
Motor Oil Range SG	2320 mg/kg		424	212	5	08/08/11 12:05	08/10/11 16:47	64742-65-0	
Surrogates									
n-Octacosane (S) SG	122 %		50-150		5	08/08/11 12:05	08/10/11 16:47	630-02-4	
o-Terphenyl (S) SG	90 %		50-150		1	08/08/11 12:05	08/09/11 01:18	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	89.3 mg/kg		11.3	0.45	1	08/05/11 11:00	08/05/11 15:16		
Surrogates									
a,a,a-Trifluorotoluene (S)	108 %		50-150		1	08/05/11 11:00	08/05/11 15:16	98-08-8	
4-Bromofluorobenzene (S)	98 %		50-150		1	08/05/11 11:00	08/05/11 15:16	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	249 mg/kg		13.1	1.9	5	08/14/11 16:30	08/16/11 21:07	7440-38-2	
Cadmium	3.1J mg/kg		6.5	0.072	5	08/14/11 16:30	08/16/11 21:07	7440-43-9	
Lead	316 mg/kg		1.3	0.082	1	08/14/11 16:30	08/16/11 22:31	7439-92-1	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND ug/kg		8.6	0.42	1		08/07/11 16:36	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		8.6	0.53	1		08/07/11 16:36	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		8.6	0.80	1		08/07/11 16:36	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		8.6	0.80	1		08/07/11 16:36	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		8.6	1.2	1		08/07/11 16:36	76-13-1	
1,1-Dichloroethane	ND ug/kg		8.6	0.68	1		08/07/11 16:36	75-34-3	
1,1-Dichloroethene	ND ug/kg		8.6	1.1	1		08/07/11 16:36	75-35-4	
1,1-Dichloropropene	ND ug/kg		8.6	1.0	1		08/07/11 16:36	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		8.6	0.80	1		08/07/11 16:36	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		8.6	0.98	1		08/07/11 16:36	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		8.6	0.70	1		08/07/11 16:36	120-82-1	
1,2,4-Trimethylbenzene	115 ug/kg		8.6	1.5	1		08/07/11 16:36	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/kg		14.3	1.1	1		08/07/11 16:36	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 0-1 Lab ID: 258722011 Collected: 08/03/11 08:53 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromoethane (EDB)	ND	ug/kg	8.6	0.60	1		08/07/11 16:36	106-93-4	
1,2-Dichlorobenzene	2.0J	ug/kg	8.6	0.71	1		08/07/11 16:36	95-50-1	
1,2-Dichloroethane	ND	ug/kg	8.6	0.64	1		08/07/11 16:36	107-06-2	
1,2-Dichloroethene (Total)	4.1J	ug/kg	17.2	1.1	1		08/07/11 16:36	540-59-0	
1,2-Dichloropropane	ND	ug/kg	8.6	0.52	1		08/07/11 16:36	78-87-5	
1,3,5-Trimethylbenzene	44.1	ug/kg	8.6	0.92	1		08/07/11 16:36	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	8.6	0.55	1		08/07/11 16:36	541-73-1	
1,3-Dichloropropane	ND	ug/kg	8.6	0.80	1		08/07/11 16:36	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	8.6	0.69	1		08/07/11 16:36	106-46-7	
2,2-Dichloropropane	ND	ug/kg	8.6	0.54	1		08/07/11 16:36	594-20-7	
2-Butanone (MEK)	ND	ug/kg	28.7	4.3	1		08/07/11 16:36	78-93-3	
2-Chlorotoluene	ND	ug/kg	8.6	0.90	1		08/07/11 16:36	95-49-8	
2-Hexanone	ND	ug/kg	28.7	1.0	1		08/07/11 16:36	591-78-6	
4-Chlorotoluene	ND	ug/kg	8.6	0.76	1		08/07/11 16:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.7	0.87	1		08/07/11 16:36	108-10-1	
Acetone	499	ug/kg	28.7	3.2	1		08/07/11 16:36	67-64-1	1n,B
Benzene	6.2J	ug/kg	8.6	0.43	1		08/07/11 16:36	71-43-2	B
Bromobenzene	ND	ug/kg	8.6	0.67	1		08/07/11 16:36	108-86-1	
Bromochloromethane	ND	ug/kg	8.6	0.63	1		08/07/11 16:36	74-97-5	
Bromodichloromethane	ND	ug/kg	8.6	0.34	1		08/07/11 16:36	75-27-4	
Bromoform	ND	ug/kg	8.6	0.66	1		08/07/11 16:36	75-25-2	
Bromomethane	ND	ug/kg	8.6	0.91	1		08/07/11 16:36	74-83-9	
Carbon disulfide	10.9	ug/kg	8.6	0.80	1		08/07/11 16:36	75-15-0	B
Carbon tetrachloride	ND	ug/kg	8.6	0.52	1		08/07/11 16:36	56-23-5	
Chlorobenzene	ND	ug/kg	8.6	0.53	1		08/07/11 16:36	108-90-7	
Chloroethane	ND	ug/kg	8.6	0.83	1		08/07/11 16:36	75-00-3	
Chloroform	ND	ug/kg	8.6	0.56	1		08/07/11 16:36	67-66-3	
Chloromethane	ND	ug/kg	8.6	0.59	1		08/07/11 16:36	74-87-3	
Dibromochloromethane	ND	ug/kg	8.6	0.29	1		08/07/11 16:36	124-48-1	
Dibromomethane	ND	ug/kg	8.6	0.60	1		08/07/11 16:36	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	8.6	1.2	1		08/07/11 16:36	75-71-8	
Ethylbenzene	12.9	ug/kg	8.6	1.1	1		08/07/11 16:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.6	0.85	1		08/07/11 16:36	87-68-3	
Isopropylbenzene (Cumene)	7.1J	ug/kg	8.6	0.99	1		08/07/11 16:36	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	8.6	0.72	1		08/07/11 16:36	1634-04-4	
Methylene chloride	ND	ug/kg	28.7	7.6	1		08/07/11 16:36	75-09-2	
Naphthalene	314	ug/kg	8.6	1.6	1		08/07/11 16:36	91-20-3	
Styrene	ND	ug/kg	8.6	0.82	1		08/07/11 16:36	100-42-5	
Tetrachloroethene	1.1J	ug/kg	8.6	1.1	1		08/07/11 16:36	127-18-4	B
Toluene	82.3	ug/kg	8.6	0.88	1		08/07/11 16:36	108-88-3	
Trichloroethene	ND	ug/kg	8.6	0.60	1		08/07/11 16:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.6	0.66	1		08/07/11 16:36	75-69-4	
Vinyl chloride	4.0J	ug/kg	8.6	0.80	1		08/07/11 16:36	75-01-4	
Xylene (Total)	64.0	ug/kg	25.8	2.1	1		08/07/11 16:36	1330-20-7	
cis-1,2-Dichloroethene	4.1J	ug/kg	8.6	0.60	1		08/07/11 16:36	156-59-2	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_53 0-1 Lab ID: 258722011 Collected: 08/03/11 08:53 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,3-Dichloropropene	ND	ug/kg	8.6	0.37	1		08/07/11 16:36	10061-01-5	
m&p-Xylene	32.4	ug/kg	17.2	2.1	1		08/07/11 16:36	179601-23-1	
n-Butylbenzene	ND	ug/kg	8.6	1.3	1		08/07/11 16:36	104-51-8	
n-Propylbenzene	8.6J	ug/kg	8.6	1.0	1		08/07/11 16:36	103-65-1	
o-Xylene	31.6	ug/kg	8.6	0.93	1		08/07/11 16:36	95-47-6	
p-Isopropyltoluene	370	ug/kg	8.6	1.1	1		08/07/11 16:36	99-87-6	
sec-Butylbenzene	ND	ug/kg	8.6	1.2	1		08/07/11 16:36	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	8.6	0.74	1		08/07/11 16:36	994-05-8	
tert-Butylbenzene	ND	ug/kg	8.6	0.99	1		08/07/11 16:36	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	8.6	0.86	1		08/07/11 16:36	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.6	0.60	1		08/07/11 16:36	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	72-129		1		08/07/11 16:36	1868-53-7	
Toluene-d8 (S)	114	%	69-133		1		08/07/11 16:36	2037-26-5	
4-Bromofluorobenzene (S)	122	%	67-142		1		08/07/11 16:36	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	67-136		1		08/07/11 16:36	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	27.1	%	0.10	0.10	1		08/05/11 15:39		
------------------	-------------	---	------	------	---	--	----------------	--	--

Sample: SUP_SL_53 1-2 Lab ID: 258722012 Collected: 08/03/11 08:57 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	8440	mg/kg	162	80.9	10	08/08/11 12:05	08/10/11 17:03		
Motor Oil Range SG	10500	mg/kg	647	324	10	08/08/11 12:05	08/10/11 17:03	64742-65-0	
Surrogates									
n-Octacosane (S) SG	0	%	50-150		10	08/08/11 12:05	08/10/11 17:03	630-02-4	S4
o-Terphenyl (S) SG	0	%	50-150		10	08/08/11 12:05	08/10/11 17:03	84-15-1	S4
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	433	mg/kg	5.7	0.23	1	08/05/11 11:00	08/05/11 23:52		
Surrogates									
a,a,a-Trifluorotoluene (S)	111	%	50-150		1	08/05/11 11:00	08/05/11 23:52	98-08-8	
4-Bromofluorobenzene (S)	232	%	50-150		1	08/05/11 11:00	08/05/11 23:52	460-00-4	S5

6010 MET ICP

Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	2340	mg/kg	92.2	13.7	50	08/14/11 16:30	08/18/11 11:12	7440-38-2	
Cadmium	ND	mg/kg	46.1	0.51	50	08/14/11 16:30	08/18/11 11:12	7440-43-9	
Lead	3220	mg/kg	4.6	0.29	5	08/14/11 16:30	08/16/11 21:11	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 1-2 **Lab ID:** 258722012 Collected: 08/03/11 08:57 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A Med Level VOA Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B									
Naphthalene	49600	ug/kg	16000	429	100	08/16/11 10:00	08/16/11 14:22	91-20-3	B
Surrogates									
Dibromofluoromethane (S)	102	%	75-116		100	08/16/11 10:00	08/16/11 14:22	1868-53-7	
Toluene-d8 (S)	100	%	74-124		100	08/16/11 10:00	08/16/11 14:22	2037-26-5	
4-Bromofluorobenzene (S)	99	%	73-128		100	08/16/11 10:00	08/16/11 14:22	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-125		100	08/16/11 10:00	08/16/11 14:22	17060-07-0	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		08/06/11 07:17	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		08/06/11 07:17	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		08/06/11 07:17	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.32	1		08/06/11 07:17	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		08/06/11 07:17	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.27	1		08/06/11 07:17	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		08/06/11 07:17	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.40	1		08/06/11 07:17	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.32	1		08/06/11 07:17	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		08/06/11 07:17	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		08/06/11 07:17	120-82-1	
1,2,4-Trimethylbenzene	163	ug/kg	3.5	0.60	1		08/06/11 07:17	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.45	1		08/06/11 07:17	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.24	1		08/06/11 07:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		08/06/11 07:17	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		08/06/11 07:17	107-06-2	
1,2-Dichloroethene (Total)	25.0	ug/kg	6.9	0.43	1		08/06/11 07:17	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/06/11 07:17	78-87-5	
1,3,5-Trimethylbenzene	54.0	ug/kg	3.5	0.37	1		08/06/11 07:17	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		08/06/11 07:17	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		08/06/11 07:17	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/06/11 07:17	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		08/06/11 07:17	594-20-7	
2-Butanone (MEK)	50.6	ug/kg	11.6	1.7	1		08/06/11 07:17	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.36	1		08/06/11 07:17	95-49-8	
2-Hexanone	ND	ug/kg	11.6	0.42	1		08/06/11 07:17	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		08/06/11 07:17	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.6	0.35	1		08/06/11 07:17	108-10-1	
Acetone	379	ug/kg	11.6	1.3	1		08/06/11 07:17	67-64-1	1n,B
Benzene	3.0J	ug/kg	3.5	0.17	1		08/06/11 07:17	71-43-2	B
Bromobenzene	ND	ug/kg	3.5	0.27	1		08/06/11 07:17	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		08/06/11 07:17	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		08/06/11 07:17	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		08/06/11 07:17	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		08/06/11 07:17	74-83-9	
Carbon disulfide	2.5J	ug/kg	3.5	0.32	1		08/06/11 07:17	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		08/06/11 07:17	56-23-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 1-2 Lab ID: 258722012 Collected: 08/03/11 08:57 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chlorobenzene	ND	ug/kg	3.5	0.21	1		08/06/11 07:17	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.33	1		08/06/11 07:17	75-00-3	
Chloroform	ND	ug/kg	3.5	0.22	1		08/06/11 07:17	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		08/06/11 07:17	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		08/06/11 07:17	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		08/06/11 07:17	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.48	1		08/06/11 07:17	75-71-8	
Ethylbenzene	8.2	ug/kg	3.5	0.44	1		08/06/11 07:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.34	1		08/06/11 07:17	87-68-3	
Isopropylbenzene (Cumene)	6.1	ug/kg	3.5	0.40	1		08/06/11 07:17	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		08/06/11 07:17	1634-04-4	
Methylene chloride	12.0	ug/kg	11.6	3.1	1		08/06/11 07:17	75-09-2	B
Styrene	ND	ug/kg	3.5	0.33	1		08/06/11 07:17	100-42-5	
Tetrachloroethene	2.4J	ug/kg	3.5	0.44	1		08/06/11 07:17	127-18-4	B
Toluene	11.7	ug/kg	3.5	0.36	1		08/06/11 07:17	108-88-3	
Trichloroethene	11.2	ug/kg	3.5	0.24	1		08/06/11 07:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		08/06/11 07:17	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.32	1		08/06/11 07:17	75-01-4	
Xylene (Total)	61.8	ug/kg	10.4	0.87	1		08/06/11 07:17	1330-20-7	
cis-1,2-Dichloroethene	21.1	ug/kg	3.5	0.24	1		08/06/11 07:17	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		08/06/11 07:17	10061-01-5	
m&p-Xylene	33.2	ug/kg	6.9	0.87	1		08/06/11 07:17	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		08/06/11 07:17	104-51-8	
n-Propylbenzene	11.2	ug/kg	3.5	0.41	1		08/06/11 07:17	103-65-1	
o-Xylene	28.6	ug/kg	3.5	0.38	1		08/06/11 07:17	95-47-6	
p-Isopropyltoluene	35.9	ug/kg	3.5	0.45	1		08/06/11 07:17	99-87-6	
sec-Butylbenzene	7.7	ug/kg	3.5	0.48	1		08/06/11 07:17	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		08/06/11 07:17	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		08/06/11 07:17	98-06-6	
trans-1,2-Dichloroethene	4.0	ug/kg	3.5	0.35	1		08/06/11 07:17	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.24	1		08/06/11 07:17	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	72-129		1		08/06/11 07:17	1868-53-7	
Toluene-d8 (S)	103	%	69-133		1		08/06/11 07:17	2037-26-5	
4-Bromofluorobenzene (S)	114	%	67-142		1		08/06/11 07:17	460-00-4	
1,2-Dichloroethane-d4 (S)	118	%	67-136		1		08/06/11 07:17	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	5.6	%	0.10	0.10	1		08/05/11 15:40		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_53 2-4 Lab ID: 258722013 Collected: 08/03/11 09:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	8.0J	mg/kg	15.9	8.0	1	08/08/11 12:05	08/09/11 01:34		
Motor Oil Range SG	ND	mg/kg	63.7	31.8	1	08/08/11 12:05	08/09/11 01:34	64742-65-0	
Surrogates									
n-Octacosane (S) SG	101	%	50-150		1	08/08/11 12:05	08/09/11 01:34	630-02-4	
o-Terphenyl (S) SG	93	%	50-150		1	08/08/11 12:05	08/09/11 01:34	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	2.0J	mg/kg	4.4	0.18	1	08/05/11 11:00	08/05/11 15:39		
Surrogates									
a,a,a-Trifluorotoluene (S)	112	%	50-150		1	08/05/11 11:00	08/05/11 15:39	98-08-8	
4-Bromofluorobenzene (S)	91	%	50-150		1	08/05/11 11:00	08/05/11 15:39	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2570	mg/kg	74.5	11.1	50	08/14/11 16:30	08/17/11 14:49	7440-38-2	
Cadmium	25.4J	mg/kg	37.3	0.41	50	08/14/11 16:30	08/17/11 14:49	7440-43-9	
Lead	3520	mg/kg	3.7	0.23	5	08/14/11 16:30	08/16/11 21:14	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.6	0.12	1		08/12/11 11:20	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.6	0.16	1		08/12/11 11:20	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.6	0.24	1		08/12/11 11:20	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.6	0.24	1		08/12/11 11:20	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.6	0.34	1		08/12/11 11:20	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.6	0.20	1		08/12/11 11:20	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.6	0.32	1		08/12/11 11:20	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.6	0.30	1		08/12/11 11:20	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.6	0.24	1		08/12/11 11:20	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.6	0.29	1		08/12/11 11:20	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.6	0.21	1		08/12/11 11:20	120-82-1	
1,2,4-Trimethylbenzene	2.2J	ug/kg	2.6	0.44	1		08/12/11 11:20	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	0.33	1		08/12/11 11:20	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.6	0.18	1		08/12/11 11:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.6	0.21	1		08/12/11 11:20	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.6	0.19	1		08/12/11 11:20	107-06-2	
1,2-Dichloroethene (Total)	7.8	ug/kg	5.1	0.32	1		08/12/11 11:20	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.6	0.15	1		08/12/11 11:20	78-87-5	
1,3,5-Trimethylbenzene	0.77J	ug/kg	2.6	0.27	1		08/12/11 11:20	108-67-8	B
1,3-Dichlorobenzene	ND	ug/kg	2.6	0.16	1		08/12/11 11:20	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.6	0.24	1		08/12/11 11:20	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.6	0.20	1		08/12/11 11:20	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.6	0.16	1		08/12/11 11:20	594-20-7	
2-Butanone (MEK)	4.5J	ug/kg	8.5	1.3	1		08/12/11 11:20	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.6	0.27	1		08/12/11 11:20	95-49-8	
2-Hexanone	ND	ug/kg	8.5	0.31	1		08/12/11 11:20	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.6	0.23	1		08/12/11 11:20	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 2-4 Lab ID: 258722013 Collected: 08/03/11 09:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.5	0.26	1		08/12/11 11:20	108-10-1	
Acetone	4.2J	ug/kg	8.5	0.94	1		08/12/11 11:20	67-64-1	
Benzene	0.54J	ug/kg	2.6	0.13	1		08/12/11 11:20	71-43-2	B
Bromobenzene	ND	ug/kg	2.6	0.20	1		08/12/11 11:20	108-86-1	
Bromochloromethane	ND	ug/kg	2.6	0.19	1		08/12/11 11:20	74-97-5	
Bromodichloromethane	ND	ug/kg	2.6	0.10	1		08/12/11 11:20	75-27-4	
Bromoform	ND	ug/kg	2.6	0.20	1		08/12/11 11:20	75-25-2	
Bromomethane	ND	ug/kg	2.6	0.27	1		08/12/11 11:20	74-83-9	
Carbon disulfide	0.46J	ug/kg	2.6	0.24	1		08/12/11 11:20	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.6	0.15	1		08/12/11 11:20	56-23-5	
Chlorobenzene	ND	ug/kg	2.6	0.16	1		08/12/11 11:20	108-90-7	
Chloroethane	ND	ug/kg	2.6	0.25	1		08/12/11 11:20	75-00-3	
Chloroform	ND	ug/kg	2.6	0.17	1		08/12/11 11:20	67-66-3	
Chloromethane	ND	ug/kg	2.6	0.18	1		08/12/11 11:20	74-87-3	
Dibromochloromethane	ND	ug/kg	2.6	0.086	1		08/12/11 11:20	124-48-1	
Dibromomethane	ND	ug/kg	2.6	0.18	1		08/12/11 11:20	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.6	0.35	1		08/12/11 11:20	75-71-8	
Ethylbenzene	0.54J	ug/kg	2.6	0.32	1		08/12/11 11:20	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	2.6	0.25	1		08/12/11 11:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.6	0.30	1		08/12/11 11:20	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.6	0.21	1		08/12/11 11:20	1634-04-4	
Methylene chloride	2.3J	ug/kg	8.5	2.3	1		08/12/11 11:20	75-09-2	
Naphthalene	9.3	ug/kg	2.6	0.47	1		08/12/11 11:20	91-20-3	
Styrene	ND	ug/kg	2.6	0.25	1		08/12/11 11:20	100-42-5	
Tetrachloroethene	ND	ug/kg	2.6	0.33	1		08/12/11 11:20	127-18-4	
Toluene	0.98J	ug/kg	2.6	0.26	1		08/12/11 11:20	108-88-3	B
Trichloroethene	1.8J	ug/kg	2.6	0.18	1		08/12/11 11:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.6	0.20	1		08/12/11 11:20	75-69-4	
Vinyl chloride	1.3J	ug/kg	2.6	0.24	1		08/12/11 11:20	75-01-4	
Xylene (Total)	2.8J	ug/kg	7.7	0.64	1		08/12/11 11:20	1330-20-7	B
cis-1,2-Dichloroethene	4.3	ug/kg	2.6	0.18	1		08/12/11 11:20	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.6	0.11	1		08/12/11 11:20	10061-01-5	
m&p-Xylene	2.1J	ug/kg	5.1	0.64	1		08/12/11 11:20	179601-23-1	B
n-Butylbenzene	0.59J	ug/kg	2.6	0.39	1		08/12/11 11:20	104-51-8	B
n-Propylbenzene	ND	ug/kg	2.6	0.30	1		08/12/11 11:20	103-65-1	
o-Xylene	0.74J	ug/kg	2.6	0.28	1		08/12/11 11:20	95-47-6	B
p-Isopropyltoluene	0.68J	ug/kg	2.6	0.33	1		08/12/11 11:20	99-87-6	B
sec-Butylbenzene	ND	ug/kg	2.6	0.36	1		08/12/11 11:20	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.6	0.22	1		08/12/11 11:20	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.6	0.29	1		08/12/11 11:20	98-06-6	
trans-1,2-Dichloroethene	3.5	ug/kg	2.6	0.26	1		08/12/11 11:20	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.6	0.18	1		08/12/11 11:20	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/12/11 11:20	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 11:20	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 2-4 **Lab ID:** 258722013 Collected: 08/03/11 09:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
<i>Surrogates</i>									
4-Bromofluorobenzene (S)	101 %		67-142		1		08/12/11 11:20	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/12/11 11:20	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	4.2 %		0.10	0.10	1		08/05/11 15:40		

Sample: SUP_SL_53 4-6 **Lab ID:** 258722014 Collected: 08/03/11 09:02 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	16.2	8.1	1	08/08/11 12:05	08/09/11 01:50		
Motor Oil Range SG	ND	mg/kg	64.8	32.4	1	08/08/11 12:05	08/09/11 01:50	64742-65-0	
<i>Surrogates</i>									
n-Octacosane (S) SG	101 %		50-150		1	08/08/11 12:05	08/09/11 01:50	630-02-4	
o-Terphenyl (S) SG	95 %		50-150		1	08/08/11 12:05	08/09/11 01:50	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.1J	mg/kg	4.4	0.17	1	08/05/11 11:00	08/05/11 16:26		
<i>Surrogates</i>									
a,a,a-Trifluorotoluene (S)	94 %		50-150		1	08/05/11 11:00	08/05/11 16:26	98-08-8	
4-Bromofluorobenzene (S)	76 %		50-150		1	08/05/11 11:00	08/05/11 16:26	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	2540	mg/kg	94.6	14.1	50	08/14/11 16:30	08/17/11 14:53	7440-38-2	
Cadmium	24.4J	mg/kg	47.3	0.52	50	08/14/11 16:30	08/17/11 14:53	7440-43-9	
Lead	3750	mg/kg	4.7	0.30	5	08/14/11 16:30	08/16/11 21:18	7439-92-1	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND	ug/kg	2.4	0.12	1		08/12/11 11:37	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.4	0.14	1		08/12/11 11:37	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.4	0.22	1		08/12/11 11:37	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.4	0.22	1		08/12/11 11:37	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.4	0.32	1		08/12/11 11:37	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.4	0.19	1		08/12/11 11:37	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.4	0.29	1		08/12/11 11:37	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.4	0.27	1		08/12/11 11:37	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.4	0.22	1		08/12/11 11:37	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.4	0.27	1		08/12/11 11:37	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.4	0.19	1		08/12/11 11:37	120-82-1	
1,2,4-Trimethylbenzene	1.0J	ug/kg	2.4	0.41	1		08/12/11 11:37	95-63-6	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 4-6 Lab ID: 258722014 Collected: 08/03/11 09:02 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.9	0.31	1		08/12/11 11:37	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.4	0.17	1		08/12/11 11:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.4	0.19	1		08/12/11 11:37	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.4	0.17	1		08/12/11 11:37	107-06-2	
1,2-Dichloroethene (Total)	2.6J	ug/kg	4.7	0.29	1		08/12/11 11:37	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.4	0.14	1		08/12/11 11:37	78-87-5	
1,3,5-Trimethylbenzene	0.31J	ug/kg	2.4	0.25	1		08/12/11 11:37	108-67-8	B
1,3-Dichlorobenzene	ND	ug/kg	2.4	0.15	1		08/12/11 11:37	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.4	0.22	1		08/12/11 11:37	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.4	0.19	1		08/12/11 11:37	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.4	0.15	1		08/12/11 11:37	594-20-7	
2-Butanone (MEK)	3.7J	ug/kg	7.9	1.2	1		08/12/11 11:37	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.4	0.25	1		08/12/11 11:37	95-49-8	
2-Hexanone	ND	ug/kg	7.9	0.28	1		08/12/11 11:37	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.4	0.21	1		08/12/11 11:37	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.9	0.24	1		08/12/11 11:37	108-10-1	
Acetone	2.9J	ug/kg	7.9	0.86	1		08/12/11 11:37	67-64-1	
Benzene	0.54J	ug/kg	2.4	0.12	1		08/12/11 11:37	71-43-2	B
Bromobenzene	ND	ug/kg	2.4	0.18	1		08/12/11 11:37	108-86-1	
Bromochloromethane	ND	ug/kg	2.4	0.17	1		08/12/11 11:37	74-97-5	
Bromodichloromethane	ND	ug/kg	2.4	0.093	1		08/12/11 11:37	75-27-4	
Bromoform	ND	ug/kg	2.4	0.18	1		08/12/11 11:37	75-25-2	
Bromomethane	ND	ug/kg	2.4	0.25	1		08/12/11 11:37	74-83-9	
Carbon disulfide	0.88J	ug/kg	2.4	0.22	1		08/12/11 11:37	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.4	0.14	1		08/12/11 11:37	56-23-5	
Chlorobenzene	ND	ug/kg	2.4	0.14	1		08/12/11 11:37	108-90-7	
Chloroethane	ND	ug/kg	2.4	0.23	1		08/12/11 11:37	75-00-3	
Chloroform	ND	ug/kg	2.4	0.15	1		08/12/11 11:37	67-66-3	
Chloromethane	ND	ug/kg	2.4	0.16	1		08/12/11 11:37	74-87-3	
Dibromochloromethane	ND	ug/kg	2.4	0.079	1		08/12/11 11:37	124-48-1	
Dibromomethane	ND	ug/kg	2.4	0.16	1		08/12/11 11:37	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.4	0.33	1		08/12/11 11:37	75-71-8	
Ethylbenzene	0.43J	ug/kg	2.4	0.30	1		08/12/11 11:37	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	2.4	0.23	1		08/12/11 11:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.4	0.27	1		08/12/11 11:37	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.4	0.20	1		08/12/11 11:37	1634-04-4	
Methylene chloride	ND	ug/kg	7.9	2.1	1		08/12/11 11:37	75-09-2	
Naphthalene	4.1	ug/kg	2.4	0.43	1		08/12/11 11:37	91-20-3	
Styrene	ND	ug/kg	2.4	0.23	1		08/12/11 11:37	100-42-5	
Tetrachloroethene	ND	ug/kg	2.4	0.30	1		08/12/11 11:37	127-18-4	
Toluene	0.84J	ug/kg	2.4	0.24	1		08/12/11 11:37	108-88-3	B
Trichloroethene	1.0J	ug/kg	2.4	0.17	1		08/12/11 11:37	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.4	0.18	1		08/12/11 11:37	75-69-4	
Vinyl chloride	1.0J	ug/kg	2.4	0.22	1		08/12/11 11:37	75-01-4	
Xylene (Total)	2.1J	ug/kg	7.1	0.59	1		08/12/11 11:37	1330-20-7	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 4-6 **Lab ID:** 258722014 Collected: 08/03/11 09:02 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	1.4J	ug/kg	2.4	0.16	1		08/12/11 11:37	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.4	0.10	1		08/12/11 11:37	10061-01-5	
m&p-Xylene	1.7J	ug/kg	4.7	0.59	1		08/12/11 11:37	179601-23-1	B
n-Butylbenzene	ND	ug/kg	2.4	0.36	1		08/12/11 11:37	104-51-8	
n-Propylbenzene	ND	ug/kg	2.4	0.28	1		08/12/11 11:37	103-65-1	
o-Xylene	0.46J	ug/kg	2.4	0.26	1		08/12/11 11:37	95-47-6	B
p-Isopropyltoluene	0.46J	ug/kg	2.4	0.30	1		08/12/11 11:37	99-87-6	B
sec-Butylbenzene	ND	ug/kg	2.4	0.33	1		08/12/11 11:37	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.4	0.20	1		08/12/11 11:37	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.4	0.27	1		08/12/11 11:37	98-06-6	
trans-1,2-Dichloroethene	1.1J	ug/kg	2.4	0.24	1		08/12/11 11:37	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.4	0.17	1		08/12/11 11:37	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/12/11 11:37	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 11:37	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/12/11 11:37	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/12/11 11:37	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	5.6 %		0.10	0.10	1		08/05/11 15:41		

Sample: SUP_SL_53 6-8 **Lab ID:** 258722015 Collected: 08/03/11 09:05 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	186	mg/kg	21.9	11.0	1	08/08/11 12:05	08/09/11 02:55		
Motor Oil Range SG	185	mg/kg	87.7	43.9	1	08/08/11 12:05	08/09/11 02:55	64742-65-0	
Surrogates									
n-Octacosane (S) SG	83 %		50-150		1	08/08/11 12:05	08/09/11 02:55	630-02-4	
o-Terphenyl (S) SG	72 %		50-150		1	08/08/11 12:05	08/09/11 02:55	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	3.3J	mg/kg	9.3	0.37	1	08/05/11 11:00	08/05/11 17:13		
Surrogates									
a,a,a-Trifluorotoluene (S)	107 %		50-150		1	08/05/11 11:00	08/05/11 17:13	98-08-8	
4-Bromofluorobenzene (S)	86 %		50-150		1	08/05/11 11:00	08/05/11 17:13	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	26.5	mg/kg	11.9	1.8	5	08/14/11 16:30	08/16/11 21:29	7440-38-2	
Cadmium	ND	mg/kg	6.0	0.066	5	08/14/11 16:30	08/16/11 21:29	7440-43-9	
Lead	26.7	mg/kg	1.2	0.075	1	08/14/11 16:30	08/16/11 22:46	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 6-8 Lab ID: 258722015 Collected: 08/03/11 09:05 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	0.22	1		08/12/11 11:54	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.5	0.27	1		08/12/11 11:54	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	0.41	1		08/12/11 11:54	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.5	0.41	1		08/12/11 11:54	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	0.60	1		08/12/11 11:54	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.5	0.35	1		08/12/11 11:54	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.5	0.55	1		08/12/11 11:54	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.5	0.52	1		08/12/11 11:54	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	0.41	1		08/12/11 11:54	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.5	0.51	1		08/12/11 11:54	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	0.36	1		08/12/11 11:54	120-82-1	
1,2,4-Trimethylbenzene	0.95J	ug/kg	4.5	0.77	1		08/12/11 11:54	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	0.58	1		08/12/11 11:54	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	0.31	1		08/12/11 11:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	0.37	1		08/12/11 11:54	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.5	0.33	1		08/12/11 11:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.9	0.55	1		08/12/11 11:54	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.5	0.27	1		08/12/11 11:54	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	0.47	1		08/12/11 11:54	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.5	0.28	1		08/12/11 11:54	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.5	0.41	1		08/12/11 11:54	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.5	0.36	1		08/12/11 11:54	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.5	0.28	1		08/12/11 11:54	594-20-7	
2-Butanone (MEK)	15.6	ug/kg	14.8	2.2	1		08/12/11 11:54	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.5	0.47	1		08/12/11 11:54	95-49-8	
2-Hexanone	ND	ug/kg	14.8	0.53	1		08/12/11 11:54	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.5	0.39	1		08/12/11 11:54	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.8	0.45	1		08/12/11 11:54	108-10-1	
Acetone	26.2	ug/kg	14.8	1.6	1		08/12/11 11:54	67-64-1	1n
Benzene	1.3J	ug/kg	4.5	0.22	1		08/12/11 11:54	71-43-2	B
Bromobenzene	ND	ug/kg	4.5	0.35	1		08/12/11 11:54	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	0.33	1		08/12/11 11:54	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	0.17	1		08/12/11 11:54	75-27-4	
Bromoform	ND	ug/kg	4.5	0.34	1		08/12/11 11:54	75-25-2	
Bromomethane	ND	ug/kg	4.5	0.47	1		08/12/11 11:54	74-83-9	
Carbon disulfide	ND	ug/kg	4.5	0.41	1		08/12/11 11:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	0.27	1		08/12/11 11:54	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	0.27	1		08/12/11 11:54	108-90-7	
Chloroethane	ND	ug/kg	4.5	0.43	1		08/12/11 11:54	75-00-3	
Chloroform	ND	ug/kg	4.5	0.29	1		08/12/11 11:54	67-66-3	
Chloromethane	ND	ug/kg	4.5	0.31	1		08/12/11 11:54	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	0.15	1		08/12/11 11:54	124-48-1	
Dibromomethane	ND	ug/kg	4.5	0.31	1		08/12/11 11:54	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.5	0.62	1		08/12/11 11:54	75-71-8	
Ethylbenzene	0.67J	ug/kg	4.5	0.56	1		08/12/11 11:54	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 6-8 **Lab ID:** 258722015 Collected: 08/03/11 09:05 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	0.44	1		08/12/11 11:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	0.51	1		08/12/11 11:54	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	0.37	1		08/12/11 11:54	1634-04-4	
Methylene chloride	ND	ug/kg	14.8	3.9	1		08/12/11 11:54	75-09-2	
Naphthalene	ND	ug/kg	4.5	0.81	1		08/12/11 11:54	91-20-3	
Styrene	ND	ug/kg	4.5	0.43	1		08/12/11 11:54	100-42-5	
Tetrachloroethene	ND	ug/kg	4.5	0.57	1		08/12/11 11:54	127-18-4	
Toluene	1.1J	ug/kg	4.5	0.46	1		08/12/11 11:54	108-88-3	B
Trichloroethene	ND	ug/kg	4.5	0.31	1		08/12/11 11:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	0.34	1		08/12/11 11:54	75-69-4	
Vinyl chloride	ND	ug/kg	4.5	0.42	1		08/12/11 11:54	75-01-4	
Xylene (Total)	3.2J	ug/kg	13.4	1.1	1		08/12/11 11:54	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.5	0.31	1		08/12/11 11:54	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	0.19	1		08/12/11 11:54	10061-01-5	
m&p-Xylene	2.6J	ug/kg	8.9	1.1	1		08/12/11 11:54	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.5	0.68	1		08/12/11 11:54	104-51-8	
n-Propylbenzene	ND	ug/kg	4.5	0.52	1		08/12/11 11:54	103-65-1	
o-Xylene	0.67J	ug/kg	4.5	0.48	1		08/12/11 11:54	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.5	0.57	1		08/12/11 11:54	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.5	0.62	1		08/12/11 11:54	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.5	0.38	1		08/12/11 11:54	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.5	0.51	1		08/12/11 11:54	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	0.44	1		08/12/11 11:54	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	0.31	1		08/12/11 11:54	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/12/11 11:54	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 11:54	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/12/11 11:54	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		67-136		1		08/12/11 11:54	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	31.8 %		0.10	0.10	1		08/05/11 15:42		

Sample: SUP_SL_53 8-10 **Lab ID:** 258722016 Collected: 08/03/11 09:10 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	21.9	11.0	1	08/08/11 12:05	08/09/11 03:11		
Motor Oil Range SG	79.0J	mg/kg	87.7	43.9	1	08/08/11 12:05	08/09/11 03:11	64742-65-0	
Surrogates									
n-Octacosane (S) SG	92 %		50-150		1	08/08/11 12:05	08/09/11 03:11	630-02-4	
o-Terphenyl (S) SG	85 %		50-150		1	08/08/11 12:05	08/09/11 03:11	84-15-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_53 8-10 Lab ID: 258722016 Collected: 08/03/11 09:10 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCX									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	2.4J	mg/kg	6.8	0.27	1	08/05/11 11:00	08/05/11 17:37		
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	50-150		1	08/05/11 11:00	08/05/11 17:37	98-08-8	
4-Bromofluorobenzene (S)	82	%	50-150		1	08/05/11 11:00	08/05/11 17:37	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	319	mg/kg	10.2	1.5	5	08/14/11 16:30	08/16/11 21:33	7440-38-2	
Cadmium	2.8J	mg/kg	5.1	0.056	5	08/14/11 16:30	08/16/11 21:33	7440-43-9	
Lead	250	mg/kg	1.0	0.065	1	08/14/11 16:30	08/16/11 22:57	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	0.21	1		08/12/11 12:11	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.3	0.26	1		08/12/11 12:11	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	0.40	1		08/12/11 12:11	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.3	0.40	1		08/12/11 12:11	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	0.57	1		08/12/11 12:11	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.3	0.34	1		08/12/11 12:11	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.3	0.53	1		08/12/11 12:11	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.3	0.50	1		08/12/11 12:11	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	0.40	1		08/12/11 12:11	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.3	0.49	1		08/12/11 12:11	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	0.35	1		08/12/11 12:11	120-82-1	
1,2,4-Trimethylbenzene	1.7J	ug/kg	4.3	0.74	1		08/12/11 12:11	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	0.56	1		08/12/11 12:11	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	0.30	1		08/12/11 12:11	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	0.35	1		08/12/11 12:11	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.3	0.32	1		08/12/11 12:11	107-06-2	
1,2-Dichloroethene (Total)	1.0J	ug/kg	8.6	0.53	1		08/12/11 12:11	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.3	0.26	1		08/12/11 12:11	78-87-5	
1,3,5-Trimethylbenzene	0.53J	ug/kg	4.3	0.46	1		08/12/11 12:11	108-67-8	B
1,3-Dichlorobenzene	ND	ug/kg	4.3	0.27	1		08/12/11 12:11	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.3	0.40	1		08/12/11 12:11	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.3	0.34	1		08/12/11 12:11	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.3	0.27	1		08/12/11 12:11	594-20-7	
2-Butanone (MEK)	28.4	ug/kg	14.3	2.2	1		08/12/11 12:11	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.3	0.45	1		08/12/11 12:11	95-49-8	
2-Hexanone	ND	ug/kg	14.3	0.51	1		08/12/11 12:11	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.3	0.38	1		08/12/11 12:11	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.3	0.43	1		08/12/11 12:11	108-10-1	
Acetone	71.3	ug/kg	14.3	1.6	1		08/12/11 12:11	67-64-1	1n
Benzene	1.2J	ug/kg	4.3	0.21	1		08/12/11 12:11	71-43-2	B
Bromobenzene	ND	ug/kg	4.3	0.33	1		08/12/11 12:11	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	0.31	1		08/12/11 12:11	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	0.17	1		08/12/11 12:11	75-27-4	
Bromoform	ND	ug/kg	4.3	0.33	1		08/12/11 12:11	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 8-10 Lab ID: 258722016 Collected: 08/03/11 09:10 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	4.3	0.45	1		08/12/11 12:11	74-83-9	
Carbon disulfide	145	ug/kg	4.3	0.40	1		08/12/11 12:11	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	0.26	1		08/12/11 12:11	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	0.26	1		08/12/11 12:11	108-90-7	
Chloroethane	ND	ug/kg	4.3	0.41	1		08/12/11 12:11	75-00-3	
Chloroform	ND	ug/kg	4.3	0.28	1		08/12/11 12:11	67-66-3	
Chloromethane	ND	ug/kg	4.3	0.29	1		08/12/11 12:11	74-87-3	
Dibromochloromethane	ND	ug/kg	4.3	0.14	1		08/12/11 12:11	124-48-1	
Dibromomethane	ND	ug/kg	4.3	0.30	1		08/12/11 12:11	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.3	0.59	1		08/12/11 12:11	75-71-8	
Ethylbenzene	0.68J	ug/kg	4.3	0.54	1		08/12/11 12:11	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	0.42	1		08/12/11 12:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	0.49	1		08/12/11 12:11	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.3	0.36	1		08/12/11 12:11	1634-04-4	
Methylene chloride	ND	ug/kg	14.3	3.8	1		08/12/11 12:11	75-09-2	
Naphthalene	5.2	ug/kg	4.3	0.78	1		08/12/11 12:11	91-20-3	
Styrene	ND	ug/kg	4.3	0.41	1		08/12/11 12:11	100-42-5	
Tetrachloroethene	ND	ug/kg	4.3	0.55	1		08/12/11 12:11	127-18-4	
Toluene	1.4J	ug/kg	4.3	0.44	1		08/12/11 12:11	108-88-3	B
Trichloroethene	ND	ug/kg	4.3	0.30	1		08/12/11 12:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	0.33	1		08/12/11 12:11	75-69-4	
Vinyl chloride	ND	ug/kg	4.3	0.40	1		08/12/11 12:11	75-01-4	
Xylene (Total)	3.1J	ug/kg	12.8	1.1	1		08/12/11 12:11	1330-20-7	B
cis-1,2-Dichloroethene	1.0J	ug/kg	4.3	0.30	1		08/12/11 12:11	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	0.19	1		08/12/11 12:11	10061-01-5	
m&p-Xylene	2.4J	ug/kg	8.6	1.1	1		08/12/11 12:11	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.3	0.65	1		08/12/11 12:11	104-51-8	
n-Propylbenzene	ND	ug/kg	4.3	0.50	1		08/12/11 12:11	103-65-1	
o-Xylene	0.67J	ug/kg	4.3	0.46	1		08/12/11 12:11	95-47-6	B
p-Isopropyltoluene	1.1J	ug/kg	4.3	0.55	1		08/12/11 12:11	99-87-6	B
sec-Butylbenzene	ND	ug/kg	4.3	0.60	1		08/12/11 12:11	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.3	0.37	1		08/12/11 12:11	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.3	0.49	1		08/12/11 12:11	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	0.43	1		08/12/11 12:11	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	0.30	1		08/12/11 12:11	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/12/11 12:11	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/12/11 12:11	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/12/11 12:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/12/11 12:11	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.8	%	0.10	0.10	1		08/05/11 15:42		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_53 10-12 Lab ID: 258722017 Collected: 08/03/11 09:15 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	23.5	11.7	1	08/08/11 12:05	08/09/11 03:27		
Motor Oil Range SG	ND	mg/kg	93.8	46.9	1	08/08/11 12:05	08/09/11 03:27	64742-65-0	
Surrogates									
n-Octacosane (S) SG	87 %		50-150		1	08/08/11 12:05	08/09/11 03:27	630-02-4	
o-Terphenyl (S) SG	85 %		50-150		1	08/08/11 12:05	08/09/11 03:27	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.9J	mg/kg	12.8	0.51	1	08/05/11 11:00	08/05/11 18:00		
Surrogates									
a,a,a-Trifluorotoluene (S)	109 %		50-150		1	08/05/11 11:00	08/05/11 18:00	98-08-8	
4-Bromofluorobenzene (S)	86 %		50-150		1	08/05/11 11:00	08/05/11 18:00	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	54.1	mg/kg	13.7	2.0	5	08/14/11 16:30	08/16/11 21:36	7440-38-2	
Cadmium	ND	mg/kg	6.9	0.076	5	08/14/11 16:30	08/16/11 21:36	7440-43-9	
Lead	8.3	mg/kg	1.4	0.086	1	08/14/11 16:30	08/16/11 23:01	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	0.24	1		08/12/11 12:28	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.9	0.30	1		08/12/11 12:28	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	0.46	1		08/12/11 12:28	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.9	0.46	1		08/12/11 12:28	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	0.66	1		08/12/11 12:28	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.9	0.39	1		08/12/11 12:28	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.9	0.61	1		08/12/11 12:28	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.9	0.57	1		08/12/11 12:28	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	0.46	1		08/12/11 12:28	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.9	0.56	1		08/12/11 12:28	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	0.40	1		08/12/11 12:28	120-82-1	
1,2,4-Trimethylbenzene	1.2J	ug/kg	4.9	0.85	1		08/12/11 12:28	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	0.64	1		08/12/11 12:28	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	0.35	1		08/12/11 12:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	0.41	1		08/12/11 12:28	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.9	0.36	1		08/12/11 12:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.9	0.61	1		08/12/11 12:28	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.9	0.30	1		08/12/11 12:28	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	0.52	1		08/12/11 12:28	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.9	0.31	1		08/12/11 12:28	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.9	0.46	1		08/12/11 12:28	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.9	0.39	1		08/12/11 12:28	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.9	0.31	1		08/12/11 12:28	594-20-7	
2-Butanone (MEK)	20.1	ug/kg	16.4	2.5	1		08/12/11 12:28	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.9	0.52	1		08/12/11 12:28	95-49-8	
2-Hexanone	ND	ug/kg	16.4	0.59	1		08/12/11 12:28	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.9	0.44	1		08/12/11 12:28	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 10-12 Lab ID: 258722017 Collected: 08/03/11 09:15 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.4	0.50	1		08/12/11 12:28	108-10-1	
Acetone	42.5	ug/kg	16.4	1.8	1		08/12/11 12:28	67-64-1	1n
Benzene	1.2J	ug/kg	4.9	0.25	1		08/12/11 12:28	71-43-2	B
Bromobenzene	ND	ug/kg	4.9	0.39	1		08/12/11 12:28	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	0.36	1		08/12/11 12:28	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	0.19	1		08/12/11 12:28	75-27-4	
Bromoform	ND	ug/kg	4.9	0.38	1		08/12/11 12:28	75-25-2	
Bromomethane	ND	ug/kg	4.9	0.52	1		08/12/11 12:28	74-83-9	
Carbon disulfide	4.9	ug/kg	4.9	0.46	1		08/12/11 12:28	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	0.30	1		08/12/11 12:28	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	0.30	1		08/12/11 12:28	108-90-7	
Chloroethane	ND	ug/kg	4.9	0.48	1		08/12/11 12:28	75-00-3	
Chloroform	ND	ug/kg	4.9	0.32	1		08/12/11 12:28	67-66-3	
Chloromethane	ND	ug/kg	4.9	0.34	1		08/12/11 12:28	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	0.17	1		08/12/11 12:28	124-48-1	
Dibromomethane	ND	ug/kg	4.9	0.34	1		08/12/11 12:28	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.9	0.68	1		08/12/11 12:28	75-71-8	
Ethylbenzene	0.69J	ug/kg	4.9	0.62	1		08/12/11 12:28	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	0.49	1		08/12/11 12:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	0.57	1		08/12/11 12:28	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.9	0.41	1		08/12/11 12:28	1634-04-4	
Methylene chloride	ND	ug/kg	16.4	4.3	1		08/12/11 12:28	75-09-2	
Naphthalene	ND	ug/kg	4.9	0.90	1		08/12/11 12:28	91-20-3	
Styrene	ND	ug/kg	4.9	0.47	1		08/12/11 12:28	100-42-5	
Tetrachloroethene	ND	ug/kg	4.9	0.63	1		08/12/11 12:28	127-18-4	
Toluene	1.4J	ug/kg	4.9	0.51	1		08/12/11 12:28	108-88-3	B
Trichloroethene	ND	ug/kg	4.9	0.35	1		08/12/11 12:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	0.38	1		08/12/11 12:28	75-69-4	
Vinyl chloride	ND	ug/kg	4.9	0.46	1		08/12/11 12:28	75-01-4	
Xylene (Total)	3.5J	ug/kg	14.8	1.2	1		08/12/11 12:28	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.9	0.34	1		08/12/11 12:28	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	0.21	1		08/12/11 12:28	10061-01-5	
m&p-Xylene	2.8J	ug/kg	9.9	1.2	1		08/12/11 12:28	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.9	0.75	1		08/12/11 12:28	104-51-8	
n-Propylbenzene	ND	ug/kg	4.9	0.58	1		08/12/11 12:28	103-65-1	
o-Xylene	0.71J	ug/kg	4.9	0.54	1		08/12/11 12:28	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.9	0.63	1		08/12/11 12:28	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.9	0.69	1		08/12/11 12:28	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.9	0.43	1		08/12/11 12:28	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.9	0.57	1		08/12/11 12:28	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	0.49	1		08/12/11 12:28	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	0.35	1		08/12/11 12:28	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/12/11 12:28	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 12:28	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_53 10-12 **Lab ID:** 258722017 Collected: 08/03/11 09:15 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	102 %		67-142		1		08/12/11 12:28	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		67-136		1		08/12/11 12:28	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	36.7 %		0.10	0.10	1		08/05/11 15:45		

Sample: SUP_SL_53 12-14 **Lab ID:** 258722018 Collected: 08/03/11 09:20 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	20.7	10.3	1	08/08/11 12:05	08/09/11 04:15		
Motor Oil Range SG	ND	mg/kg	82.6	41.3	1	08/08/11 12:05	08/09/11 04:15	64742-65-0	
Surrogates									
n-Octacosane (S) SG	87 %		50-150		1	08/08/11 12:05	08/09/11 04:15	630-02-4	
o-Terphenyl (S) SG	86 %		50-150		1	08/08/11 12:05	08/09/11 04:15	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.93J	mg/kg	8.4	0.34	1	08/05/11 11:00	08/05/11 18:47		
Surrogates									
a,a,a-Trifluorotoluene (S)	108 %		50-150		1	08/05/11 11:00	08/05/11 18:47	98-08-8	
4-Bromofluorobenzene (S)	83 %		50-150		1	08/05/11 11:00	08/05/11 18:47	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	71.0	mg/kg	11.7	1.7	5	08/14/11 16:30	08/16/11 21:40	7440-38-2	
Cadmium	0.15J	mg/kg	5.9	0.064	5	08/14/11 16:30	08/16/11 21:40	7440-43-9	
Lead	53.1	mg/kg	1.2	0.074	1	08/14/11 16:30	08/16/11 23:04	7439-92-1	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	0.19	1		08/11/11 15:42	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.9	0.24	1		08/11/11 15:42	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	0.36	1		08/11/11 15:42	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.9	0.36	1		08/11/11 15:42	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.9	0.52	1		08/11/11 15:42	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.9	0.30	1		08/11/11 15:42	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.9	0.48	1		08/11/11 15:42	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.9	0.45	1		08/11/11 15:42	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	0.36	1		08/11/11 15:42	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.9	0.44	1		08/11/11 15:42	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	0.31	1		08/11/11 15:42	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	0.67	1		08/11/11 15:42	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 12-14 Lab ID: 258722018 Collected: 08/03/11 09:20 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	0.50	1		08/11/11 15:42	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	0.27	1		08/11/11 15:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	0.32	1		08/11/11 15:42	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.9	0.29	1		08/11/11 15:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.7	0.48	1		08/11/11 15:42	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.9	0.23	1		08/11/11 15:42	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	0.41	1		08/11/11 15:42	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.9	0.24	1		08/11/11 15:42	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.9	0.36	1		08/11/11 15:42	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.9	0.31	1		08/11/11 15:42	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		08/11/11 15:42	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.8	1.9	1		08/11/11 15:42	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.9	0.40	1		08/11/11 15:42	95-49-8	
2-Hexanone	ND	ug/kg	12.8	0.46	1		08/11/11 15:42	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.9	0.34	1		08/11/11 15:42	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.8	0.39	1		08/11/11 15:42	108-10-1	
Acetone	21.8	ug/kg	12.8	1.4	1		08/11/11 15:42	67-64-1	1n,B
Benzene	0.30J	ug/kg	3.9	0.19	1		08/11/11 15:42	71-43-2	B
Bromobenzene	ND	ug/kg	3.9	0.30	1		08/11/11 15:42	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	0.28	1		08/11/11 15:42	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	0.15	1		08/11/11 15:42	75-27-4	
Bromoform	ND	ug/kg	3.9	0.30	1		08/11/11 15:42	75-25-2	
Bromomethane	ND	ug/kg	3.9	0.41	1		08/11/11 15:42	74-83-9	
Carbon disulfide	1.8J	ug/kg	3.9	0.36	1		08/11/11 15:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	0.23	1		08/11/11 15:42	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	0.24	1		08/11/11 15:42	108-90-7	
Chloroethane	ND	ug/kg	3.9	0.37	1		08/11/11 15:42	75-00-3	
Chloroform	ND	ug/kg	3.9	0.25	1		08/11/11 15:42	67-66-3	
Chloromethane	ND	ug/kg	3.9	0.26	1		08/11/11 15:42	74-87-3	
Dibromochloromethane	ND	ug/kg	3.9	0.13	1		08/11/11 15:42	124-48-1	
Dibromomethane	ND	ug/kg	3.9	0.27	1		08/11/11 15:42	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.9	0.53	1		08/11/11 15:42	75-71-8	
Ethylbenzene	ND	ug/kg	3.9	0.49	1		08/11/11 15:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	0.38	1		08/11/11 15:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	0.45	1		08/11/11 15:42	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.9	0.32	1		08/11/11 15:42	1634-04-4	
Methylene chloride	ND	ug/kg	12.8	3.4	1		08/11/11 15:42	75-09-2	
Naphthalene	ND	ug/kg	3.9	0.70	1		08/11/11 15:42	91-20-3	
Styrene	ND	ug/kg	3.9	0.37	1		08/11/11 15:42	100-42-5	
Tetrachloroethene	ND	ug/kg	3.9	0.49	1		08/11/11 15:42	127-18-4	
Toluene	ND	ug/kg	3.9	0.40	1		08/11/11 15:42	108-88-3	
Trichloroethene	ND	ug/kg	3.9	0.27	1		08/11/11 15:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	0.29	1		08/11/11 15:42	75-69-4	
Vinyl chloride	ND	ug/kg	3.9	0.36	1		08/11/11 15:42	75-01-4	
Xylene (Total)	ND	ug/kg	11.6	0.96	1		08/11/11 15:42	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 12-14 Lab ID: 258722018 Collected: 08/03/11 09:20 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.9	0.27	1		08/11/11 15:42	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	0.17	1		08/11/11 15:42	10061-01-5	
m&p-Xylene	ND	ug/kg	7.7	0.96	1		08/11/11 15:42	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.9	0.59	1		08/11/11 15:42	104-51-8	
n-Propylbenzene	ND	ug/kg	3.9	0.45	1		08/11/11 15:42	103-65-1	
o-Xylene	ND	ug/kg	3.9	0.42	1		08/11/11 15:42	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.9	0.49	1		08/11/11 15:42	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.9	0.54	1		08/11/11 15:42	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.9	0.33	1		08/11/11 15:42	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.9	0.44	1		08/11/11 15:42	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	0.39	1		08/11/11 15:42	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	0.27	1		08/11/11 15:42	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104 %		72-129		1		08/11/11 15:42	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/11/11 15:42	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/11/11 15:42	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/11/11 15:42	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.0 %		0.10	0.10	1		08/05/11 15:46		

Sample: SUP_SL_53 14-16 Lab ID: 258722019 Collected: 08/03/11 09:22 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	18.9	9.4	1	08/10/11 15:40	08/15/11 19:06		
Motor Oil Range SG	ND	mg/kg	75.5	37.8	1	08/10/11 15:40	08/15/11 19:06	64742-65-0	
Surrogates									
n-Octacosane (S) SG	90 %		50-150		1	08/10/11 15:40	08/15/11 19:06	630-02-4	
o-Terphenyl (S) SG	81 %		50-150		1	08/10/11 15:40	08/15/11 19:06	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.69J	mg/kg	6.7	0.27	1	08/05/11 11:00	08/05/11 19:10		
Surrogates									
a,a,a-Trifluorotoluene (S)	109 %		50-150		1	08/05/11 11:00	08/05/11 19:10	98-08-8	
4-Bromofluorobenzene (S)	87 %		50-150		1	08/05/11 11:00	08/05/11 19:10	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	10.4	mg/kg	2.2	0.33	1	08/14/11 16:30	08/16/11 23:08	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	08/14/11 16:30	08/16/11 23:08	7440-43-9	
Lead	1.8	mg/kg	1.1	0.071	1	08/14/11 16:30	08/16/11 23:08	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_53 14-16 Lab ID: 258722019 Collected: 08/03/11 09:22 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.16	1		08/12/11 12:45	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.20	1		08/12/11 12:45	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.30	1		08/12/11 12:45	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.30	1		08/12/11 12:45	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.43	1		08/12/11 12:45	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.26	1		08/12/11 12:45	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.40	1		08/12/11 12:45	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.2	0.38	1		08/12/11 12:45	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.30	1		08/12/11 12:45	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.37	1		08/12/11 12:45	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		08/12/11 12:45	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.56	1		08/12/11 12:45	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	0.42	1		08/12/11 12:45	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.23	1		08/12/11 12:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.27	1		08/12/11 12:45	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.24	1		08/12/11 12:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.5	0.40	1		08/12/11 12:45	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.19	1		08/12/11 12:45	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		08/12/11 12:45	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.20	1		08/12/11 12:45	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.30	1		08/12/11 12:45	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		08/12/11 12:45	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		08/12/11 12:45	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.8	1.6	1		08/12/11 12:45	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.34	1		08/12/11 12:45	95-49-8	
2-Hexanone	ND	ug/kg	10.8	0.39	1		08/12/11 12:45	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.29	1		08/12/11 12:45	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	0.33	1		08/12/11 12:45	108-10-1	
Acetone	14.3	ug/kg	10.8	1.2	1		08/12/11 12:45	67-64-1	1n
Benzene	0.56J	ug/kg	3.2	0.16	1		08/12/11 12:45	71-43-2	B
Bromobenzene	ND	ug/kg	3.2	0.25	1		08/12/11 12:45	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.24	1		08/12/11 12:45	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.13	1		08/12/11 12:45	75-27-4	
Bromoform	ND	ug/kg	3.2	0.25	1		08/12/11 12:45	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		08/12/11 12:45	74-83-9	
Carbon disulfide	1.9J	ug/kg	3.2	0.30	1		08/12/11 12:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.2	0.20	1		08/12/11 12:45	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.20	1		08/12/11 12:45	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.31	1		08/12/11 12:45	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		08/12/11 12:45	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		08/12/11 12:45	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		08/12/11 12:45	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.22	1		08/12/11 12:45	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.45	1		08/12/11 12:45	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.41	1		08/12/11 12:45	100-41-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_53 14-16 **Lab ID: 258722019** Collected: 08/03/11 09:22 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.32	1		08/12/11 12:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		08/12/11 12:45	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.27	1		08/12/11 12:45	1634-04-4	
Methylene chloride	ND	ug/kg	10.8	2.8	1		08/12/11 12:45	75-09-2	
Naphthalene	ND	ug/kg	3.2	0.59	1		08/12/11 12:45	91-20-3	
Styrene	ND	ug/kg	3.2	0.31	1		08/12/11 12:45	100-42-5	
Tetrachloroethene	ND	ug/kg	3.2	0.41	1		08/12/11 12:45	127-18-4	
Toluene	0.65J	ug/kg	3.2	0.33	1		08/12/11 12:45	108-88-3	B
Trichloroethene	ND	ug/kg	3.2	0.23	1		08/12/11 12:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.25	1		08/12/11 12:45	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		08/12/11 12:45	75-01-4	
Xylene (Total)	1.8J	ug/kg	9.7	0.81	1		08/12/11 12:45	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.22	1		08/12/11 12:45	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		08/12/11 12:45	10061-01-5	
m&p-Xylene	1.5J	ug/kg	6.5	0.81	1		08/12/11 12:45	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.2	0.49	1		08/12/11 12:45	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.38	1		08/12/11 12:45	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.35	1		08/12/11 12:45	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.2	0.41	1		08/12/11 12:45	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.45	1		08/12/11 12:45	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.28	1		08/12/11 12:45	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.37	1		08/12/11 12:45	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		08/12/11 12:45	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.23	1		08/12/11 12:45	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109 %		72-129		1		08/12/11 12:45	1868-53-7	
Toluene-d8 (S)	94 %		69-133		1		08/12/11 12:45	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/12/11 12:45	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/12/11 12:45	17060-07-0	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture **21.9 %** 0.10 0.10 1 08/05/11 15:46

Sample: SUP_SL_55 0-1 **Lab ID: 258722020** Collected: 08/03/11 09:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	10100	mg/kg	174	86.9	10	08/10/11 15:40	08/16/11 04:28		
Motor Oil Range SG	14600	mg/kg	695	348	10	08/10/11 15:40	08/16/11 04:28	64742-65-0	
Surrogates									
n-Octacosane (S) SG	0 %		50-150		10	08/10/11 15:40	08/16/11 04:28	630-02-4	S4
o-Terphenyl (S) SG	0 %		50-150		10	08/10/11 15:40	08/16/11 04:28	84-15-1	S4

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 0-1 Lab ID: 258722020 Collected: 08/03/11 09:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	11.0	mg/kg	4.4	0.17	1	08/05/11 11:00	08/05/11 19:33		
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	50-150		1	08/05/11 11:00	08/05/11 19:33	98-08-8	
4-Bromofluorobenzene (S)	85	%	50-150		1	08/05/11 11:00	08/05/11 19:33	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1450	mg/kg	32.5	4.8	20	08/14/11 16:30	08/17/11 14:56	7440-38-2	
Cadmium	ND	mg/kg	16.3	0.18	20	08/14/11 16:30	08/17/11 14:56	7440-43-9	
Lead	1600	mg/kg	0.81	0.051	1	08/14/11 16:30	08/16/11 23:11	7439-92-1	
8260 MSV 5035A Med Level VOA									
Analytical Method: EPA 8260 Preparation Method: EPA 5035A/5030B									
1,2,4-Trimethylbenzene	16.6J	ug/kg	44.2	2.0	1	08/12/11 08:00	08/16/11 12:52	95-63-6	B
Naphthalene	55.5J	ug/kg	88.4	2.4	1	08/12/11 08:00	08/16/11 12:52	91-20-3	B
Surrogates									
Dibromofluoromethane (S)	97	%	75-116		1	08/12/11 08:00	08/16/11 12:52	1868-53-7	
Toluene-d8 (S)	99	%	74-124		1	08/12/11 08:00	08/16/11 12:52	2037-26-5	
4-Bromofluorobenzene (S)	95	%	73-128		1	08/12/11 08:00	08/16/11 12:52	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-125		1	08/12/11 08:00	08/16/11 12:52	17060-07-0	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.18	1		08/11/11 15:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		08/11/11 15:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		08/11/11 15:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.35	1		08/11/11 15:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.50	1		08/11/11 15:58	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		08/11/11 15:58	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.46	1		08/11/11 15:58	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.44	1		08/11/11 15:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		08/11/11 15:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.43	1		08/11/11 15:58	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.30	1		08/11/11 15:58	120-82-1	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	0.49	1		08/11/11 15:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.26	1		08/11/11 15:58	106-93-4	
1,2-Dichlorobenzene	2.6J	ug/kg	3.8	0.31	1		08/11/11 15:58	95-50-1	B
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		08/11/11 15:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.5	0.46	1		08/11/11 15:58	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/11/11 15:58	78-87-5	
1,3,5-Trimethylbenzene	177	ug/kg	3.8	0.40	1		08/11/11 15:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		08/11/11 15:58	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		08/11/11 15:58	142-28-9	
1,4-Dichlorobenzene	3.4J	ug/kg	3.8	0.30	1		08/11/11 15:58	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/11/11 15:58	594-20-7	
2-Butanone (MEK)	49.8	ug/kg	12.5	1.9	1		08/11/11 15:58	78-93-3	B
2-Chlorotoluene	ND	ug/kg	3.8	0.39	1		08/11/11 15:58	95-49-8	
2-Hexanone	ND	ug/kg	12.5	0.45	1		08/11/11 15:58	591-78-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 0-1 Lab ID: 258722020 Collected: 08/03/11 09:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Chlorotoluene	ND	ug/kg	3.8	0.33	1		08/11/11 15:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.5	0.38	1		08/11/11 15:58	108-10-1	
Acetone	175	ug/kg	12.5	1.4	1		08/11/11 15:58	67-64-1	1n,B
Benzene	4.4	ug/kg	3.8	0.19	1		08/11/11 15:58	71-43-2	B
Bromobenzene	ND	ug/kg	3.8	0.29	1		08/11/11 15:58	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		08/11/11 15:58	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		08/11/11 15:58	75-27-4	
Bromoform	ND	ug/kg	3.8	0.29	1		08/11/11 15:58	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.40	1		08/11/11 15:58	74-83-9	
Carbon disulfide	1.8J	ug/kg	3.8	0.35	1		08/11/11 15:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		08/11/11 15:58	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		08/11/11 15:58	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.36	1		08/11/11 15:58	75-00-3	
Chloroform	ND	ug/kg	3.8	0.24	1		08/11/11 15:58	67-66-3	
Chloromethane	3.4J	ug/kg	3.8	0.26	1		08/11/11 15:58	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		08/11/11 15:58	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.26	1		08/11/11 15:58	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.52	1		08/11/11 15:58	75-71-8	
Ethylbenzene	31.2	ug/kg	3.8	0.47	1		08/11/11 15:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.37	1		08/11/11 15:58	87-68-3	
Isopropylbenzene (Cumene)	16.2	ug/kg	3.8	0.43	1		08/11/11 15:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.31	1		08/11/11 15:58	1634-04-4	
Methylene chloride	3.9J	ug/kg	12.5	3.3	1		08/11/11 15:58	75-09-2	B
Styrene	ND	ug/kg	3.8	0.36	1		08/11/11 15:58	100-42-5	
Tetrachloroethene	0.67J	ug/kg	3.8	0.48	1		08/11/11 15:58	127-18-4	
Toluene	18.6	ug/kg	3.8	0.39	1		08/11/11 15:58	108-88-3	B
Trichloroethene	ND	ug/kg	3.8	0.26	1		08/11/11 15:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		08/11/11 15:58	75-69-4	
Vinyl chloride	3.0J	ug/kg	3.8	0.35	1		08/11/11 15:58	75-01-4	
Xylene (Total)	225	ug/kg	11.3	0.94	1		08/11/11 15:58	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.8	0.26	1		08/11/11 15:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.16	1		08/11/11 15:58	10061-01-5	
m&p-Xylene	131	ug/kg	7.5	0.94	1		08/11/11 15:58	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.8	0.57	1		08/11/11 15:58	104-51-8	
n-Propylbenzene	41.0	ug/kg	3.8	0.44	1		08/11/11 15:58	103-65-1	B
o-Xylene	93.3	ug/kg	3.8	0.41	1		08/11/11 15:58	95-47-6	B
p-Isopropyltoluene	91.9	ug/kg	3.8	0.48	1		08/11/11 15:58	99-87-6	B
sec-Butylbenzene	19.6	ug/kg	3.8	0.52	1		08/11/11 15:58	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.32	1		08/11/11 15:58	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.43	1		08/11/11 15:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		08/11/11 15:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.26	1		08/11/11 15:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/11/11 15:58	1868-53-7	
Toluene-d8 (S)	114 %		69-133		1		08/11/11 15:58	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_55 0-1 **Lab ID:** 258722020 Collected: 08/03/11 09:30 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	113 %		67-142		1		08/11/11 15:58	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/11/11 15:58	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	8.2 %		0.10	0.10	1		08/05/11 15:47		

Sample: SUP_SL_55 1-2 **Lab ID:** 258722021 Collected: 08/03/11 09:32 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	2540 mg/kg		17.3	8.7	1	08/10/11 15:40	08/16/11 04:04		
Motor Oil Range SG	2740 mg/kg		69.3	34.6	1	08/10/11 15:40	08/16/11 04:04	64742-65-0	
Surrogates									
n-Octacosane (S) SG	142 %		50-150		1	08/10/11 15:40	08/16/11 04:04	630-02-4	
o-Terphenyl (S) SG	114 %		50-150		1	08/10/11 15:40	08/16/11 04:04	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	683 mg/kg		102	4.1	20	08/05/11 11:00	08/05/11 23:29		
Surrogates									
a,a,a-Trifluorotoluene (S)	107 %		50-150		20	08/05/11 11:00	08/05/11 23:29	98-08-8	
4-Bromofluorobenzene (S)	108 %		50-150		20	08/05/11 11:00	08/05/11 23:29	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2810 mg/kg		98.7	14.7	50	08/14/11 16:32	08/19/11 16:51	7440-38-2	
Cadmium	ND mg/kg		49.3	0.54	50	08/14/11 16:32	08/19/11 16:51	7440-43-9	
Lead	4110 mg/kg		4.9	0.31	5	08/14/11 16:32	08/18/11 16:54	7439-92-1	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		3.1	0.15	1		08/11/11 17:06	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		3.1	0.19	1		08/11/11 17:06	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		3.1	0.29	1		08/11/11 17:06	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		3.1	0.29	1		08/11/11 17:06	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		3.1	0.42	1		08/11/11 17:06	76-13-1	
1,1-Dichloroethane	ND ug/kg		3.1	0.24	1		08/11/11 17:06	75-34-3	
1,1-Dichloroethene	ND ug/kg		3.1	0.38	1		08/11/11 17:06	75-35-4	
1,1-Dichloropropene	ND ug/kg		3.1	0.36	1		08/11/11 17:06	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		3.1	0.29	1		08/11/11 17:06	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		3.1	0.35	1		08/11/11 17:06	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		3.1	0.25	1		08/11/11 17:06	120-82-1	
1,2,4-Trimethylbenzene	10.9 ug/kg		3.1	0.53	1		08/11/11 17:06	95-63-6	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 1-2 Lab ID: 258722021 Collected: 08/03/11 09:32 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	0.40	1		08/11/11 17:06	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	0.22	1		08/11/11 17:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/11/11 17:06	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.1	0.23	1		08/11/11 17:06	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.2	0.38	1		08/11/11 17:06	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/11/11 17:06	78-87-5	
1,3,5-Trimethylbenzene	3.8	ug/kg	3.1	0.33	1		08/11/11 17:06	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.1	0.20	1		08/11/11 17:06	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.1	0.29	1		08/11/11 17:06	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/11/11 17:06	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/11/11 17:06	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.3	1.6	1		08/11/11 17:06	78-93-3	
2-Chlorotoluene	0.44J	ug/kg	3.1	0.32	1		08/11/11 17:06	95-49-8	
2-Hexanone	ND	ug/kg	10.3	0.37	1		08/11/11 17:06	591-78-6	
4-Chlorotoluene	0.41J	ug/kg	3.1	0.27	1		08/11/11 17:06	106-43-4	B
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.3	0.31	1		08/11/11 17:06	108-10-1	
Acetone	9.7J	ug/kg	10.3	1.1	1		08/11/11 17:06	67-64-1	B
Benzene	0.32J	ug/kg	3.1	0.15	1		08/11/11 17:06	71-43-2	B
Bromobenzene	ND	ug/kg	3.1	0.24	1		08/11/11 17:06	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	0.23	1		08/11/11 17:06	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	0.12	1		08/11/11 17:06	75-27-4	
Bromoform	ND	ug/kg	3.1	0.24	1		08/11/11 17:06	75-25-2	
Bromomethane	ND	ug/kg	3.1	0.33	1		08/11/11 17:06	74-83-9	
Carbon disulfide	1.4J	ug/kg	3.1	0.29	1		08/11/11 17:06	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.1	0.19	1		08/11/11 17:06	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	0.19	1		08/11/11 17:06	108-90-7	
Chloroethane	ND	ug/kg	3.1	0.30	1		08/11/11 17:06	75-00-3	
Chloroform	ND	ug/kg	3.1	0.20	1		08/11/11 17:06	67-66-3	
Chloromethane	ND	ug/kg	3.1	0.21	1		08/11/11 17:06	74-87-3	
Dibromochloromethane	ND	ug/kg	3.1	0.10	1		08/11/11 17:06	124-48-1	
Dibromomethane	ND	ug/kg	3.1	0.22	1		08/11/11 17:06	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.1	0.43	1		08/11/11 17:06	75-71-8	
Ethylbenzene	0.61J	ug/kg	3.1	0.39	1		08/11/11 17:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.1	0.31	1		08/11/11 17:06	87-68-3	
Isopropylbenzene (Cumene)	0.39J	ug/kg	3.1	0.36	1		08/11/11 17:06	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.1	0.26	1		08/11/11 17:06	1634-04-4	
Methylene chloride	3.6J	ug/kg	10.3	2.7	1		08/11/11 17:06	75-09-2	B
Naphthalene	96.1	ug/kg	3.1	0.57	1		08/11/11 17:06	91-20-3	
Styrene	ND	ug/kg	3.1	0.30	1		08/11/11 17:06	100-42-5	
Tetrachloroethene	ND	ug/kg	3.1	0.39	1		08/11/11 17:06	127-18-4	
Toluene	0.48J	ug/kg	3.1	0.32	1		08/11/11 17:06	108-88-3	B
Trichloroethene	ND	ug/kg	3.1	0.22	1		08/11/11 17:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.1	0.24	1		08/11/11 17:06	75-69-4	
Vinyl chloride	0.54J	ug/kg	3.1	0.29	1		08/11/11 17:06	75-01-4	
Xylene (Total)	4.2J	ug/kg	9.3	0.77	1		08/11/11 17:06	1330-20-7	B

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_55 1-2 **Lab ID:** 258722021 Collected: 08/03/11 09:32 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.1	0.22	1		08/11/11 17:06	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	0.13	1		08/11/11 17:06	10061-01-5	
m&p-Xylene	2.4J	ug/kg	6.2	0.77	1		08/11/11 17:06	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.1	0.47	1		08/11/11 17:06	104-51-8	
n-Propylbenzene	0.80J	ug/kg	3.1	0.36	1		08/11/11 17:06	103-65-1	B
o-Xylene	1.8J	ug/kg	3.1	0.34	1		08/11/11 17:06	95-47-6	B
p-Isopropyltoluene	2.5J	ug/kg	3.1	0.40	1		08/11/11 17:06	99-87-6	B
sec-Butylbenzene	0.62J	ug/kg	3.1	0.43	1		08/11/11 17:06	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.1	0.27	1		08/11/11 17:06	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.1	0.36	1		08/11/11 17:06	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	0.31	1		08/11/11 17:06	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	0.22	1		08/11/11 17:06	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/11/11 17:06	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/11/11 17:06	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/11/11 17:06	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/11/11 17:06	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	10.3 %		0.10	0.10	1		08/05/11 15:47		

Sample: SUP_SL_55 2-4 **Lab ID:** 258722022 Collected: 08/03/11 09:35 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	32.4	mg/kg	16.3	8.1	1	08/10/11 15:40	08/15/11 19:29		
Motor Oil Range SG	56.5J	mg/kg	65.0	32.5	1	08/10/11 15:40	08/15/11 19:29	64742-65-0	
Surrogates									
n-Octacosane (S) SG	104 %		50-150		1	08/10/11 15:40	08/15/11 19:29	630-02-4	
o-Terphenyl (S) SG	89 %		50-150		1	08/10/11 15:40	08/15/11 19:29	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	3.4J	mg/kg	4.8	0.19	1	08/05/11 11:00	08/05/11 19:56		
Surrogates									
a,a,a-Trifluorotoluene (S)	105 %		50-150		1	08/05/11 11:00	08/05/11 19:56	98-08-8	
4-Bromofluorobenzene (S)	86 %		50-150		1	08/05/11 11:00	08/05/11 19:56	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2840	mg/kg	86.1	12.8	50	08/14/11 16:32	08/19/11 17:01	7440-38-2	
Cadmium	ND	mg/kg	43.0	0.47	50	08/14/11 16:32	08/19/11 17:01	7440-43-9	
Lead	3610	mg/kg	4.3	0.27	5	08/14/11 16:32	08/18/11 17:05	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 2-4 Lab ID: 258722022 Collected: 08/03/11 09:35 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	0.13	1		08/12/11 15:18	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.7	0.16	1		08/12/11 15:18	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	0.25	1		08/12/11 15:18	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.7	0.25	1		08/12/11 15:18	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	0.36	1		08/12/11 15:18	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.7	0.21	1		08/12/11 15:18	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.7	0.33	1		08/12/11 15:18	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.7	0.31	1		08/12/11 15:18	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	0.25	1		08/12/11 15:18	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.7	0.31	1		08/12/11 15:18	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	0.22	1		08/12/11 15:18	120-82-1	
1,2,4-Trimethylbenzene	3.3	ug/kg	2.7	0.46	1		08/12/11 15:18	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	0.35	1		08/12/11 15:18	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	0.19	1		08/12/11 15:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		08/12/11 15:18	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.7	0.20	1		08/12/11 15:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.4	0.33	1		08/12/11 15:18	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.7	0.16	1		08/12/11 15:18	78-87-5	
1,3,5-Trimethylbenzene	1.2J	ug/kg	2.7	0.29	1		08/12/11 15:18	108-67-8	B
1,3-Dichlorobenzene	ND	ug/kg	2.7	0.17	1		08/12/11 15:18	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.7	0.25	1		08/12/11 15:18	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.7	0.21	1		08/12/11 15:18	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.7	0.17	1		08/12/11 15:18	594-20-7	
2-Butanone (MEK)	3.6J	ug/kg	9.0	1.4	1		08/12/11 15:18	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.7	0.28	1		08/12/11 15:18	95-49-8	
2-Hexanone	ND	ug/kg	9.0	0.32	1		08/12/11 15:18	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.7	0.24	1		08/12/11 15:18	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.0	0.27	1		08/12/11 15:18	108-10-1	
Acetone	1.9J	ug/kg	9.0	0.98	1		08/12/11 15:18	67-64-1	
Benzene	0.37J	ug/kg	2.7	0.13	1		08/12/11 15:18	71-43-2	B
Bromobenzene	ND	ug/kg	2.7	0.21	1		08/12/11 15:18	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	0.20	1		08/12/11 15:18	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	0.11	1		08/12/11 15:18	75-27-4	
Bromoform	ND	ug/kg	2.7	0.21	1		08/12/11 15:18	75-25-2	
Bromomethane	ND	ug/kg	2.7	0.28	1		08/12/11 15:18	74-83-9	
Carbon disulfide	0.55J	ug/kg	2.7	0.25	1		08/12/11 15:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.7	0.16	1		08/12/11 15:18	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	0.16	1		08/12/11 15:18	108-90-7	
Chloroethane	ND	ug/kg	2.7	0.26	1		08/12/11 15:18	75-00-3	
Chloroform	ND	ug/kg	2.7	0.17	1		08/12/11 15:18	67-66-3	
Chloromethane	ND	ug/kg	2.7	0.18	1		08/12/11 15:18	74-87-3	
Dibromochloromethane	ND	ug/kg	2.7	0.090	1		08/12/11 15:18	124-48-1	
Dibromomethane	ND	ug/kg	2.7	0.19	1		08/12/11 15:18	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.7	0.37	1		08/12/11 15:18	75-71-8	
Ethylbenzene	0.43J	ug/kg	2.7	0.34	1		08/12/11 15:18	100-41-4	B

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_55 2-4 **Lab ID: 258722022** Collected: 08/03/11 09:35 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	2.7	0.27	1		08/12/11 15:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	0.31	1		08/12/11 15:18	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.7	0.22	1		08/12/11 15:18	1634-04-4	
Methylene chloride	2.4J	ug/kg	9.0	2.4	1		08/12/11 15:18	75-09-2	
Naphthalene	31.3	ug/kg	2.7	0.49	1		08/12/11 15:18	91-20-3	
Styrene	ND	ug/kg	2.7	0.26	1		08/12/11 15:18	100-42-5	
Tetrachloroethene	ND	ug/kg	2.7	0.34	1		08/12/11 15:18	127-18-4	
Toluene	0.53J	ug/kg	2.7	0.28	1		08/12/11 15:18	108-88-3	B
Trichloroethene	ND	ug/kg	2.7	0.19	1		08/12/11 15:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.7	0.21	1		08/12/11 15:18	75-69-4	
Vinyl chloride	ND	ug/kg	2.7	0.25	1		08/12/11 15:18	75-01-4	
Xylene (Total)	2.4J	ug/kg	8.1	0.67	1		08/12/11 15:18	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	2.7	0.19	1		08/12/11 15:18	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	0.12	1		08/12/11 15:18	10061-01-5	
m&p-Xylene	1.7J	ug/kg	5.4	0.67	1		08/12/11 15:18	179601-23-1	B
n-Butylbenzene	0.74J	ug/kg	2.7	0.41	1		08/12/11 15:18	104-51-8	B
n-Propylbenzene	ND	ug/kg	2.7	0.32	1		08/12/11 15:18	103-65-1	
o-Xylene	0.72J	ug/kg	2.7	0.29	1		08/12/11 15:18	95-47-6	B
p-Isopropyltoluene	0.62J	ug/kg	2.7	0.34	1		08/12/11 15:18	99-87-6	B
sec-Butylbenzene	ND	ug/kg	2.7	0.37	1		08/12/11 15:18	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.7	0.23	1		08/12/11 15:18	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.7	0.31	1		08/12/11 15:18	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	0.27	1		08/12/11 15:18	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	0.19	1		08/12/11 15:18	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/12/11 15:18	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 15:18	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/12/11 15:18	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		67-136		1		08/12/11 15:18	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	5.5 %		0.10	0.10	1		08/05/11 15:47		

Sample: SUP_SL_55 4-6 **Lab ID: 258722023** Collected: 08/03/11 09:38 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	22.9	mg/kg	17.1	8.5	1	08/10/11 15:40	08/15/11 19:53		
Motor Oil Range SG	38.9J	mg/kg	68.3	34.2	1	08/10/11 15:40	08/15/11 19:53	64742-65-0	
Surrogates									
n-Octacosane (S) SG	104 %		50-150		1	08/10/11 15:40	08/15/11 19:53	630-02-4	
o-Terphenyl (S) SG	91 %		50-150		1	08/10/11 15:40	08/15/11 19:53	84-15-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 4-6 **Lab ID:** 258722023 Collected: 08/03/11 09:38 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCX									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	23.1	mg/kg	4.6	0.18	1	08/05/11 11:00	08/05/11 20:20		
Surrogates									
a,a,a-Trifluorotoluene (S)	107	%	50-150		1	08/05/11 11:00	08/05/11 20:20	98-08-8	
4-Bromofluorobenzene (S)	97	%	50-150		1	08/05/11 11:00	08/05/11 20:20	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2680	mg/kg	77.1	11.5	50	08/14/11 16:32	08/19/11 17:05	7440-38-2	
Cadmium	ND	mg/kg	38.5	0.42	50	08/14/11 16:32	08/19/11 17:05	7440-43-9	
Lead	3840	mg/kg	3.9	0.24	5	08/14/11 16:32	08/18/11 17:09	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.2	0.11	1		08/11/11 17:23	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.2	0.13	1		08/11/11 17:23	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.2	0.20	1		08/11/11 17:23	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.2	0.20	1		08/11/11 17:23	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.2	0.29	1		08/11/11 17:23	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.2	0.17	1		08/11/11 17:23	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.2	0.27	1		08/11/11 17:23	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.2	0.26	1		08/11/11 17:23	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.2	0.20	1		08/11/11 17:23	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.2	0.25	1		08/11/11 17:23	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.2	0.18	1		08/11/11 17:23	120-82-1	
1,2,4-Trimethylbenzene	5.3	ug/kg	2.2	0.38	1		08/11/11 17:23	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.7	0.29	1		08/11/11 17:23	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.2	0.15	1		08/11/11 17:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.2	0.18	1		08/11/11 17:23	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.2	0.16	1		08/11/11 17:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.4	0.27	1		08/11/11 17:23	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.2	0.13	1		08/11/11 17:23	78-87-5	
1,3,5-Trimethylbenzene	1.8J	ug/kg	2.2	0.23	1		08/11/11 17:23	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.2	0.14	1		08/11/11 17:23	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.2	0.20	1		08/11/11 17:23	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.2	0.18	1		08/11/11 17:23	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.2	0.14	1		08/11/11 17:23	594-20-7	
2-Butanone (MEK)	ND	ug/kg	7.3	1.1	1		08/11/11 17:23	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.2	0.23	1		08/11/11 17:23	95-49-8	
2-Hexanone	ND	ug/kg	7.3	0.26	1		08/11/11 17:23	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.2	0.19	1		08/11/11 17:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.3	0.22	1		08/11/11 17:23	108-10-1	
Acetone	2.0J	ug/kg	7.3	0.80	1		08/11/11 17:23	67-64-1	B
Benzene	ND	ug/kg	2.2	0.11	1		08/11/11 17:23	71-43-2	
Bromobenzene	ND	ug/kg	2.2	0.17	1		08/11/11 17:23	108-86-1	
Bromochloromethane	ND	ug/kg	2.2	0.16	1		08/11/11 17:23	74-97-5	
Bromodichloromethane	ND	ug/kg	2.2	0.086	1		08/11/11 17:23	75-27-4	
Bromoform	ND	ug/kg	2.2	0.17	1		08/11/11 17:23	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 4-6 Lab ID: 258722023 Collected: 08/03/11 09:38 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	2.2	0.23	1		08/11/11 17:23	74-83-9	
Carbon disulfide	0.24J	ug/kg	2.2	0.20	1		08/11/11 17:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.2	0.13	1		08/11/11 17:23	56-23-5	
Chlorobenzene	ND	ug/kg	2.2	0.13	1		08/11/11 17:23	108-90-7	
Chloroethane	ND	ug/kg	2.2	0.21	1		08/11/11 17:23	75-00-3	
Chloroform	ND	ug/kg	2.2	0.14	1		08/11/11 17:23	67-66-3	
Chloromethane	ND	ug/kg	2.2	0.15	1		08/11/11 17:23	74-87-3	
Dibromochloromethane	ND	ug/kg	2.2	0.074	1		08/11/11 17:23	124-48-1	
Dibromomethane	ND	ug/kg	2.2	0.15	1		08/11/11 17:23	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.2	0.30	1		08/11/11 17:23	75-71-8	
Ethylbenzene	0.39J	ug/kg	2.2	0.28	1		08/11/11 17:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.2	0.22	1		08/11/11 17:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.2	0.25	1		08/11/11 17:23	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.2	0.18	1		08/11/11 17:23	1634-04-4	
Methylene chloride	2.4J	ug/kg	7.3	1.9	1		08/11/11 17:23	75-09-2	B
Naphthalene	33.5	ug/kg	2.2	0.40	1		08/11/11 17:23	91-20-3	
Styrene	ND	ug/kg	2.2	0.21	1		08/11/11 17:23	100-42-5	
Tetrachloroethene	ND	ug/kg	2.2	0.28	1		08/11/11 17:23	127-18-4	
Toluene	0.37J	ug/kg	2.2	0.23	1		08/11/11 17:23	108-88-3	B
Trichloroethene	ND	ug/kg	2.2	0.15	1		08/11/11 17:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.2	0.17	1		08/11/11 17:23	75-69-4	
Vinyl chloride	0.21J	ug/kg	2.2	0.20	1		08/11/11 17:23	75-01-4	
Xylene (Total)	2.4J	ug/kg	6.6	0.55	1		08/11/11 17:23	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	2.2	0.15	1		08/11/11 17:23	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.2	0.096	1		08/11/11 17:23	10061-01-5	
m&p-Xylene	1.4J	ug/kg	4.4	0.55	1		08/11/11 17:23	179601-23-1	B
n-Butylbenzene	1.2J	ug/kg	2.2	0.33	1		08/11/11 17:23	104-51-8	B
n-Propylbenzene	0.46J	ug/kg	2.2	0.26	1		08/11/11 17:23	103-65-1	B
o-Xylene	1.1J	ug/kg	2.2	0.24	1		08/11/11 17:23	95-47-6	B
p-Isopropyltoluene	1.0J	ug/kg	2.2	0.28	1		08/11/11 17:23	99-87-6	B
sec-Butylbenzene	ND	ug/kg	2.2	0.31	1		08/11/11 17:23	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.2	0.19	1		08/11/11 17:23	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.2	0.25	1		08/11/11 17:23	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.2	0.22	1		08/11/11 17:23	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.2	0.15	1		08/11/11 17:23	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/11/11 17:23	1868-53-7	
Toluene-d8 (S)	94 %		69-133		1		08/11/11 17:23	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/11/11 17:23	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/11/11 17:23	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	7.3 %		0.10	0.10	1		08/05/11 15:48		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 6-8 Lab ID: 258722024 Collected: 08/03/11 09:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	24.5	12.2	1	08/10/11 15:40	08/15/11 20:16		
Motor Oil Range SG	ND	mg/kg	97.9	49.0	1	08/10/11 15:40	08/15/11 20:16	64742-65-0	
Surrogates									
n-Octacosane (S) SG	89 %		50-150		1	08/10/11 15:40	08/15/11 20:16	630-02-4	
o-Terphenyl (S) SG	78 %		50-150		1	08/10/11 15:40	08/15/11 20:16	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	2.8J	mg/kg	10.5	0.42	1	08/05/11 11:00	08/05/11 20:44		
Surrogates									
a,a,a-Trifluorotoluene (S)	108 %		50-150		1	08/05/11 11:00	08/05/11 20:44	98-08-8	
4-Bromofluorobenzene (S)	92 %		50-150		1	08/05/11 11:00	08/05/11 20:44	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	131	mg/kg	15.8	2.4	5	08/14/11 16:32	08/18/11 17:13	7440-38-2	
Cadmium	ND	mg/kg	7.9	0.087	5	08/14/11 16:32	08/18/11 17:13	7440-43-9	
Lead	107	mg/kg	7.9	0.50	5	08/14/11 16:32	08/18/11 17:13	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	0.23	1		08/11/11 17:40	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.7	0.29	1		08/11/11 17:40	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	0.43	1		08/11/11 17:40	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.7	0.43	1		08/11/11 17:40	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	0.63	1		08/11/11 17:40	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.7	0.37	1		08/11/11 17:40	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.7	0.58	1		08/11/11 17:40	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.7	0.54	1		08/11/11 17:40	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	0.43	1		08/11/11 17:40	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.7	0.53	1		08/11/11 17:40	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	0.38	1		08/11/11 17:40	120-82-1	
1,2,4-Trimethylbenzene	10.3	ug/kg	4.7	0.81	1		08/11/11 17:40	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.8	0.61	1		08/11/11 17:40	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	0.33	1		08/11/11 17:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	0.38	1		08/11/11 17:40	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.7	0.35	1		08/11/11 17:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.4	0.58	1		08/11/11 17:40	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.7	0.28	1		08/11/11 17:40	78-87-5	
1,3,5-Trimethylbenzene	3.3J	ug/kg	4.7	0.50	1		08/11/11 17:40	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.7	0.30	1		08/11/11 17:40	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.7	0.43	1		08/11/11 17:40	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.7	0.37	1		08/11/11 17:40	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.7	0.29	1		08/11/11 17:40	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.6	2.4	1		08/11/11 17:40	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.7	0.49	1		08/11/11 17:40	95-49-8	
2-Hexanone	ND	ug/kg	15.6	0.56	1		08/11/11 17:40	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.7	0.41	1		08/11/11 17:40	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 6-8 Lab ID: 258722024 Collected: 08/03/11 09:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.6	0.47	1		08/11/11 17:40	108-10-1	
Acetone	8.5J	ug/kg	15.6	1.7	1		08/11/11 17:40	67-64-1	B
Benzene	0.87J	ug/kg	4.7	0.23	1		08/11/11 17:40	71-43-2	B
Bromobenzene	ND	ug/kg	4.7	0.37	1		08/11/11 17:40	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	0.34	1		08/11/11 17:40	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	0.18	1		08/11/11 17:40	75-27-4	
Bromoform	ND	ug/kg	4.7	0.36	1		08/11/11 17:40	75-25-2	
Bromomethane	ND	ug/kg	4.7	0.50	1		08/11/11 17:40	74-83-9	
Carbon disulfide	1.2J	ug/kg	4.7	0.43	1		08/11/11 17:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	0.28	1		08/11/11 17:40	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	0.29	1		08/11/11 17:40	108-90-7	
Chloroethane	ND	ug/kg	4.7	0.45	1		08/11/11 17:40	75-00-3	
Chloroform	ND	ug/kg	4.7	0.30	1		08/11/11 17:40	67-66-3	
Chloromethane	0.46J	ug/kg	4.7	0.32	1		08/11/11 17:40	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	0.16	1		08/11/11 17:40	124-48-1	
Dibromomethane	ND	ug/kg	4.7	0.33	1		08/11/11 17:40	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.7	0.65	1		08/11/11 17:40	75-71-8	
Ethylbenzene	0.87J	ug/kg	4.7	0.59	1		08/11/11 17:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	0.46	1		08/11/11 17:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	0.54	1		08/11/11 17:40	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.7	0.39	1		08/11/11 17:40	1634-04-4	
Methylene chloride	5.6J	ug/kg	15.6	4.1	1		08/11/11 17:40	75-09-2	B
Naphthalene	94.7	ug/kg	4.7	0.85	1		08/11/11 17:40	91-20-3	
Styrene	ND	ug/kg	4.7	0.45	1		08/11/11 17:40	100-42-5	
Tetrachloroethene	ND	ug/kg	4.7	0.60	1		08/11/11 17:40	127-18-4	
Toluene	1.2J	ug/kg	4.7	0.48	1		08/11/11 17:40	108-88-3	B
Trichloroethene	ND	ug/kg	4.7	0.33	1		08/11/11 17:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	0.36	1		08/11/11 17:40	75-69-4	
Vinyl chloride	1.2J	ug/kg	4.7	0.44	1		08/11/11 17:40	75-01-4	
Xylene (Total)	5.0J	ug/kg	14.0	1.2	1		08/11/11 17:40	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.7	0.33	1		08/11/11 17:40	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	0.20	1		08/11/11 17:40	10061-01-5	
m&p-Xylene	2.9J	ug/kg	9.4	1.2	1		08/11/11 17:40	179601-23-1	B
n-Butylbenzene	2.3J	ug/kg	4.7	0.71	1		08/11/11 17:40	104-51-8	B
n-Propylbenzene	0.85J	ug/kg	4.7	0.55	1		08/11/11 17:40	103-65-1	B
o-Xylene	2.1J	ug/kg	4.7	0.51	1		08/11/11 17:40	95-47-6	B
p-Isopropyltoluene	2.2J	ug/kg	4.7	0.60	1		08/11/11 17:40	99-87-6	B
sec-Butylbenzene	ND	ug/kg	4.7	0.65	1		08/11/11 17:40	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.7	0.40	1		08/11/11 17:40	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.7	0.54	1		08/11/11 17:40	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	0.47	1		08/11/11 17:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	0.33	1		08/11/11 17:40	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104 %		72-129		1		08/11/11 17:40	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/11/11 17:40	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_55 6-8 Lab ID: 258722024 Collected: 08/03/11 09:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	98 %		67-142		1		08/11/11 17:40	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/11/11 17:40	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	38.4 %		0.10	0.10	1		08/05/11 15:49		

Sample: SUP_SL_55 8-10 Lab ID: 258722025 Collected: 08/03/11 09:42 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	12.0J mg/kg		21.8	10.9	1	08/10/11 15:40	08/15/11 20:40		
Motor Oil Range SG	ND mg/kg		87.0	43.5	1	08/10/11 15:40	08/15/11 20:40	64742-65-0	
Surrogates									
n-Octacosane (S) SG	89 %		50-150		1	08/10/11 15:40	08/15/11 20:40	630-02-4	
o-Terphenyl (S) SG	78 %		50-150		1	08/10/11 15:40	08/15/11 20:40	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	3.3J mg/kg		7.5	0.30	1	08/05/11 11:00	08/05/11 21:31		
Surrogates									
a,a,a-Trifluorotoluene (S)	110 %		50-150		1	08/05/11 11:00	08/05/11 21:31	98-08-8	
4-Bromofluorobenzene (S)	96 %		50-150		1	08/05/11 11:00	08/05/11 21:31	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	3130 mg/kg		53.4	8.0	20	08/14/11 16:32	08/19/11 17:09	7440-38-2	
Cadmium	ND mg/kg		26.7	0.29	20	08/14/11 16:32	08/19/11 17:09	7440-43-9	
Lead	3120 mg/kg		6.7	0.42	5	08/14/11 16:32	08/18/11 17:16	7439-92-1	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND ug/kg		3.9	0.19	1		08/12/11 13:02	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		3.9	0.24	1		08/12/11 13:02	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		3.9	0.37	1		08/12/11 13:02	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		3.9	0.37	1		08/12/11 13:02	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		3.9	0.53	1		08/12/11 13:02	76-13-1	
1,1-Dichloroethane	ND ug/kg		3.9	0.31	1		08/12/11 13:02	75-34-3	
1,1-Dichloroethene	ND ug/kg		3.9	0.49	1		08/12/11 13:02	75-35-4	
1,1-Dichloropropene	ND ug/kg		3.9	0.46	1		08/12/11 13:02	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		3.9	0.37	1		08/12/11 13:02	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		3.9	0.45	1		08/12/11 13:02	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		3.9	0.32	1		08/12/11 13:02	120-82-1	
1,2,4-Trimethylbenzene	0.84J ug/kg		3.9	0.68	1		08/12/11 13:02	95-63-6	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 8-10 Lab ID: 258722025 Collected: 08/03/11 09:42 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	0.51	1		08/12/11 13:02	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	0.28	1		08/12/11 13:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	0.32	1		08/12/11 13:02	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.9	0.29	1		08/12/11 13:02	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.9	0.49	1		08/12/11 13:02	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		08/12/11 13:02	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	0.42	1		08/12/11 13:02	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.9	0.25	1		08/12/11 13:02	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.9	0.37	1		08/12/11 13:02	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.9	0.32	1		08/12/11 13:02	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.9	0.25	1		08/12/11 13:02	594-20-7	
2-Butanone (MEK)	20.7	ug/kg	13.2	2.0	1		08/12/11 13:02	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.9	0.41	1		08/12/11 13:02	95-49-8	
2-Hexanone	ND	ug/kg	13.2	0.47	1		08/12/11 13:02	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.9	0.35	1		08/12/11 13:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.2	0.40	1		08/12/11 13:02	108-10-1	
Acetone	59.0	ug/kg	13.2	1.4	1		08/12/11 13:02	67-64-1	1n
Benzene	0.65J	ug/kg	3.9	0.20	1		08/12/11 13:02	71-43-2	B
Bromobenzene	ND	ug/kg	3.9	0.31	1		08/12/11 13:02	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	0.29	1		08/12/11 13:02	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	0.15	1		08/12/11 13:02	75-27-4	
Bromoform	ND	ug/kg	3.9	0.30	1		08/12/11 13:02	75-25-2	
Bromomethane	ND	ug/kg	3.9	0.42	1		08/12/11 13:02	74-83-9	
Carbon disulfide	25.9	ug/kg	3.9	0.37	1		08/12/11 13:02	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	0.24	1		08/12/11 13:02	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	0.24	1		08/12/11 13:02	108-90-7	
Chloroethane	ND	ug/kg	3.9	0.38	1		08/12/11 13:02	75-00-3	
Chloroform	ND	ug/kg	3.9	0.26	1		08/12/11 13:02	67-66-3	
Chloromethane	ND	ug/kg	3.9	0.27	1		08/12/11 13:02	74-87-3	
Dibromochloromethane	ND	ug/kg	3.9	0.13	1		08/12/11 13:02	124-48-1	
Dibromomethane	ND	ug/kg	3.9	0.27	1		08/12/11 13:02	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.9	0.55	1		08/12/11 13:02	75-71-8	
Ethylbenzene	ND	ug/kg	3.9	0.50	1		08/12/11 13:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	0.39	1		08/12/11 13:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	0.46	1		08/12/11 13:02	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.9	0.33	1		08/12/11 13:02	1634-04-4	
Methylene chloride	ND	ug/kg	13.2	3.5	1		08/12/11 13:02	75-09-2	
Naphthalene	ND	ug/kg	3.9	0.72	1		08/12/11 13:02	91-20-3	
Styrene	ND	ug/kg	3.9	0.38	1		08/12/11 13:02	100-42-5	
Tetrachloroethene	ND	ug/kg	3.9	0.50	1		08/12/11 13:02	127-18-4	
Toluene	1.2J	ug/kg	3.9	0.41	1		08/12/11 13:02	108-88-3	B
Trichloroethene	ND	ug/kg	3.9	0.28	1		08/12/11 13:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	0.30	1		08/12/11 13:02	75-69-4	
Vinyl chloride	ND	ug/kg	3.9	0.37	1		08/12/11 13:02	75-01-4	
Xylene (Total)	2.3J	ug/kg	11.8	0.99	1		08/12/11 13:02	1330-20-7	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 8-10 **Lab ID:** 258722025 Collected: 08/03/11 09:42 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.9	0.27	1		08/12/11 13:02	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	0.17	1		08/12/11 13:02	10061-01-5	
m&p-Xylene	1.9J	ug/kg	7.9	0.99	1		08/12/11 13:02	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.9	0.60	1		08/12/11 13:02	104-51-8	
n-Propylbenzene	ND	ug/kg	3.9	0.46	1		08/12/11 13:02	103-65-1	
o-Xylene	0.44J	ug/kg	3.9	0.43	1		08/12/11 13:02	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.9	0.51	1		08/12/11 13:02	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.9	0.55	1		08/12/11 13:02	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.9	0.34	1		08/12/11 13:02	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.9	0.45	1		08/12/11 13:02	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	0.39	1		08/12/11 13:02	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	0.28	1		08/12/11 13:02	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/12/11 13:02	1868-53-7	
Toluene-d8 (S)	94 %		69-133		1		08/12/11 13:02	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/12/11 13:02	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/12/11 13:02	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	28.7 %		0.10	0.10	1		08/05/11 15:49		

Sample: SUP_SL_55 10-12 **Lab ID:** 258722026 Collected: 08/03/11 09:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	29.0	14.5	1	08/10/11 15:40	08/15/11 21:03		
Motor Oil Range SG	ND	mg/kg	116	57.9	1	08/10/11 15:40	08/15/11 21:03	64742-65-0	
Surrogates									
n-Octacosane (S) SG	87 %		50-150		1	08/10/11 15:40	08/15/11 21:03	630-02-4	
o-Terphenyl (S) SG	81 %		50-150		1	08/10/11 15:40	08/15/11 21:03	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	2.1J	mg/kg	14.0	0.56	1	08/05/11 11:00	08/05/11 21:55		
Surrogates									
a,a,a-Trifluorotoluene (S)	106 %		50-150		1	08/05/11 11:00	08/05/11 21:55	98-08-8	
4-Bromofluorobenzene (S)	93 %		50-150		1	08/05/11 11:00	08/05/11 21:55	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	10J	mg/kg	16.9	2.5	5	08/14/11 16:32	08/18/11 17:20	7440-38-2	
Cadmium	ND	mg/kg	8.4	0.093	5	08/14/11 16:32	08/18/11 17:20	7440-43-9	
Lead	4.0	mg/kg	1.7	0.11	1	08/14/11 16:32	08/18/11 19:03	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 10-12 Lab ID: 258722026 Collected: 08/03/11 09:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	0.24	1		08/12/11 13:19	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.9	0.30	1		08/12/11 13:19	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	0.45	1		08/12/11 13:19	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.9	0.45	1		08/12/11 13:19	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	0.65	1		08/12/11 13:19	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.9	0.38	1		08/12/11 13:19	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.9	0.60	1		08/12/11 13:19	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.9	0.56	1		08/12/11 13:19	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	0.45	1		08/12/11 13:19	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.9	0.55	1		08/12/11 13:19	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	0.39	1		08/12/11 13:19	120-82-1	
1,2,4-Trimethylbenzene	0.95J	ug/kg	4.9	0.84	1		08/12/11 13:19	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	0.63	1		08/12/11 13:19	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	0.34	1		08/12/11 13:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	0.40	1		08/12/11 13:19	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.9	0.36	1		08/12/11 13:19	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.7	0.60	1		08/12/11 13:19	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.9	0.29	1		08/12/11 13:19	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	0.52	1		08/12/11 13:19	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.9	0.31	1		08/12/11 13:19	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.9	0.45	1		08/12/11 13:19	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.9	0.39	1		08/12/11 13:19	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.9	0.30	1		08/12/11 13:19	594-20-7	
2-Butanone (MEK)	ND	ug/kg	16.2	2.4	1		08/12/11 13:19	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.9	0.51	1		08/12/11 13:19	95-49-8	
2-Hexanone	ND	ug/kg	16.2	0.58	1		08/12/11 13:19	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.9	0.43	1		08/12/11 13:19	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.2	0.49	1		08/12/11 13:19	108-10-1	
Acetone	24.4	ug/kg	16.2	1.8	1		08/12/11 13:19	67-64-1	1n
Benzene	0.94J	ug/kg	4.9	0.24	1		08/12/11 13:19	71-43-2	B
Bromobenzene	ND	ug/kg	4.9	0.38	1		08/12/11 13:19	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	0.36	1		08/12/11 13:19	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	0.19	1		08/12/11 13:19	75-27-4	
Bromoform	ND	ug/kg	4.9	0.37	1		08/12/11 13:19	75-25-2	
Bromomethane	ND	ug/kg	4.9	0.51	1		08/12/11 13:19	74-83-9	
Carbon disulfide	2.6J	ug/kg	4.9	0.45	1		08/12/11 13:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	0.29	1		08/12/11 13:19	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	0.30	1		08/12/11 13:19	108-90-7	
Chloroethane	ND	ug/kg	4.9	0.47	1		08/12/11 13:19	75-00-3	
Chloroform	ND	ug/kg	4.9	0.31	1		08/12/11 13:19	67-66-3	
Chloromethane	ND	ug/kg	4.9	0.33	1		08/12/11 13:19	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	0.16	1		08/12/11 13:19	124-48-1	
Dibromomethane	ND	ug/kg	4.9	0.34	1		08/12/11 13:19	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.9	0.67	1		08/12/11 13:19	75-71-8	
Ethylbenzene	ND	ug/kg	4.9	0.61	1		08/12/11 13:19	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 10-12 **Lab ID:** 258722026 Collected: 08/03/11 09:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	0.48	1		08/12/11 13:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	0.56	1		08/12/11 13:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.9	0.40	1		08/12/11 13:19	1634-04-4	
Methylene chloride	ND	ug/kg	16.2	4.3	1		08/12/11 13:19	75-09-2	
Naphthalene	ND	ug/kg	4.9	0.89	1		08/12/11 13:19	91-20-3	
Styrene	ND	ug/kg	4.9	0.47	1		08/12/11 13:19	100-42-5	
Tetrachloroethene	ND	ug/kg	4.9	0.62	1		08/12/11 13:19	127-18-4	
Toluene	1.0J	ug/kg	4.9	0.50	1		08/12/11 13:19	108-88-3	B
Trichloroethene	ND	ug/kg	4.9	0.34	1		08/12/11 13:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	0.37	1		08/12/11 13:19	75-69-4	
Vinyl chloride	ND	ug/kg	4.9	0.45	1		08/12/11 13:19	75-01-4	
Xylene (Total)	2.8J	ug/kg	14.6	1.2	1		08/12/11 13:19	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.9	0.34	1		08/12/11 13:19	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	0.21	1		08/12/11 13:19	10061-01-5	
m&p-Xylene	2.2J	ug/kg	9.7	1.2	1		08/12/11 13:19	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.9	0.74	1		08/12/11 13:19	104-51-8	
n-Propylbenzene	ND	ug/kg	4.9	0.57	1		08/12/11 13:19	103-65-1	
o-Xylene	0.55J	ug/kg	4.9	0.53	1		08/12/11 13:19	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.9	0.62	1		08/12/11 13:19	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.9	0.68	1		08/12/11 13:19	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.9	0.42	1		08/12/11 13:19	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.9	0.56	1		08/12/11 13:19	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	0.49	1		08/12/11 13:19	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	0.34	1		08/12/11 13:19	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/12/11 13:19	1868-53-7	
Toluene-d8 (S)	95	%	69-133		1		08/12/11 13:19	2037-26-5	
4-Bromofluorobenzene (S)	99	%	67-142		1		08/12/11 13:19	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	67-136		1		08/12/11 13:19	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	46.7	%	0.10	0.10	1		08/05/11 15:50		

Sample: SUP_SL_55 12-14 **Lab ID:** 258722027 Collected: 08/03/11 09:50 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	20.7	10.4	1	08/10/11 15:40	08/15/11 21:27		
Motor Oil Range SG	ND	mg/kg	82.9	41.4	1	08/10/11 15:40	08/15/11 21:27	64742-65-0	
Surrogates									
n-Octacosane (S) SG	93	%	50-150		1	08/10/11 15:40	08/15/11 21:27	630-02-4	
o-Terphenyl (S) SG	83	%	50-150		1	08/10/11 15:40	08/15/11 21:27	84-15-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 12-14 Lab ID: 258722027 Collected: 08/03/11 09:50 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.95J	mg/kg	8.2	0.33	1	08/05/11 11:00	08/05/11 22:19		
Surrogates									
a,a,a-Trifluorotoluene (S)	106	%	50-150		1	08/05/11 11:00	08/05/11 22:19	98-08-8	
4-Bromofluorobenzene (S)	92	%	50-150		1	08/05/11 11:00	08/05/11 22:19	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	55.3	mg/kg	10.1	1.5	5	08/14/11 16:32	08/18/11 17:24	7440-38-2	
Cadmium	ND	mg/kg	5.0	0.055	5	08/14/11 16:32	08/18/11 17:24	7440-43-9	
Lead	47.2	mg/kg	1.0	0.063	1	08/14/11 16:32	08/18/11 19:06	7439-92-1	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	0.21	1		08/12/11 13:36	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.2	0.26	1		08/12/11 13:36	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	0.39	1		08/12/11 13:36	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.2	0.39	1		08/12/11 13:36	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	0.57	1		08/12/11 13:36	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.2	0.33	1		08/12/11 13:36	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.2	0.52	1		08/12/11 13:36	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.2	0.49	1		08/12/11 13:36	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	0.39	1		08/12/11 13:36	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.2	0.48	1		08/12/11 13:36	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	0.34	1		08/12/11 13:36	120-82-1	
1,2,4-Trimethylbenzene	0.96J	ug/kg	4.2	0.73	1		08/12/11 13:36	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	0.55	1		08/12/11 13:36	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	0.30	1		08/12/11 13:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	0.35	1		08/12/11 13:36	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.2	0.31	1		08/12/11 13:36	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.4	0.52	1		08/12/11 13:36	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.2	0.25	1		08/12/11 13:36	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	0.45	1		08/12/11 13:36	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.2	0.27	1		08/12/11 13:36	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.2	0.39	1		08/12/11 13:36	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.2	0.34	1		08/12/11 13:36	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.2	0.26	1		08/12/11 13:36	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.1	2.1	1		08/12/11 13:36	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.2	0.44	1		08/12/11 13:36	95-49-8	
2-Hexanone	ND	ug/kg	14.1	0.51	1		08/12/11 13:36	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.2	0.37	1		08/12/11 13:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.1	0.43	1		08/12/11 13:36	108-10-1	
Acetone	28.8	ug/kg	14.1	1.5	1		08/12/11 13:36	67-64-1	1n
Benzene	0.72J	ug/kg	4.2	0.21	1		08/12/11 13:36	71-43-2	B
Bromobenzene	ND	ug/kg	4.2	0.33	1		08/12/11 13:36	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	0.31	1		08/12/11 13:36	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	0.17	1		08/12/11 13:36	75-27-4	
Bromoform	ND	ug/kg	4.2	0.33	1		08/12/11 13:36	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 12-14 Lab ID: 258722027 Collected: 08/03/11 09:50 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	3.7J	ug/kg	4.2	0.45	1		08/12/11 13:36	74-83-9	
Carbon disulfide	5.7	ug/kg	4.2	0.39	1		08/12/11 13:36	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	0.25	1		08/12/11 13:36	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	0.26	1		08/12/11 13:36	108-90-7	
Chloroethane	ND	ug/kg	4.2	0.41	1		08/12/11 13:36	75-00-3	
Chloroform	ND	ug/kg	4.2	0.27	1		08/12/11 13:36	67-66-3	
Chloromethane	1.4J	ug/kg	4.2	0.29	1		08/12/11 13:36	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	0.14	1		08/12/11 13:36	124-48-1	
Dibromomethane	ND	ug/kg	4.2	0.29	1		08/12/11 13:36	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.2	0.58	1		08/12/11 13:36	75-71-8	
Ethylbenzene	ND	ug/kg	4.2	0.53	1		08/12/11 13:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	0.42	1		08/12/11 13:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	0.49	1		08/12/11 13:36	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	0.35	1		08/12/11 13:36	1634-04-4	
Methylene chloride	ND	ug/kg	14.1	3.7	1		08/12/11 13:36	75-09-2	
Naphthalene	ND	ug/kg	4.2	0.77	1		08/12/11 13:36	91-20-3	
Styrene	ND	ug/kg	4.2	0.40	1		08/12/11 13:36	100-42-5	
Tetrachloroethene	ND	ug/kg	4.2	0.54	1		08/12/11 13:36	127-18-4	
Toluene	0.92J	ug/kg	4.2	0.43	1		08/12/11 13:36	108-88-3	B
Trichloroethene	ND	ug/kg	4.2	0.30	1		08/12/11 13:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	0.32	1		08/12/11 13:36	75-69-4	
Vinyl chloride	ND	ug/kg	4.2	0.39	1		08/12/11 13:36	75-01-4	
Xylene (Total)	2.5J	ug/kg	12.7	1.1	1		08/12/11 13:36	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.2	0.29	1		08/12/11 13:36	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	0.18	1		08/12/11 13:36	10061-01-5	
m&p-Xylene	1.9J	ug/kg	8.4	1.1	1		08/12/11 13:36	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.2	0.64	1		08/12/11 13:36	104-51-8	
n-Propylbenzene	ND	ug/kg	4.2	0.49	1		08/12/11 13:36	103-65-1	
o-Xylene	0.55J	ug/kg	4.2	0.46	1		08/12/11 13:36	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.2	0.54	1		08/12/11 13:36	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.2	0.59	1		08/12/11 13:36	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.2	0.36	1		08/12/11 13:36	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.2	0.48	1		08/12/11 13:36	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	0.42	1		08/12/11 13:36	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	0.30	1		08/12/11 13:36	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	72-129		1		08/12/11 13:36	1868-53-7	
Toluene-d8 (S)	98	%	69-133		1		08/12/11 13:36	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/12/11 13:36	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	67-136		1		08/12/11 13:36	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	26.5	%	0.10	0.10	1		08/08/11 16:28		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_55 14-16 Lab ID: 258722028 Collected: 08/03/11 09:52 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	20.0	10	1	08/10/11 15:40	08/15/11 22:37		
Motor Oil Range SG	ND	mg/kg	80.0	40.0	1	08/10/11 15:40	08/15/11 22:37	64742-65-0	
Surrogates									
n-Octacosane (S) SG	96 %		50-150		1	08/10/11 15:40	08/15/11 22:37	630-02-4	
o-Terphenyl (S) SG	84 %		50-150		1	08/10/11 15:40	08/15/11 22:37	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.73J	mg/kg	7.3	0.29	1	08/05/11 11:00	08/05/11 22:42		
Surrogates									
a,a,a-Trifluorotoluene (S)	108 %		50-150		1	08/05/11 11:00	08/05/11 22:42	98-08-8	
4-Bromofluorobenzene (S)	94 %		50-150		1	08/05/11 11:00	08/05/11 22:42	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.9	mg/kg	2.1	0.32	1	08/14/11 16:32	08/18/11 19:10	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	08/14/11 16:32	08/18/11 19:10	7440-43-9	
Lead	2.9	mg/kg	1.1	0.067	1	08/14/11 16:32	08/18/11 19:10	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/12/11 13:53	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/12/11 13:53	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 13:53	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 13:53	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/12/11 13:53	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/12/11 13:53	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/12/11 13:53	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/12/11 13:53	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/12/11 13:53	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/12/11 13:53	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 13:53	120-82-1	
1,2,4-Trimethylbenzene	0.59J	ug/kg	3.0	0.52	1		08/12/11 13:53	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/12/11 13:53	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/12/11 13:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/12/11 13:53	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/12/11 13:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/12/11 13:53	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/12/11 13:53	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/12/11 13:53	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/12/11 13:53	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/12/11 13:53	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 13:53	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/12/11 13:53	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/12/11 13:53	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.32	1		08/12/11 13:53	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/12/11 13:53	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/12/11 13:53	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 14-16 Lab ID: 258722028 Collected: 08/03/11 09:52 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.31	1		08/12/11 13:53	108-10-1	
Acetone	9.0J	ug/kg	10.0	1.1	1		08/12/11 13:53	67-64-1	
Benzene	0.49J	ug/kg	3.0	0.15	1		08/12/11 13:53	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 13:53	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/12/11 13:53	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/12/11 13:53	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/12/11 13:53	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/12/11 13:53	74-83-9	
Carbon disulfide	0.44J	ug/kg	3.0	0.28	1		08/12/11 13:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/12/11 13:53	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/12/11 13:53	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/12/11 13:53	75-00-3	
Chloroform	ND	ug/kg	3.0	0.20	1		08/12/11 13:53	67-66-3	
Chloromethane	0.42J	ug/kg	3.0	0.21	1		08/12/11 13:53	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/12/11 13:53	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/12/11 13:53	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/12/11 13:53	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/12/11 13:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/12/11 13:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/12/11 13:53	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/12/11 13:53	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	2.6	1		08/12/11 13:53	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		08/12/11 13:53	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/12/11 13:53	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/12/11 13:53	127-18-4	
Toluene	0.51J	ug/kg	3.0	0.31	1		08/12/11 13:53	108-88-3	B
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 13:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/12/11 13:53	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/12/11 13:53	75-01-4	
Xylene (Total)	1.5J	ug/kg	9.0	0.75	1		08/12/11 13:53	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 13:53	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/12/11 13:53	10061-01-5	
m&p-Xylene	1.2J	ug/kg	6.0	0.75	1		08/12/11 13:53	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/12/11 13:53	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/12/11 13:53	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/12/11 13:53	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.39	1		08/12/11 13:53	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/12/11 13:53	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/12/11 13:53	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.35	1		08/12/11 13:53	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/12/11 13:53	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/12/11 13:53	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/12/11 13:53	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 13:53	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_55 14-16 **Lab ID: 258722028** Collected: 08/03/11 09:52 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
4-Bromofluorobenzene (S)	100 %		67-142		1		08/12/11 13:53	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/12/11 13:53	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	21.9 %		0.10	0.10	1		08/08/11 16:29		

Sample: Trip Blank #6 **Lab ID: 258722029** Collected: 08/03/11 09:55 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.4J	mg/kg	5.0	0.20	1	08/05/11 11:00	08/05/11 14:04		
<i>Surrogates</i>									
a,a,a-Trifluorotoluene (S)	96 %		50-150		1	08/05/11 11:00	08/05/11 14:04	98-08-8	
4-Bromofluorobenzene (S)	82 %		50-150		1	08/05/11 11:00	08/05/11 14:04	460-00-4	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/11/11 15:25	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/11/11 15:25	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/11/11 15:25	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/11/11 15:25	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/11/11 15:25	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/11/11 15:25	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/11/11 15:25	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/11/11 15:25	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/11/11 15:25	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/11/11 15:25	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/11/11 15:25	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/11/11 15:25	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/11/11 15:25	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/11/11 15:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/11/11 15:25	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/11/11 15:25	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/11/11 15:25	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/11/11 15:25	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/11/11 15:25	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/11/11 15:25	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/11/11 15:25	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/11/11 15:25	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/11/11 15:25	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/11/11 15:25	78-93-3	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: Trip Blank #6 Lab ID: 258722029 Collected: 08/03/11 09:55 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/11/11 15:25	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/11/11 15:25	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/11/11 15:25	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/11/11 15:25	108-10-1	
Acetone	ND	ug/kg	10.0	1.1	1		08/11/11 15:25	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		08/11/11 15:25	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/11/11 15:25	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/11/11 15:25	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/11/11 15:25	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/11/11 15:25	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/11/11 15:25	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		08/11/11 15:25	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/11/11 15:25	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/11/11 15:25	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/11/11 15:25	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/11/11 15:25	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/11/11 15:25	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/11/11 15:25	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/11/11 15:25	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/11/11 15:25	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/11/11 15:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/11/11 15:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/11/11 15:25	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/11/11 15:25	1634-04-4	
Methylene chloride	3.6J	ug/kg	10.0	2.6	1		08/11/11 15:25	75-09-2	B
Naphthalene	ND	ug/kg	3.0	0.55	1		08/11/11 15:25	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/11/11 15:25	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/11/11 15:25	127-18-4	
Toluene	0.32J	ug/kg	3.0	0.31	1		08/11/11 15:25	108-88-3	B
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/11/11 15:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/11/11 15:25	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/11/11 15:25	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/11/11 15:25	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/11/11 15:25	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/11/11 15:25	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/11/11 15:25	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/11/11 15:25	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/11/11 15:25	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/11/11 15:25	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/11/11 15:25	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/11/11 15:25	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/11/11 15:25	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/11/11 15:25	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/11/11 15:25	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/11/11 15:25	10061-02-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: Trip Blank #6 **Lab ID: 258722029** Collected: 08/03/11 09:55 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
Dibromofluoromethane (S)	102 %		72-129		1		08/11/11 15:25	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/11/11 15:25	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/11/11 15:25	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		67-136		1		08/11/11 15:25	17060-07-0	

Sample: SUP_SL_57 0-1 **Lab ID: 258722030** Collected: 08/03/11 11:24 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	30.3 mg/kg		16.2	8.1	1	08/10/11 15:40	08/16/11 03:18		
Motor Oil Range SG	227 mg/kg		65.0	32.5	1	08/10/11 15:40	08/16/11 03:18	64742-65-0	
<i>Surrogates</i>									
n-Octacosane (S) SG	103 %		50-150		1	08/10/11 15:40	08/16/11 03:18	630-02-4	
o-Terphenyl (S) SG	89 %		50-150		1	08/10/11 15:40	08/16/11 03:18	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.57J mg/kg		4.8	0.19	1	08/05/11 11:00	08/05/11 23:06		
<i>Surrogates</i>									
a,a,a-Trifluorotoluene (S)	108 %		50-150		1	08/05/11 11:00	08/05/11 23:06	98-08-8	
4-Bromofluorobenzene (S)	94 %		50-150		1	08/05/11 11:00	08/05/11 23:06	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	2.9J mg/kg		9.9	1.5	5	08/14/11 16:32	08/19/11 17:20	7440-38-2	
Cadmium	ND mg/kg		5.0	0.055	5	08/14/11 16:32	08/18/11 17:38	7440-43-9	
Lead	2.6 mg/kg		0.99	0.062	1	08/14/11 16:32	08/18/11 19:14	7439-92-1	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND ug/kg		2.8	0.14	1		08/12/11 15:01	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		2.8	0.17	1		08/12/11 15:01	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		2.8	0.26	1		08/12/11 15:01	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		2.8	0.26	1		08/12/11 15:01	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		2.8	0.38	1		08/12/11 15:01	76-13-1	
1,1-Dichloroethane	ND ug/kg		2.8	0.22	1		08/12/11 15:01	75-34-3	
1,1-Dichloroethene	ND ug/kg		2.8	0.35	1		08/12/11 15:01	75-35-4	
1,1-Dichloropropene	ND ug/kg		2.8	0.33	1		08/12/11 15:01	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		2.8	0.26	1		08/12/11 15:01	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		2.8	0.32	1		08/12/11 15:01	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		2.8	0.23	1		08/12/11 15:01	120-82-1	
1,2,4-Trimethylbenzene	0.64J ug/kg		2.8	0.49	1		08/12/11 15:01	95-63-6	B
1,2-Dibromo-3-chloropropane	ND ug/kg		4.7	0.37	1		08/12/11 15:01	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 0-1 Lab ID: 258722030 Collected: 08/03/11 11:24 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	0.20	1		08/12/11 15:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.8	0.23	1		08/12/11 15:01	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.8	0.21	1		08/12/11 15:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.6	0.35	1		08/12/11 15:01	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.8	0.17	1		08/12/11 15:01	78-87-5	
1,3,5-Trimethylbenzene	0.50J	ug/kg	2.8	0.30	1		08/12/11 15:01	108-67-8	B
1,3-Dichlorobenzene	ND	ug/kg	2.8	0.18	1		08/12/11 15:01	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.8	0.26	1		08/12/11 15:01	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.8	0.23	1		08/12/11 15:01	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.8	0.18	1		08/12/11 15:01	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.4	1.4	1		08/12/11 15:01	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.8	0.30	1		08/12/11 15:01	95-49-8	
2-Hexanone	ND	ug/kg	9.4	0.34	1		08/12/11 15:01	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.8	0.25	1		08/12/11 15:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.4	0.29	1		08/12/11 15:01	108-10-1	
Acetone	10.7	ug/kg	9.4	1.0	1		08/12/11 15:01	67-64-1	1n
Benzene	0.92J	ug/kg	2.8	0.14	1		08/12/11 15:01	71-43-2	B
Bromobenzene	ND	ug/kg	2.8	0.22	1		08/12/11 15:01	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	0.21	1		08/12/11 15:01	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	0.11	1		08/12/11 15:01	75-27-4	
Bromoform	ND	ug/kg	2.8	0.22	1		08/12/11 15:01	75-25-2	
Bromomethane	ND	ug/kg	2.8	0.30	1		08/12/11 15:01	74-83-9	
Carbon disulfide	ND	ug/kg	2.8	0.26	1		08/12/11 15:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.8	0.17	1		08/12/11 15:01	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	0.17	1		08/12/11 15:01	108-90-7	
Chloroethane	ND	ug/kg	2.8	0.27	1		08/12/11 15:01	75-00-3	
Chloroform	ND	ug/kg	2.8	0.18	1		08/12/11 15:01	67-66-3	
Chloromethane	ND	ug/kg	2.8	0.19	1		08/12/11 15:01	74-87-3	
Dibromochloromethane	ND	ug/kg	2.8	0.094	1		08/12/11 15:01	124-48-1	
Dibromomethane	ND	ug/kg	2.8	0.20	1		08/12/11 15:01	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.8	0.39	1		08/12/11 15:01	75-71-8	
Ethylbenzene	ND	ug/kg	2.8	0.36	1		08/12/11 15:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.8	0.28	1		08/12/11 15:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	0.33	1		08/12/11 15:01	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.8	0.23	1		08/12/11 15:01	1634-04-4	
Methylene chloride	ND	ug/kg	9.4	2.5	1		08/12/11 15:01	75-09-2	
Naphthalene	ND	ug/kg	2.8	0.51	1		08/12/11 15:01	91-20-3	
Styrene	ND	ug/kg	2.8	0.27	1		08/12/11 15:01	100-42-5	
Tetrachloroethene	ND	ug/kg	2.8	0.36	1		08/12/11 15:01	127-18-4	
Toluene	1.2J	ug/kg	2.8	0.29	1		08/12/11 15:01	108-88-3	B
Trichloroethene	ND	ug/kg	2.8	0.20	1		08/12/11 15:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.8	0.22	1		08/12/11 15:01	75-69-4	
Vinyl chloride	ND	ug/kg	2.8	0.26	1		08/12/11 15:01	75-01-4	
Xylene (Total)	1.8J	ug/kg	8.4	0.70	1		08/12/11 15:01	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	2.8	0.20	1		08/12/11 15:01	156-59-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 0-1 **Lab ID:** 258722030 Collected: 08/03/11 11:24 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,3-Dichloropropene	ND	ug/kg	2.8	0.12	1		08/12/11 15:01	10061-01-5	
m&p-Xylene	1.3J	ug/kg	5.6	0.70	1		08/12/11 15:01	179601-23-1	B
n-Butylbenzene	ND	ug/kg	2.8	0.43	1		08/12/11 15:01	104-51-8	
n-Propylbenzene	ND	ug/kg	2.8	0.33	1		08/12/11 15:01	103-65-1	
o-Xylene	0.48J	ug/kg	2.8	0.31	1		08/12/11 15:01	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	2.8	0.36	1		08/12/11 15:01	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.8	0.39	1		08/12/11 15:01	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.8	0.24	1		08/12/11 15:01	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.8	0.32	1		08/12/11 15:01	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	0.28	1		08/12/11 15:01	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	0.20	1		08/12/11 15:01	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/12/11 15:01	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/12/11 15:01	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/12/11 15:01	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/12/11 15:01	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	5.7 %		0.10	0.10	1		08/08/11 16:30		
------------------	--------------	--	------	------	---	--	----------------	--	--

Sample: SUP_SL_57 1-2 **Lab ID:** 258722031 Collected: 08/03/11 11:27 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	36.7	mg/kg	17.6	8.8	1	08/10/11 15:40	08/15/11 23:01		
Motor Oil Range SG	86.2	mg/kg	70.3	35.1	1	08/10/11 15:40	08/15/11 23:01	64742-65-0	
Surrogates									
n-Octacosane (S) SG	112 %		50-150		1	08/10/11 15:40	08/15/11 23:01	630-02-4	
o-Terphenyl (S) SG	97 %		50-150		1	08/10/11 15:40	08/15/11 23:01	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.5J	mg/kg	5.6	0.23	1	08/05/11 12:00	08/06/11 01:51		
Surrogates									
a,a,a-Trifluorotoluene (S)	116 %		50-150		1	08/05/11 12:00	08/06/11 01:51	98-08-8	
4-Bromofluorobenzene (S)	98 %		50-150		1	08/05/11 12:00	08/06/11 01:51	460-00-4	

6010 MET ICP

Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	5.2	mg/kg	2.2	0.33	1	08/14/11 16:32	08/18/11 19:17	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	08/14/11 16:32	08/18/11 19:17	7440-43-9	
Lead	4.5	mg/kg	1.1	0.069	1	08/14/11 16:32	08/18/11 19:17	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_57 1-2 Lab ID: 258722031 Collected: 08/03/11 11:27 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	0.21	1		08/12/11 14:44	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.4	0.27	1		08/12/11 14:44	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	0.40	1		08/12/11 14:44	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.4	0.41	1		08/12/11 14:44	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	0.59	1		08/12/11 14:44	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.4	0.35	1		08/12/11 14:44	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.4	0.54	1		08/12/11 14:44	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.4	0.51	1		08/12/11 14:44	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	0.41	1		08/12/11 14:44	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.4	0.50	1		08/12/11 14:44	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	0.35	1		08/12/11 14:44	120-82-1	
1,2,4-Trimethylbenzene	1.1J	ug/kg	4.4	0.76	1		08/12/11 14:44	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	0.57	1		08/12/11 14:44	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	0.31	1		08/12/11 14:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	0.36	1		08/12/11 14:44	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.4	0.32	1		08/12/11 14:44	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.8	0.54	1		08/12/11 14:44	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.4	0.26	1		08/12/11 14:44	78-87-5	
1,3,5-Trimethylbenzene	1.4J	ug/kg	4.4	0.47	1		08/12/11 14:44	108-67-8	B
1,3-Dichlorobenzene	ND	ug/kg	4.4	0.28	1		08/12/11 14:44	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.4	0.40	1		08/12/11 14:44	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.4	0.35	1		08/12/11 14:44	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.4	0.27	1		08/12/11 14:44	594-20-7	
2-Butanone (MEK)	19.0	ug/kg	14.6	2.2	1		08/12/11 14:44	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.4	0.46	1		08/12/11 14:44	95-49-8	
2-Hexanone	ND	ug/kg	14.6	0.52	1		08/12/11 14:44	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.4	0.39	1		08/12/11 14:44	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.6	0.44	1		08/12/11 14:44	108-10-1	
Acetone	47.6	ug/kg	14.6	1.6	1		08/12/11 14:44	67-64-1	1n
Benzene	1.2J	ug/kg	4.4	0.22	1		08/12/11 14:44	71-43-2	B
Bromobenzene	ND	ug/kg	4.4	0.34	1		08/12/11 14:44	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	0.32	1		08/12/11 14:44	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	0.17	1		08/12/11 14:44	75-27-4	
Bromoform	ND	ug/kg	4.4	0.34	1		08/12/11 14:44	75-25-2	
Bromomethane	ND	ug/kg	4.4	0.46	1		08/12/11 14:44	74-83-9	
Carbon disulfide	3.3J	ug/kg	4.4	0.41	1		08/12/11 14:44	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	0.26	1		08/12/11 14:44	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	0.27	1		08/12/11 14:44	108-90-7	
Chloroethane	ND	ug/kg	4.4	0.42	1		08/12/11 14:44	75-00-3	
Chloroform	ND	ug/kg	4.4	0.28	1		08/12/11 14:44	67-66-3	
Chloromethane	ND	ug/kg	4.4	0.30	1		08/12/11 14:44	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	0.15	1		08/12/11 14:44	124-48-1	
Dibromomethane	ND	ug/kg	4.4	0.30	1		08/12/11 14:44	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.4	0.61	1		08/12/11 14:44	75-71-8	
Ethylbenzene	ND	ug/kg	4.4	0.55	1		08/12/11 14:44	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 1-2 Lab ID: 258722031 Collected: 08/03/11 11:27 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	0.43	1		08/12/11 14:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	0.51	1		08/12/11 14:44	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	0.36	1		08/12/11 14:44	1634-04-4	
Methylene chloride	ND	ug/kg	14.6	3.9	1		08/12/11 14:44	75-09-2	
Naphthalene	ND	ug/kg	4.4	0.80	1		08/12/11 14:44	91-20-3	
Styrene	ND	ug/kg	4.4	0.42	1		08/12/11 14:44	100-42-5	
Tetrachloroethene	ND	ug/kg	4.4	0.56	1		08/12/11 14:44	127-18-4	
Toluene	0.75J	ug/kg	4.4	0.45	1		08/12/11 14:44	108-88-3	B
Trichloroethene	ND	ug/kg	4.4	0.31	1		08/12/11 14:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	0.33	1		08/12/11 14:44	75-69-4	
Vinyl chloride	ND	ug/kg	4.4	0.41	1		08/12/11 14:44	75-01-4	
Xylene (Total)	2.5J	ug/kg	13.1	1.1	1		08/12/11 14:44	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	4.4	0.30	1		08/12/11 14:44	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	0.19	1		08/12/11 14:44	10061-01-5	
m&p-Xylene	1.9J	ug/kg	8.8	1.1	1		08/12/11 14:44	179601-23-1	B
n-Butylbenzene	ND	ug/kg	4.4	0.67	1		08/12/11 14:44	104-51-8	
n-Propylbenzene	ND	ug/kg	4.4	0.51	1		08/12/11 14:44	103-65-1	
o-Xylene	0.53J	ug/kg	4.4	0.48	1		08/12/11 14:44	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	4.4	0.56	1		08/12/11 14:44	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.4	0.61	1		08/12/11 14:44	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.4	0.38	1		08/12/11 14:44	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.4	0.50	1		08/12/11 14:44	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	0.44	1		08/12/11 14:44	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	0.31	1		08/12/11 14:44	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/12/11 14:44	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 14:44	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/12/11 14:44	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		67-136		1		08/12/11 14:44	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 11.0 % 0.10 0.10 1 08/08/11 16:30

Sample: SUP_SL_57 2-4 Lab ID: 258722032 Collected: 08/03/11 11:31 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	22.2	mg/kg	18.4	9.2	1	08/10/11 15:40	08/15/11 23:47		
Motor Oil Range SG	60.5J	mg/kg	73.4	36.7	1	08/10/11 15:40	08/15/11 23:47	64742-65-0	
Surrogates									
n-Octacosane (S) SG	100 %		50-150		1	08/10/11 15:40	08/15/11 23:47	630-02-4	
o-Terphenyl (S) SG	88 %		50-150		1	08/10/11 15:40	08/15/11 23:47	84-15-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 2-4 Lab ID: 258722032 Collected: 08/03/11 11:31 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.4J	mg/kg	6.9	0.28	1	08/05/11 12:00	08/06/11 02:37		
Surrogates									
a,a,a-Trifluorotoluene (S)	121	%	50-150		1	08/05/11 12:00	08/06/11 02:37	98-08-8	
4-Bromofluorobenzene (S)	96	%	50-150		1	08/05/11 12:00	08/06/11 02:37	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	39.4	mg/kg	10.2	1.5	5	08/14/11 16:32	08/19/11 17:23	7440-38-2	
Cadmium	0.80J	mg/kg	5.1	0.056	5	08/14/11 16:32	08/18/11 17:46	7440-43-9	
Lead	103	mg/kg	1.0	0.065	1	08/14/11 16:32	08/18/11 19:21	7439-92-1	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8	0.14	1		08/17/11 19:48	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.8	0.17	1		08/17/11 19:48	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8	0.26	1		08/17/11 19:48	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.8	0.26	1		08/17/11 19:48	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.8	0.37	1		08/17/11 19:48	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.8	0.22	1		08/17/11 19:48	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.8	0.34	1		08/17/11 19:48	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.8	0.32	1		08/17/11 19:48	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.8	0.26	1		08/17/11 19:48	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.8	0.32	1		08/17/11 19:48	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.8	0.22	1		08/17/11 19:48	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.8	0.48	1		08/17/11 19:48	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	0.36	1		08/17/11 19:48	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	0.19	1		08/17/11 19:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.8	0.23	1		08/17/11 19:48	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.8	0.21	1		08/17/11 19:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.5	0.34	1		08/17/11 19:48	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.8	0.17	1		08/17/11 19:48	78-87-5	
1,3,5-Trimethylbenzene	1.4J	ug/kg	2.8	0.29	1		08/17/11 19:48	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.8	0.18	1		08/17/11 19:48	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.8	0.26	1		08/17/11 19:48	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.8	0.22	1		08/17/11 19:48	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.8	0.17	1		08/17/11 19:48	594-20-7	
2-Butanone (MEK)	8.9J	ug/kg	9.2	1.4	1		08/17/11 19:48	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.8	0.29	1		08/17/11 19:48	95-49-8	
2-Hexanone	ND	ug/kg	9.2	0.33	1		08/17/11 19:48	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.8	0.25	1		08/17/11 19:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.2	0.28	1		08/17/11 19:48	108-10-1	
Acetone	32.4	ug/kg	9.2	1.0	1		08/17/11 19:48	67-64-1	1n
Benzene	0.77J	ug/kg	2.8	0.14	1		08/17/11 19:48	71-43-2	
Bromobenzene	ND	ug/kg	2.8	0.22	1		08/17/11 19:48	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	0.20	1		08/17/11 19:48	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	0.11	1		08/17/11 19:48	75-27-4	
Bromoform	ND	ug/kg	2.8	0.21	1		08/17/11 19:48	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 2-4 **Lab ID:** 258722032 Collected: 08/03/11 11:31 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	2.8	0.29	1		08/17/11 19:48	74-83-9	
Carbon disulfide	2.6J	ug/kg	2.8	0.26	1		08/17/11 19:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.8	0.17	1		08/17/11 19:48	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	0.17	1		08/17/11 19:48	108-90-7	
Chloroethane	ND	ug/kg	2.8	0.27	1		08/17/11 19:48	75-00-3	
Chloroform	ND	ug/kg	2.8	0.18	1		08/17/11 19:48	67-66-3	
Chloromethane	ND	ug/kg	2.8	0.19	1		08/17/11 19:48	74-87-3	
Dibromochloromethane	ND	ug/kg	2.8	0.093	1		08/17/11 19:48	124-48-1	
Dibromomethane	ND	ug/kg	2.8	0.19	1		08/17/11 19:48	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.8	0.38	1		08/17/11 19:48	75-71-8	
Ethylbenzene	ND	ug/kg	2.8	0.35	1		08/17/11 19:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.8	0.27	1		08/17/11 19:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	0.32	1		08/17/11 19:48	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.8	0.23	1		08/17/11 19:48	1634-04-4	
Methylene chloride	11.3	ug/kg	9.2	2.4	1		08/17/11 19:48	75-09-2	B
Naphthalene	ND	ug/kg	2.8	0.51	1		08/17/11 19:48	91-20-3	
Styrene	ND	ug/kg	2.8	0.27	1		08/17/11 19:48	100-42-5	
Tetrachloroethene	ND	ug/kg	2.8	0.35	1		08/17/11 19:48	127-18-4	
Toluene	0.34J	ug/kg	2.8	0.29	1		08/17/11 19:48	108-88-3	
Trichloroethene	ND	ug/kg	2.8	0.19	1		08/17/11 19:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.8	0.21	1		08/17/11 19:48	75-69-4	
Vinyl chloride	ND	ug/kg	2.8	0.26	1		08/17/11 19:48	75-01-4	
Xylene (Total)	0.81J	ug/kg	8.3	0.69	1		08/17/11 19:48	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.8	0.19	1		08/17/11 19:48	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.8	0.12	1		08/17/11 19:48	10061-01-5	
m&p-Xylene	ND	ug/kg	5.5	0.69	1		08/17/11 19:48	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.8	0.42	1		08/17/11 19:48	104-51-8	
n-Propylbenzene	ND	ug/kg	2.8	0.33	1		08/17/11 19:48	103-65-1	
o-Xylene	ND	ug/kg	2.8	0.30	1		08/17/11 19:48	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.8	0.36	1		08/17/11 19:48	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.8	0.39	1		08/17/11 19:48	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.8	0.24	1		08/17/11 19:48	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.8	0.32	1		08/17/11 19:48	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	0.28	1		08/17/11 19:48	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	0.19	1		08/17/11 19:48	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/17/11 19:48	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/17/11 19:48	2037-26-5	
4-Bromofluorobenzene (S)	110 %		67-142		1		08/17/11 19:48	460-00-4	
1,2-Dichloroethane-d4 (S)	122 %		67-136		1		08/17/11 19:48	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	18.7 %		0.10	0.10	1		08/08/11 16:31		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 4-6 Lab ID: 258722033 Collected: 08/03/11 11:33 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	29.7	mg/kg	16.2	8.1	1	08/10/11 15:40	08/16/11 03:41		
Motor Oil Range SG	382	mg/kg	64.9	32.4	1	08/10/11 15:40	08/16/11 03:41	64742-65-0	
Surrogates									
n-Octacosane (S) SG	107	%	50-150		1	08/10/11 15:40	08/16/11 03:41	630-02-4	
o-Terphenyl (S) SG	94	%	50-150		1	08/10/11 15:40	08/16/11 03:41	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	2.3J	mg/kg	5.0	0.20	1	08/05/11 12:00	08/06/11 03:25		
Surrogates									
a,a,a-Trifluorotoluene (S)	116	%	50-150		1	08/05/11 12:00	08/06/11 03:25	98-08-8	
4-Bromofluorobenzene (S)	100	%	50-150		1	08/05/11 12:00	08/06/11 03:25	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	10.2	mg/kg	8.6	1.3	5	08/14/11 16:32	08/19/11 17:27	7440-38-2	
Cadmium	ND	mg/kg	4.3	0.047	5	08/14/11 16:32	08/18/11 17:49	7440-43-9	
Lead	21.6	mg/kg	4.3	0.27	5	08/14/11 16:32	08/18/11 17:49	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1	0.15	1		08/12/11 14:10	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.1	0.19	1		08/12/11 14:10	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1	0.28	1		08/12/11 14:10	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.1	0.29	1		08/12/11 14:10	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.1	0.41	1		08/12/11 14:10	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.1	0.24	1		08/12/11 14:10	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.1	0.38	1		08/12/11 14:10	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.1	0.36	1		08/12/11 14:10	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.1	0.29	1		08/12/11 14:10	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.1	0.35	1		08/12/11 14:10	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.1	0.25	1		08/12/11 14:10	120-82-1	
1,2,4-Trimethylbenzene	11.9	ug/kg	3.1	0.53	1		08/12/11 14:10	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	0.40	1		08/12/11 14:10	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	0.22	1		08/12/11 14:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/12/11 14:10	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.1	0.23	1		08/12/11 14:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.2	0.38	1		08/12/11 14:10	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/12/11 14:10	78-87-5	
1,3,5-Trimethylbenzene	4.9	ug/kg	3.1	0.33	1		08/12/11 14:10	108-67-8	B
1,3-Dichlorobenzene	ND	ug/kg	3.1	0.20	1		08/12/11 14:10	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.1	0.28	1		08/12/11 14:10	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/12/11 14:10	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/12/11 14:10	594-20-7	
2-Butanone (MEK)	9.4J	ug/kg	10.3	1.6	1		08/12/11 14:10	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.1	0.32	1		08/12/11 14:10	95-49-8	
2-Hexanone	ND	ug/kg	10.3	0.37	1		08/12/11 14:10	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.1	0.27	1		08/12/11 14:10	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 4-6 Lab ID: 258722033 Collected: 08/03/11 11:33 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.3	0.31	1		08/12/11 14:10	108-10-1	
Acetone	54.2	ug/kg	10.3	1.1	1		08/12/11 14:10	67-64-1	1n
Benzene	0.87J	ug/kg	3.1	0.15	1		08/12/11 14:10	71-43-2	B
Bromobenzene	ND	ug/kg	3.1	0.24	1		08/12/11 14:10	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	0.23	1		08/12/11 14:10	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	0.12	1		08/12/11 14:10	75-27-4	
Bromoform	ND	ug/kg	3.1	0.24	1		08/12/11 14:10	75-25-2	
Bromomethane	ND	ug/kg	3.1	0.33	1		08/12/11 14:10	74-83-9	
Carbon disulfide	14.4	ug/kg	3.1	0.29	1		08/12/11 14:10	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.1	0.19	1		08/12/11 14:10	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	0.19	1		08/12/11 14:10	108-90-7	
Chloroethane	ND	ug/kg	3.1	0.30	1		08/12/11 14:10	75-00-3	
Chloroform	ND	ug/kg	3.1	0.20	1		08/12/11 14:10	67-66-3	
Chloromethane	ND	ug/kg	3.1	0.21	1		08/12/11 14:10	74-87-3	
Dibromochloromethane	ND	ug/kg	3.1	0.10	1		08/12/11 14:10	124-48-1	
Dibromomethane	ND	ug/kg	3.1	0.21	1		08/12/11 14:10	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.1	0.43	1		08/12/11 14:10	75-71-8	
Ethylbenzene	1.7J	ug/kg	3.1	0.39	1		08/12/11 14:10	100-41-4	B
Hexachloro-1,3-butadiene	ND	ug/kg	3.1	0.30	1		08/12/11 14:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	0.36	1		08/12/11 14:10	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.1	0.26	1		08/12/11 14:10	1634-04-4	
Methylene chloride	ND	ug/kg	10.3	2.7	1		08/12/11 14:10	75-09-2	
Naphthalene	ND	ug/kg	3.1	0.56	1		08/12/11 14:10	91-20-3	
Styrene	ND	ug/kg	3.1	0.29	1		08/12/11 14:10	100-42-5	
Tetrachloroethene	ND	ug/kg	3.1	0.39	1		08/12/11 14:10	127-18-4	
Toluene	3.3	ug/kg	3.1	0.32	1		08/12/11 14:10	108-88-3	B
Trichloroethene	ND	ug/kg	3.1	0.22	1		08/12/11 14:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.1	0.24	1		08/12/11 14:10	75-69-4	
Vinyl chloride	ND	ug/kg	3.1	0.29	1		08/12/11 14:10	75-01-4	
Xylene (Total)	11.7	ug/kg	9.2	0.77	1		08/12/11 14:10	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.1	0.21	1		08/12/11 14:10	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	0.13	1		08/12/11 14:10	10061-01-5	
m&p-Xylene	7.5	ug/kg	6.2	0.77	1		08/12/11 14:10	179601-23-1	B
n-Butylbenzene	1.3J	ug/kg	3.1	0.47	1		08/12/11 14:10	104-51-8	B
n-Propylbenzene	1.4J	ug/kg	3.1	0.36	1		08/12/11 14:10	103-65-1	B
o-Xylene	4.1	ug/kg	3.1	0.33	1		08/12/11 14:10	95-47-6	B
p-Isopropyltoluene	ND	ug/kg	3.1	0.39	1		08/12/11 14:10	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.1	0.43	1		08/12/11 14:10	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.1	0.27	1		08/12/11 14:10	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.1	0.35	1		08/12/11 14:10	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	0.31	1		08/12/11 14:10	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	0.22	1		08/12/11 14:10	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/12/11 14:10	1868-53-7	
Toluene-d8 (S)	101 %		69-133		1		08/12/11 14:10	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_57 4-6 **Lab ID: 258722033** Collected: 08/03/11 11:33 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	116 %		67-142		1		08/12/11 14:10	460-00-4	
1,2-Dichloroethane-d4 (S)	107 %		67-136		1		08/12/11 14:10	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	5.4 %		0.10	0.10	1		08/08/11 16:32		

Sample: SUP_SL_57 6-8 **Lab ID: 258722034** Collected: 08/03/11 11:36 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	12.8J mg/kg		16.4	8.2	1	08/10/11 15:40	08/16/11 00:11		
Motor Oil Range SG	49.4J mg/kg		65.7	32.8	1	08/10/11 15:40	08/16/11 00:11	64742-65-0	
Surrogates									
n-Octacosane (S) SG	101 %		50-150		1	08/10/11 15:40	08/16/11 00:11	630-02-4	
o-Terphenyl (S) SG	88 %		50-150		1	08/10/11 15:40	08/16/11 00:11	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.9J mg/kg		5.3	0.21	1	08/05/11 12:00	08/06/11 03:48		
Surrogates									
a,a,a-Trifluorotoluene (S)	117 %		50-150		1	08/05/11 12:00	08/06/11 03:48	98-08-8	
4-Bromofluorobenzene (S)	100 %		50-150		1	08/05/11 12:00	08/06/11 03:48	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	26.8 mg/kg		8.6	1.3	5	08/14/11 16:32	08/19/11 17:31	7440-38-2	
Cadmium	ND mg/kg		4.3	0.047	5	08/14/11 16:32	08/18/11 17:53	7440-43-9	
Lead	31.3 mg/kg		0.86	0.054	1	08/14/11 16:32	08/18/11 19:28	7439-92-1	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		3.0	0.14	1		08/12/11 18:41	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		3.0	0.18	1		08/12/11 18:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		3.0	0.27	1		08/12/11 18:41	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		3.0	0.28	1		08/12/11 18:41	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		3.0	0.40	1		08/12/11 18:41	76-13-1	
1,1-Dichloroethane	ND ug/kg		3.0	0.23	1		08/12/11 18:41	75-34-3	
1,1-Dichloroethene	ND ug/kg		3.0	0.37	1		08/12/11 18:41	75-35-4	
1,1-Dichloropropene	ND ug/kg		3.0	0.34	1		08/12/11 18:41	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		3.0	0.27	1		08/12/11 18:41	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		3.0	0.34	1		08/12/11 18:41	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		3.0	0.24	1		08/12/11 18:41	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		3.0	0.51	1		08/12/11 18:41	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 6-8 Lab ID: 258722034 Collected: 08/03/11 11:36 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	0.39	1		08/12/11 18:41	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/12/11 18:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 18:41	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/12/11 18:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.9	0.37	1		08/12/11 18:41	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/12/11 18:41	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/12/11 18:41	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/12/11 18:41	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.27	1		08/12/11 18:41	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 18:41	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/12/11 18:41	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.9	1.5	1		08/12/11 18:41	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/12/11 18:41	95-49-8	
2-Hexanone	ND	ug/kg	9.9	0.36	1		08/12/11 18:41	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.26	1		08/12/11 18:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.9	0.30	1		08/12/11 18:41	108-10-1	
Acetone	19.5	ug/kg	9.9	1.1	1		08/12/11 18:41	67-64-1	1n
Benzene	0.53J	ug/kg	3.0	0.15	1		08/12/11 18:41	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/12/11 18:41	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/12/11 18:41	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/12/11 18:41	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/12/11 18:41	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.31	1		08/12/11 18:41	74-83-9	
Carbon disulfide	18.6	ug/kg	3.0	0.28	1		08/12/11 18:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/12/11 18:41	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/12/11 18:41	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/12/11 18:41	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/12/11 18:41	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.20	1		08/12/11 18:41	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.099	1		08/12/11 18:41	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/12/11 18:41	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.41	1		08/12/11 18:41	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.37	1		08/12/11 18:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.29	1		08/12/11 18:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.34	1		08/12/11 18:41	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/12/11 18:41	1634-04-4	
Methylene chloride	2.8J	ug/kg	9.9	2.6	1		08/12/11 18:41	75-09-2	B
Naphthalene	ND	ug/kg	3.0	0.54	1		08/12/11 18:41	91-20-3	
Styrene	ND	ug/kg	3.0	0.28	1		08/12/11 18:41	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/12/11 18:41	127-18-4	
Toluene	0.57J	ug/kg	3.0	0.30	1		08/12/11 18:41	108-88-3	B
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 18:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/12/11 18:41	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/12/11 18:41	75-01-4	
Xylene (Total)	1.3J	ug/kg	8.9	0.74	1		08/12/11 18:41	1330-20-7	B

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_57 6-8 Lab ID: 258722034 Collected: 08/03/11 11:36 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 18:41	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/12/11 18:41	10061-01-5	
m&p-Xylene	0.98J	ug/kg	5.9	0.74	1		08/12/11 18:41	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.45	1		08/12/11 18:41	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/12/11 18:41	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.32	1		08/12/11 18:41	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/12/11 18:41	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.41	1		08/12/11 18:41	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/12/11 18:41	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/12/11 18:41	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/12/11 18:41	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/12/11 18:41	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/12/11 18:41	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 18:41	2037-26-5	
4-Bromofluorobenzene (S)	103 %		67-142		1		08/12/11 18:41	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/12/11 18:41	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	11.2 %		0.10	0.10	1		08/08/11 16:32		

Sample: SUP_SL_57 8-10 Lab ID: 258722035 Collected: 08/03/11 11:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	12.7J	mg/kg	18.8	9.4	1	08/10/11 15:40	08/16/11 00:34		
Motor Oil Range SG	117	mg/kg	75.0	37.5	1	08/10/11 15:40	08/16/11 00:34	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103 %		50-150		1	08/10/11 15:40	08/16/11 00:34	630-02-4	
o-Terphenyl (S) SG	91 %		50-150		1	08/10/11 15:40	08/16/11 00:34	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	2.7J	mg/kg	5.6	0.23	1	08/05/11 12:00	08/06/11 04:12		
Surrogates									
a,a,a-Trifluorotoluene (S)	118 %		50-150		1	08/05/11 12:00	08/06/11 04:12	98-08-8	
4-Bromofluorobenzene (S)	101 %		50-150		1	08/05/11 12:00	08/06/11 04:12	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	19.0	mg/kg	8.3	1.2	5	08/14/11 16:32	08/19/11 17:34	7440-38-2	
Cadmium	ND	mg/kg	4.2	0.046	5	08/14/11 16:32	08/18/11 17:57	7440-43-9	
Lead	137	mg/kg	4.2	0.26	5	08/14/11 16:32	08/18/11 17:57	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 8-10 Lab ID: 258722035 Collected: 08/03/11 11:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5	0.12	1		08/12/11 18:24	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.5	0.15	1		08/12/11 18:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5	0.23	1		08/12/11 18:24	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.5	0.23	1		08/12/11 18:24	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.5	0.33	1		08/12/11 18:24	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.5	0.19	1		08/12/11 18:24	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.5	0.30	1		08/12/11 18:24	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.5	0.29	1		08/12/11 18:24	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.5	0.23	1		08/12/11 18:24	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.5	0.28	1		08/12/11 18:24	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.5	0.20	1		08/12/11 18:24	120-82-1	
1,2,4-Trimethylbenzene	4.6	ug/kg	2.5	0.43	1		08/12/11 18:24	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	0.32	1		08/12/11 18:24	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.5	0.17	1		08/12/11 18:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.5	0.20	1		08/12/11 18:24	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.5	0.18	1		08/12/11 18:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	4.9	0.30	1		08/12/11 18:24	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.5	0.15	1		08/12/11 18:24	78-87-5	
1,3,5-Trimethylbenzene	1.8J	ug/kg	2.5	0.26	1		08/12/11 18:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.5	0.16	1		08/12/11 18:24	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.5	0.23	1		08/12/11 18:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.5	0.20	1		08/12/11 18:24	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.5	0.15	1		08/12/11 18:24	594-20-7	
2-Butanone (MEK)	9.8	ug/kg	8.2	1.2	1		08/12/11 18:24	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.5	0.26	1		08/12/11 18:24	95-49-8	
2-Hexanone	ND	ug/kg	8.2	0.30	1		08/12/11 18:24	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.5	0.22	1		08/12/11 18:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.2	0.25	1		08/12/11 18:24	108-10-1	
Acetone	30.7	ug/kg	8.2	0.90	1		08/12/11 18:24	67-64-1	1n
Benzene	0.56J	ug/kg	2.5	0.12	1		08/12/11 18:24	71-43-2	B
Bromobenzene	ND	ug/kg	2.5	0.19	1		08/12/11 18:24	108-86-1	
Bromochloromethane	ND	ug/kg	2.5	0.18	1		08/12/11 18:24	74-97-5	
Bromodichloromethane	ND	ug/kg	2.5	0.097	1		08/12/11 18:24	75-27-4	
Bromoform	ND	ug/kg	2.5	0.19	1		08/12/11 18:24	75-25-2	
Bromomethane	12.6	ug/kg	2.5	0.26	1		08/12/11 18:24	74-83-9	
Carbon disulfide	14.0	ug/kg	2.5	0.23	1		08/12/11 18:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.5	0.15	1		08/12/11 18:24	56-23-5	
Chlorobenzene	ND	ug/kg	2.5	0.15	1		08/12/11 18:24	108-90-7	
Chloroethane	ND	ug/kg	2.5	0.24	1		08/12/11 18:24	75-00-3	
Chloroform	ND	ug/kg	2.5	0.16	1		08/12/11 18:24	67-66-3	
Chloromethane	ND	ug/kg	2.5	0.17	1		08/12/11 18:24	74-87-3	
Dibromochloromethane	ND	ug/kg	2.5	0.083	1		08/12/11 18:24	124-48-1	
Dibromomethane	ND	ug/kg	2.5	0.17	1		08/12/11 18:24	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.5	0.34	1		08/12/11 18:24	75-71-8	
Ethylbenzene	0.79J	ug/kg	2.5	0.31	1		08/12/11 18:24	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 8-10 **Lab ID:** 258722035 Collected: 08/03/11 11:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	2.5	0.24	1		08/12/11 18:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.5	0.28	1		08/12/11 18:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.5	0.21	1		08/12/11 18:24	1634-04-4	
Methylene chloride	2.3J	ug/kg	8.2	2.2	1		08/12/11 18:24	75-09-2	B
Naphthalene	3.1	ug/kg	2.5	0.45	1		08/12/11 18:24	91-20-3	
Styrene	ND	ug/kg	2.5	0.24	1		08/12/11 18:24	100-42-5	
Tetrachloroethene	ND	ug/kg	2.5	0.31	1		08/12/11 18:24	127-18-4	
Toluene	1.4J	ug/kg	2.5	0.25	1		08/12/11 18:24	108-88-3	B
Trichloroethene	ND	ug/kg	2.5	0.17	1		08/12/11 18:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.5	0.19	1		08/12/11 18:24	75-69-4	
Vinyl chloride	ND	ug/kg	2.5	0.23	1		08/12/11 18:24	75-01-4	
Xylene (Total)	5.2J	ug/kg	7.4	0.62	1		08/12/11 18:24	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	2.5	0.17	1		08/12/11 18:24	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.5	0.11	1		08/12/11 18:24	10061-01-5	
m&p-Xylene	3.3J	ug/kg	4.9	0.62	1		08/12/11 18:24	179601-23-1	B
n-Butylbenzene	0.51J	ug/kg	2.5	0.38	1		08/12/11 18:24	104-51-8	
n-Propylbenzene	0.57J	ug/kg	2.5	0.29	1		08/12/11 18:24	103-65-1	
o-Xylene	1.9J	ug/kg	2.5	0.27	1		08/12/11 18:24	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.5	0.32	1		08/12/11 18:24	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.5	0.34	1		08/12/11 18:24	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.5	0.21	1		08/12/11 18:24	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.5	0.28	1		08/12/11 18:24	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.5	0.25	1		08/12/11 18:24	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.5	0.17	1		08/12/11 18:24	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/12/11 18:24	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 18:24	2037-26-5	
4-Bromofluorobenzene (S)	105 %		67-142		1		08/12/11 18:24	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		67-136		1		08/12/11 18:24	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	19.8 %		0.10	0.10	1		08/08/11 16:33		

Sample: SUP_SL_57 10-12 **Lab ID:** 258722036 Collected: 08/03/11 11:42 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	17.1J	mg/kg	18.4	9.2	1	08/10/11 15:40	08/16/11 00:58		
Motor Oil Range SG	52.7J	mg/kg	73.6	36.8	1	08/10/11 15:40	08/16/11 00:58	64742-65-0	
Surrogates									
n-Octacosane (S) SG	106 %		50-150		1	08/10/11 15:40	08/16/11 00:58	630-02-4	
o-Terphenyl (S) SG	91 %		50-150		1	08/10/11 15:40	08/16/11 00:58	84-15-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_57 10-12 Lab ID: 258722036 Collected: 08/03/11 11:42 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.61J	mg/kg	4.5	0.18	1	08/05/11 12:00	08/06/11 04:35		
Surrogates									
a,a,a-Trifluorotoluene (S)	118	%	50-150		1	08/05/11 12:00	08/06/11 04:35	98-08-8	
4-Bromofluorobenzene (S)	98	%	50-150		1	08/05/11 12:00	08/06/11 04:35	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	34.9	mg/kg	9.6	1.4	5	08/14/11 16:32	08/19/11 17:38	7440-38-2	
Cadmium	ND	mg/kg	4.8	0.053	5	08/14/11 16:32	08/18/11 18:00	7440-43-9	
Lead	122	mg/kg	0.96	0.060	1	08/14/11 16:32	08/18/11 19:35	7439-92-1	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	0.13	1		08/12/11 18:07	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.7	0.17	1		08/12/11 18:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	0.25	1		08/12/11 18:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.7	0.25	1		08/12/11 18:07	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	0.37	1		08/12/11 18:07	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.7	0.21	1		08/12/11 18:07	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.7	0.34	1		08/12/11 18:07	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.7	0.32	1		08/12/11 18:07	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	0.25	1		08/12/11 18:07	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.7	0.31	1		08/12/11 18:07	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	0.22	1		08/12/11 18:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	0.47	1		08/12/11 18:07	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	0.35	1		08/12/11 18:07	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	0.19	1		08/12/11 18:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		08/12/11 18:07	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.7	0.20	1		08/12/11 18:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.4	0.34	1		08/12/11 18:07	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.7	0.16	1		08/12/11 18:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	0.29	1		08/12/11 18:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.7	0.17	1		08/12/11 18:07	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.7	0.25	1		08/12/11 18:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		08/12/11 18:07	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.7	0.17	1		08/12/11 18:07	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.1	1.4	1		08/12/11 18:07	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.7	0.29	1		08/12/11 18:07	95-49-8	
2-Hexanone	ND	ug/kg	9.1	0.33	1		08/12/11 18:07	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.7	0.24	1		08/12/11 18:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.1	0.28	1		08/12/11 18:07	108-10-1	
Acetone	11.3	ug/kg	9.1	1.0	1		08/12/11 18:07	67-64-1	1n
Benzene	0.28J	ug/kg	2.7	0.14	1		08/12/11 18:07	71-43-2	B
Bromobenzene	ND	ug/kg	2.7	0.21	1		08/12/11 18:07	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	0.20	1		08/12/11 18:07	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	0.11	1		08/12/11 18:07	75-27-4	
Bromoform	ND	ug/kg	2.7	0.21	1		08/12/11 18:07	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 10-12 Lab ID: 258722036 Collected: 08/03/11 11:42 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	2.7	0.29	1		08/12/11 18:07	74-83-9	
Carbon disulfide	16.4	ug/kg	2.7	0.25	1		08/12/11 18:07	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.7	0.16	1		08/12/11 18:07	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	0.17	1		08/12/11 18:07	108-90-7	
Chloroethane	ND	ug/kg	2.7	0.26	1		08/12/11 18:07	75-00-3	
Chloroform	ND	ug/kg	2.7	0.18	1		08/12/11 18:07	67-66-3	
Chloromethane	ND	ug/kg	2.7	0.19	1		08/12/11 18:07	74-87-3	
Dibromochloromethane	ND	ug/kg	2.7	0.091	1		08/12/11 18:07	124-48-1	
Dibromomethane	ND	ug/kg	2.7	0.19	1		08/12/11 18:07	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.7	0.38	1		08/12/11 18:07	75-71-8	
Ethylbenzene	ND	ug/kg	2.7	0.34	1		08/12/11 18:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.7	0.27	1		08/12/11 18:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	0.31	1		08/12/11 18:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.7	0.23	1		08/12/11 18:07	1634-04-4	
Methylene chloride	2.7J	ug/kg	9.1	2.4	1		08/12/11 18:07	75-09-2	B
Naphthalene	ND	ug/kg	2.7	0.50	1		08/12/11 18:07	91-20-3	
Styrene	ND	ug/kg	2.7	0.26	1		08/12/11 18:07	100-42-5	
Tetrachloroethene	ND	ug/kg	2.7	0.35	1		08/12/11 18:07	127-18-4	
Toluene	0.39J	ug/kg	2.7	0.28	1		08/12/11 18:07	108-88-3	B
Trichloroethene	ND	ug/kg	2.7	0.19	1		08/12/11 18:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.7	0.21	1		08/12/11 18:07	75-69-4	
Vinyl chloride	ND	ug/kg	2.7	0.25	1		08/12/11 18:07	75-01-4	
Xylene (Total)	1.1J	ug/kg	8.2	0.68	1		08/12/11 18:07	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	2.7	0.19	1		08/12/11 18:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	0.12	1		08/12/11 18:07	10061-01-5	
m&p-Xylene	0.80J	ug/kg	5.4	0.68	1		08/12/11 18:07	179601-23-1	B
n-Butylbenzene	ND	ug/kg	2.7	0.41	1		08/12/11 18:07	104-51-8	
n-Propylbenzene	ND	ug/kg	2.7	0.32	1		08/12/11 18:07	103-65-1	
o-Xylene	ND	ug/kg	2.7	0.30	1		08/12/11 18:07	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.7	0.35	1		08/12/11 18:07	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.7	0.38	1		08/12/11 18:07	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.7	0.23	1		08/12/11 18:07	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.7	0.31	1		08/12/11 18:07	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	0.27	1		08/12/11 18:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	0.19	1		08/12/11 18:07	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/12/11 18:07	1868-53-7	
Toluene-d8 (S)	97	%	69-133		1		08/12/11 18:07	2037-26-5	
4-Bromofluorobenzene (S)	99	%	67-142		1		08/12/11 18:07	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	67-136		1		08/12/11 18:07	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	19.1	%	0.10	0.10	1		08/08/11 16:34		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 12-14 **Lab ID: 258722037** Collected: 08/03/11 11:44 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	15.6J	mg/kg	19.8	9.9	1	08/10/11 15:40	08/16/11 01:21		
Motor Oil Range SG	52.6J	mg/kg	79.3	39.7	1	08/10/11 15:40	08/16/11 01:21	64742-65-0	
Surrogates									
n-Octacosane (S) SG	104	%	50-150		1	08/10/11 15:40	08/16/11 01:21	630-02-4	
o-Terphenyl (S) SG	91	%	50-150		1	08/10/11 15:40	08/16/11 01:21	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.92J	mg/kg	6.5	0.26	1	08/05/11 12:00	08/06/11 04:58		
Surrogates									
a,a,a-Trifluorotoluene (S)	116	%	50-150		1	08/05/11 12:00	08/06/11 04:58	98-08-8	
4-Bromofluorobenzene (S)	93	%	50-150		1	08/05/11 12:00	08/06/11 04:58	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	146	mg/kg	8.8	1.3	5	08/14/11 16:32	08/19/11 17:42	7440-38-2	
Cadmium	ND	mg/kg	4.4	0.048	5	08/14/11 16:32	08/18/11 18:04	7440-43-9	
Lead	1510	mg/kg	0.88	0.056	1	08/14/11 16:32	08/18/11 19:46	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	1.7	0.085	1		08/12/11 17:50	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	1.7	0.11	1		08/12/11 17:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.7	0.16	1		08/12/11 17:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	1.7	0.16	1		08/12/11 17:50	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	1.7	0.23	1		08/12/11 17:50	76-13-1	
1,1-Dichloroethane	ND	ug/kg	1.7	0.14	1		08/12/11 17:50	75-34-3	
1,1-Dichloroethene	ND	ug/kg	1.7	0.22	1		08/12/11 17:50	75-35-4	
1,1-Dichloropropene	ND	ug/kg	1.7	0.20	1		08/12/11 17:50	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	1.7	0.16	1		08/12/11 17:50	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	1.7	0.20	1		08/12/11 17:50	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	1.7	0.14	1		08/12/11 17:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	1.7	0.30	1		08/12/11 17:50	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	2.9	0.23	1		08/12/11 17:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	1.7	0.12	1		08/12/11 17:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	1.7	0.14	1		08/12/11 17:50	95-50-1	
1,2-Dichloroethane	ND	ug/kg	1.7	0.13	1		08/12/11 17:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	3.5	0.22	1		08/12/11 17:50	540-59-0	
1,2-Dichloropropane	ND	ug/kg	1.7	0.11	1		08/12/11 17:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	1.7	0.19	1		08/12/11 17:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	1.7	0.11	1		08/12/11 17:50	541-73-1	
1,3-Dichloropropane	ND	ug/kg	1.7	0.16	1		08/12/11 17:50	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	1.7	0.14	1		08/12/11 17:50	106-46-7	
2,2-Dichloropropane	ND	ug/kg	1.7	0.11	1		08/12/11 17:50	594-20-7	
2-Butanone (MEK)	8.0	ug/kg	5.8	0.88	1		08/12/11 17:50	78-93-3	
2-Chlorotoluene	ND	ug/kg	1.7	0.18	1		08/12/11 17:50	95-49-8	
2-Hexanone	ND	ug/kg	5.8	0.21	1		08/12/11 17:50	591-78-6	
4-Chlorotoluene	ND	ug/kg	1.7	0.15	1		08/12/11 17:50	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57_12-14 Lab ID: 258722037 Collected: 08/03/11 11:44 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	5.8	0.18	1		08/12/11 17:50	108-10-1	
Acetone	24.7	ug/kg	5.8	0.64	1		08/12/11 17:50	67-64-1	1n
Benzene	0.25J	ug/kg	1.7	0.087	1		08/12/11 17:50	71-43-2	B
Bromobenzene	ND	ug/kg	1.7	0.14	1		08/12/11 17:50	108-86-1	
Bromochloromethane	ND	ug/kg	1.7	0.13	1		08/12/11 17:50	74-97-5	
Bromodichloromethane	ND	ug/kg	1.7	0.068	1		08/12/11 17:50	75-27-4	
Bromoform	ND	ug/kg	1.7	0.13	1		08/12/11 17:50	75-25-2	
Bromomethane	0.34J	ug/kg	1.7	0.18	1		08/12/11 17:50	74-83-9	
Carbon disulfide	14.1	ug/kg	1.7	0.16	1		08/12/11 17:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	1.7	0.11	1		08/12/11 17:50	56-23-5	
Chlorobenzene	ND	ug/kg	1.7	0.11	1		08/12/11 17:50	108-90-7	
Chloroethane	ND	ug/kg	1.7	0.17	1		08/12/11 17:50	75-00-3	
Chloroform	ND	ug/kg	1.7	0.11	1		08/12/11 17:50	67-66-3	
Chloromethane	ND	ug/kg	1.7	0.12	1		08/12/11 17:50	74-87-3	
Dibromochloromethane	ND	ug/kg	1.7	0.059	1		08/12/11 17:50	124-48-1	
Dibromomethane	ND	ug/kg	1.7	0.12	1		08/12/11 17:50	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	1.7	0.24	1		08/12/11 17:50	75-71-8	
Ethylbenzene	ND	ug/kg	1.7	0.22	1		08/12/11 17:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1.7	0.17	1		08/12/11 17:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	1.7	0.20	1		08/12/11 17:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	1.7	0.15	1		08/12/11 17:50	1634-04-4	
Methylene chloride	ND	ug/kg	5.8	1.5	1		08/12/11 17:50	75-09-2	
Naphthalene	ND	ug/kg	1.7	0.32	1		08/12/11 17:50	91-20-3	
Styrene	ND	ug/kg	1.7	0.17	1		08/12/11 17:50	100-42-5	
Tetrachloroethene	ND	ug/kg	1.7	0.22	1		08/12/11 17:50	127-18-4	
Toluene	0.25J	ug/kg	1.7	0.18	1		08/12/11 17:50	108-88-3	B
Trichloroethene	ND	ug/kg	1.7	0.12	1		08/12/11 17:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1.7	0.13	1		08/12/11 17:50	75-69-4	
Vinyl chloride	ND	ug/kg	1.7	0.16	1		08/12/11 17:50	75-01-4	
Xylene (Total)	0.66J	ug/kg	5.2	0.44	1		08/12/11 17:50	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	1.7	0.12	1		08/12/11 17:50	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	1.7	0.076	1		08/12/11 17:50	10061-01-5	
m&p-Xylene	0.48J	ug/kg	3.5	0.44	1		08/12/11 17:50	179601-23-1	B
n-Butylbenzene	ND	ug/kg	1.7	0.27	1		08/12/11 17:50	104-51-8	
n-Propylbenzene	ND	ug/kg	1.7	0.20	1		08/12/11 17:50	103-65-1	
o-Xylene	ND	ug/kg	1.7	0.19	1		08/12/11 17:50	95-47-6	
p-Isopropyltoluene	ND	ug/kg	1.7	0.22	1		08/12/11 17:50	99-87-6	
sec-Butylbenzene	ND	ug/kg	1.7	0.24	1		08/12/11 17:50	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	1.7	0.15	1		08/12/11 17:50	994-05-8	
tert-Butylbenzene	ND	ug/kg	1.7	0.20	1		08/12/11 17:50	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	1.7	0.17	1		08/12/11 17:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	1.7	0.12	1		08/12/11 17:50	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109 %		72-129		1		08/12/11 17:50	1868-53-7	
Toluene-d8 (S)	94 %		69-133		1		08/12/11 17:50	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_57 12-14 **Lab ID:** 258722037 Collected: 08/03/11 11:44 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	98 %		67-142		1		08/12/11 17:50	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		67-136		1		08/12/11 17:50	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	23.8 %		0.10	0.10	1		08/08/11 16:34		

Sample: SUP_SL_57 14-16 **Lab ID:** 258722038 Collected: 08/03/11 11:50 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	22.8 mg/kg		18.9	9.5	1	08/10/11 15:40	08/16/11 01:44		
Motor Oil Range SG	42.2J mg/kg		75.7	37.9	1	08/10/11 15:40	08/16/11 01:44	64742-65-0	
Surrogates									
n-Octacosane (S) SG	104 %		50-150		1	08/10/11 15:40	08/16/11 01:44	630-02-4	
o-Terphenyl (S) SG	90 %		50-150		1	08/10/11 15:40	08/16/11 01:44	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.0J mg/kg		7.6	0.30	1	08/05/11 12:00	08/06/11 05:22		
Surrogates									
a,a,a-Trifluorotoluene (S)	114 %		50-150		1	08/05/11 12:00	08/06/11 05:22	98-08-8	
4-Bromofluorobenzene (S)	89 %		50-150		1	08/05/11 12:00	08/06/11 05:22	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	23.8 mg/kg		9.9	1.5	5	08/14/11 16:32	08/19/11 17:45	7440-38-2	
Cadmium	ND mg/kg		5.0	0.055	5	08/14/11 16:32	08/18/11 18:08	7440-43-9	
Lead	69.2 mg/kg		0.99	0.062	1	08/14/11 16:32	08/18/11 19:50	7439-92-1	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		2.9	0.14	1		08/12/11 17:33	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		2.9	0.18	1		08/12/11 17:33	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		2.9	0.27	1		08/12/11 17:33	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		2.9	0.27	1		08/12/11 17:33	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		2.9	0.39	1		08/12/11 17:33	76-13-1	
1,1-Dichloroethane	ND ug/kg		2.9	0.23	1		08/12/11 17:33	75-34-3	
1,1-Dichloroethene	ND ug/kg		2.9	0.36	1		08/12/11 17:33	75-35-4	
1,1-Dichloropropene	ND ug/kg		2.9	0.34	1		08/12/11 17:33	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		2.9	0.27	1		08/12/11 17:33	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		2.9	0.33	1		08/12/11 17:33	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		2.9	0.24	1		08/12/11 17:33	120-82-1	
1,2,4-Trimethylbenzene	1.5J ug/kg		2.9	0.50	1		08/12/11 17:33	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 14-16 Lab ID: 258722038 Collected: 08/03/11 11:50 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	0.38	1		08/12/11 17:33	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	0.21	1		08/12/11 17:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.9	0.24	1		08/12/11 17:33	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.9	0.22	1		08/12/11 17:33	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.8	0.36	1		08/12/11 17:33	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/12/11 17:33	78-87-5	
1,3,5-Trimethylbenzene	0.53J	ug/kg	2.9	0.31	1		08/12/11 17:33	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.9	0.19	1		08/12/11 17:33	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.9	0.27	1		08/12/11 17:33	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.9	0.23	1		08/12/11 17:33	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/12/11 17:33	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.7	1.5	1		08/12/11 17:33	78-93-3	
2-Chlorotoluene	0.36J	ug/kg	2.9	0.31	1		08/12/11 17:33	95-49-8	
2-Hexanone	ND	ug/kg	9.7	0.35	1		08/12/11 17:33	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.9	0.26	1		08/12/11 17:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.7	0.30	1		08/12/11 17:33	108-10-1	
Acetone	9.2J	ug/kg	9.7	1.1	1		08/12/11 17:33	67-64-1	
Benzene	0.42J	ug/kg	2.9	0.15	1		08/12/11 17:33	71-43-2	B
Bromobenzene	ND	ug/kg	2.9	0.23	1		08/12/11 17:33	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	0.21	1		08/12/11 17:33	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	0.11	1		08/12/11 17:33	75-27-4	
Bromoform	ND	ug/kg	2.9	0.23	1		08/12/11 17:33	75-25-2	
Bromomethane	ND	ug/kg	2.9	0.31	1		08/12/11 17:33	74-83-9	
Carbon disulfide	26.5	ug/kg	2.9	0.27	1		08/12/11 17:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.9	0.18	1		08/12/11 17:33	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	0.18	1		08/12/11 17:33	108-90-7	
Chloroethane	ND	ug/kg	2.9	0.28	1		08/12/11 17:33	75-00-3	
Chloroform	ND	ug/kg	2.9	0.19	1		08/12/11 17:33	67-66-3	
Chloromethane	ND	ug/kg	2.9	0.20	1		08/12/11 17:33	74-87-3	
Dibromochloromethane	ND	ug/kg	2.9	0.098	1		08/12/11 17:33	124-48-1	
Dibromomethane	ND	ug/kg	2.9	0.20	1		08/12/11 17:33	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.9	0.40	1		08/12/11 17:33	75-71-8	
Ethylbenzene	ND	ug/kg	2.9	0.37	1		08/12/11 17:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.9	0.29	1		08/12/11 17:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	0.34	1		08/12/11 17:33	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.9	0.24	1		08/12/11 17:33	1634-04-4	
Methylene chloride	2.8J	ug/kg	9.7	2.6	1		08/12/11 17:33	75-09-2	B
Naphthalene	ND	ug/kg	2.9	0.53	1		08/12/11 17:33	91-20-3	
Styrene	ND	ug/kg	2.9	0.28	1		08/12/11 17:33	100-42-5	
Tetrachloroethene	ND	ug/kg	2.9	0.37	1		08/12/11 17:33	127-18-4	
Toluene	0.64J	ug/kg	2.9	0.30	1		08/12/11 17:33	108-88-3	B
Trichloroethene	ND	ug/kg	2.9	0.20	1		08/12/11 17:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.9	0.22	1		08/12/11 17:33	75-69-4	
Vinyl chloride	ND	ug/kg	2.9	0.27	1		08/12/11 17:33	75-01-4	
Xylene (Total)	2.0J	ug/kg	8.8	0.73	1		08/12/11 17:33	1330-20-7	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_57 14-16 **Lab ID:** 258722038 Collected: 08/03/11 11:50 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	2.9	0.20	1		08/12/11 17:33	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	0.13	1		08/12/11 17:33	10061-01-5	
m&p-Xylene	1.4J	ug/kg	5.8	0.73	1		08/12/11 17:33	179601-23-1	B
n-Butylbenzene	ND	ug/kg	2.9	0.45	1		08/12/11 17:33	104-51-8	
n-Propylbenzene	ND	ug/kg	2.9	0.34	1		08/12/11 17:33	103-65-1	
o-Xylene	0.57J	ug/kg	2.9	0.32	1		08/12/11 17:33	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.9	0.37	1		08/12/11 17:33	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.9	0.41	1		08/12/11 17:33	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.9	0.25	1		08/12/11 17:33	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.9	0.34	1		08/12/11 17:33	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	0.29	1		08/12/11 17:33	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	0.20	1		08/12/11 17:33	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104 %		72-129		1		08/12/11 17:33	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 17:33	2037-26-5	
4-Bromofluorobenzene (S)	103 %		67-142		1		08/12/11 17:33	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/12/11 17:33	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	16.0	%	0.10	0.10	1		08/08/11 16:35		

Sample: SUP_SL_58 0-1 **Lab ID:** 258722039 Collected: 08/03/11 13:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	16.6J	mg/kg	17.1	8.5	1	08/10/11 15:40	08/16/11 02:54		
Motor Oil Range SG	41.5J	mg/kg	68.3	34.2	1	08/10/11 15:40	08/16/11 02:54	64742-65-0	
Surrogates									
n-Octacosane (S) SG	107 %		50-150		1	08/10/11 15:40	08/16/11 02:54	630-02-4	
o-Terphenyl (S) SG	92 %		50-150		1	08/10/11 15:40	08/16/11 02:54	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.94J	mg/kg	5.8	0.23	1	08/05/11 12:00	08/06/11 06:10		
Surrogates									
a,a,a-Trifluorotoluene (S)	114 %		50-150		1	08/05/11 12:00	08/06/11 06:10	98-08-8	
4-Bromofluorobenzene (S)	97 %		50-150		1	08/05/11 12:00	08/06/11 06:10	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	5.9J	mg/kg	8.0	1.2	5	08/14/11 16:32	08/19/11 17:49	7440-38-2	
Cadmium	ND	mg/kg	4.0	0.044	5	08/14/11 16:32	08/18/11 18:19	7440-43-9	
Lead	12.1	mg/kg	0.80	0.050	1	08/14/11 16:32	08/18/11 19:53	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_58 0-1 Lab ID: 258722039 Collected: 08/03/11 13:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/12/11 18:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/12/11 18:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 18:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 18:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/12/11 18:58	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/12/11 18:58	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/12/11 18:58	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/12/11 18:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/12/11 18:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/12/11 18:58	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 18:58	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/12/11 18:58	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/12/11 18:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/12/11 18:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/12/11 18:58	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/12/11 18:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/12/11 18:58	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/12/11 18:58	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/12/11 18:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/12/11 18:58	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/12/11 18:58	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 18:58	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/12/11 18:58	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10	1.5	1		08/12/11 18:58	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/12/11 18:58	95-49-8	
2-Hexanone	ND	ug/kg	10	0.36	1		08/12/11 18:58	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/12/11 18:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10	0.30	1		08/12/11 18:58	108-10-1	
Acetone	5.3J	ug/kg	10	1.1	1		08/12/11 18:58	67-64-1	
Benzene	0.23J	ug/kg	3.0	0.15	1		08/12/11 18:58	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/12/11 18:58	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/12/11 18:58	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/12/11 18:58	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/12/11 18:58	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/12/11 18:58	74-83-9	
Carbon disulfide	9.6	ug/kg	3.0	0.28	1		08/12/11 18:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/12/11 18:58	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/12/11 18:58	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/12/11 18:58	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/12/11 18:58	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/12/11 18:58	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/12/11 18:58	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/12/11 18:58	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.41	1		08/12/11 18:58	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/12/11 18:58	100-41-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_58 0-1 Lab ID: 258722039 Collected: 08/03/11 13:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/12/11 18:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/12/11 18:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/12/11 18:58	1634-04-4	
Methylene chloride	3.2J	ug/kg	10	2.6	1		08/12/11 18:58	75-09-2	B
Naphthalene	ND	ug/kg	3.0	0.55	1		08/12/11 18:58	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/12/11 18:58	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/12/11 18:58	127-18-4	
Toluene	0.40J	ug/kg	3.0	0.31	1		08/12/11 18:58	108-88-3	B
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 18:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/12/11 18:58	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/12/11 18:58	75-01-4	
Xylene (Total)	0.85J	ug/kg	9.0	0.75	1		08/12/11 18:58	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 18:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/12/11 18:58	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/12/11 18:58	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/12/11 18:58	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/12/11 18:58	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.32	1		08/12/11 18:58	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/12/11 18:58	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/12/11 18:58	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/12/11 18:58	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/12/11 18:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/12/11 18:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/12/11 18:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/12/11 18:58	1868-53-7	
Toluene-d8 (S)	94 %		69-133		1		08/12/11 18:58	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/12/11 18:58	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		67-136		1		08/12/11 18:58	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	8.2 %		0.10	0.10	1		08/08/11 16:36		

Sample: SUP_SL_58 1-2 Lab ID: 258722040 Collected: 08/03/11 13:05 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	46.6	mg/kg	17.3	8.7	1	08/11/11 16:50	08/16/11 17:58		
Motor Oil Range SG	91.0	mg/kg	69.2	34.6	1	08/11/11 16:50	08/16/11 17:58	64742-65-0	
Surrogates									
n-Octacosane (S) SG	106 %		50-150		1	08/11/11 16:50	08/16/11 17:58	630-02-4	
o-Terphenyl (S) SG	90 %		50-150		1	08/11/11 16:50	08/16/11 17:58	84-15-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_58 1-2 Lab ID: 258722040 Collected: 08/03/11 13:05 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.51J	mg/kg	6.0	0.24	1	08/05/11 12:00	08/06/11 06:33		
Surrogates									
a,a,a-Trifluorotoluene (S)	114	%	50-150		1	08/05/11 12:00	08/06/11 06:33	98-08-8	
4-Bromofluorobenzene (S)	97	%	50-150		1	08/05/11 12:00	08/06/11 06:33	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	3.9	mg/kg	2.0	0.29	1	08/14/11 16:32	08/18/11 19:57	7440-38-2	
Cadmium	ND	mg/kg	0.98	0.011	1	08/14/11 16:32	08/18/11 19:57	7440-43-9	
Lead	3.6	mg/kg	0.98	0.062	1	08/14/11 16:32	08/18/11 19:57	7439-92-1	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		08/12/11 19:15	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		08/12/11 19:15	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		08/12/11 19:15	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.32	1		08/12/11 19:15	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.46	1		08/12/11 19:15	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.27	1		08/12/11 19:15	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		08/12/11 19:15	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.40	1		08/12/11 19:15	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.32	1		08/12/11 19:15	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.39	1		08/12/11 19:15	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		08/12/11 19:15	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.60	1		08/12/11 19:15	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.45	1		08/12/11 19:15	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.24	1		08/12/11 19:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/12/11 19:15	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		08/12/11 19:15	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.43	1		08/12/11 19:15	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/12/11 19:15	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.37	1		08/12/11 19:15	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		08/12/11 19:15	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		08/12/11 19:15	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/12/11 19:15	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/12/11 19:15	594-20-7	
2-Butanone (MEK)	17.0	ug/kg	11.5	1.7	1		08/12/11 19:15	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.36	1		08/12/11 19:15	95-49-8	
2-Hexanone	ND	ug/kg	11.5	0.41	1		08/12/11 19:15	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		08/12/11 19:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.5	0.35	1		08/12/11 19:15	108-10-1	
Acetone	46.0	ug/kg	11.5	1.3	1		08/12/11 19:15	67-64-1	1n
Benzene	0.30J	ug/kg	3.5	0.17	1		08/12/11 19:15	71-43-2	B
Bromobenzene	ND	ug/kg	3.5	0.27	1		08/12/11 19:15	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.25	1		08/12/11 19:15	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		08/12/11 19:15	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		08/12/11 19:15	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_58 1-2 Lab ID: 258722040 Collected: 08/03/11 13:05 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	3.5	0.37	1		08/12/11 19:15	74-83-9	
Carbon disulfide	13.5	ug/kg	3.5	0.32	1		08/12/11 19:15	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		08/12/11 19:15	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		08/12/11 19:15	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.33	1		08/12/11 19:15	75-00-3	
Chloroform	ND	ug/kg	3.5	0.22	1		08/12/11 19:15	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		08/12/11 19:15	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		08/12/11 19:15	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		08/12/11 19:15	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.48	1		08/12/11 19:15	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.44	1		08/12/11 19:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.34	1		08/12/11 19:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.40	1		08/12/11 19:15	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		08/12/11 19:15	1634-04-4	
Methylene chloride	3.6J	ug/kg	11.5	3.0	1		08/12/11 19:15	75-09-2	B
Naphthalene	ND	ug/kg	3.5	0.63	1		08/12/11 19:15	91-20-3	
Styrene	ND	ug/kg	3.5	0.33	1		08/12/11 19:15	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.44	1		08/12/11 19:15	127-18-4	
Toluene	0.43J	ug/kg	3.5	0.36	1		08/12/11 19:15	108-88-3	B
Trichloroethene	ND	ug/kg	3.5	0.24	1		08/12/11 19:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.26	1		08/12/11 19:15	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.32	1		08/12/11 19:15	75-01-4	
Xylene (Total)	1.1J	ug/kg	10.4	0.86	1		08/12/11 19:15	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.24	1		08/12/11 19:15	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		08/12/11 19:15	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.86	1		08/12/11 19:15	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		08/12/11 19:15	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		08/12/11 19:15	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		08/12/11 19:15	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.5	0.44	1		08/12/11 19:15	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.48	1		08/12/11 19:15	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		08/12/11 19:15	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		08/12/11 19:15	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		08/12/11 19:15	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.24	1		08/12/11 19:15	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/12/11 19:15	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/12/11 19:15	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-142		1		08/12/11 19:15	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/12/11 19:15	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	9.8 %		0.10	0.10	1		08/08/11 16:36		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_58 2-4 Lab ID: 258722041 Collected: 08/03/11 13:10 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	33.9	mg/kg	17.2	8.6	1	08/11/11 16:50	08/16/11 19:32		
Motor Oil Range SG	68.1J	mg/kg	68.7	34.3	1	08/11/11 16:50	08/16/11 19:32	64742-65-0	
Surrogates									
n-Octacosane (S) SG	104	%	50-150		1	08/11/11 16:50	08/16/11 19:32	630-02-4	
o-Terphenyl (S) SG	89	%	50-150		1	08/11/11 16:50	08/16/11 19:32	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.82J	mg/kg	6.2	0.25	1	08/05/11 12:00	08/06/11 06:57		
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	50-150		1	08/05/11 12:00	08/06/11 06:57	98-08-8	
4-Bromofluorobenzene (S)	88	%	50-150		1	08/05/11 12:00	08/06/11 06:57	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	4.7	mg/kg	2.0	0.30	1	08/14/11 16:32	08/18/11 20:01	7440-38-2	
Cadmium	ND	mg/kg	1.0	0.011	1	08/14/11 16:32	08/18/11 20:01	7440-43-9	
Lead	4.4	mg/kg	1.0	0.063	1	08/14/11 16:32	08/18/11 20:01	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		08/12/11 19:32	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		08/12/11 19:32	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.30	1		08/12/11 19:32	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.30	1		08/12/11 19:32	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.44	1		08/12/11 19:32	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		08/12/11 19:32	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.40	1		08/12/11 19:32	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.38	1		08/12/11 19:32	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.30	1		08/12/11 19:32	87-61-6	
1,2,3-Trichloropropane	1.1J	ug/kg	3.3	0.37	1		08/12/11 19:32	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.26	1		08/12/11 19:32	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.56	1		08/12/11 19:32	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	0.42	1		08/12/11 19:32	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		08/12/11 19:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/12/11 19:32	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.24	1		08/12/11 19:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.5	0.40	1		08/12/11 19:32	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/12/11 19:32	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		08/12/11 19:32	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		08/12/11 19:32	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.30	1		08/12/11 19:32	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.26	1		08/12/11 19:32	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/12/11 19:32	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.8	1.6	1		08/12/11 19:32	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.34	1		08/12/11 19:32	95-49-8	
2-Hexanone	ND	ug/kg	10.8	0.39	1		08/12/11 19:32	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		08/12/11 19:32	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_58 2-4 Lab ID: 258722041 Collected: 08/03/11 13:10 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	0.33	1		08/12/11 19:32	108-10-1	
Acetone	5.6J	ug/kg	10.8	1.2	1		08/12/11 19:32	67-64-1	
Benzene	0.34J	ug/kg	3.3	0.16	1		08/12/11 19:32	71-43-2	B
Bromobenzene	ND	ug/kg	3.3	0.25	1		08/12/11 19:32	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		08/12/11 19:32	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		08/12/11 19:32	75-27-4	
Bromoform	ND	ug/kg	3.3	0.25	1		08/12/11 19:32	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.34	1		08/12/11 19:32	74-83-9	
Carbon disulfide	8.8	ug/kg	3.3	0.30	1		08/12/11 19:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		08/12/11 19:32	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		08/12/11 19:32	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.31	1		08/12/11 19:32	75-00-3	
Chloroform	ND	ug/kg	3.3	0.21	1		08/12/11 19:32	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.22	1		08/12/11 19:32	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		08/12/11 19:32	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		08/12/11 19:32	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.45	1		08/12/11 19:32	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.41	1		08/12/11 19:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.32	1		08/12/11 19:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		08/12/11 19:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.27	1		08/12/11 19:32	1634-04-4	
Methylene chloride	3.3J	ug/kg	10.8	2.9	1		08/12/11 19:32	75-09-2	B
Naphthalene	ND	ug/kg	3.3	0.59	1		08/12/11 19:32	91-20-3	
Styrene	ND	ug/kg	3.3	0.31	1		08/12/11 19:32	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.41	1		08/12/11 19:32	127-18-4	
Toluene	0.50J	ug/kg	3.3	0.33	1		08/12/11 19:32	108-88-3	B
Trichloroethene	ND	ug/kg	3.3	0.23	1		08/12/11 19:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		08/12/11 19:32	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.30	1		08/12/11 19:32	75-01-4	
Xylene (Total)	1.1J	ug/kg	9.8	0.81	1		08/12/11 19:32	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		08/12/11 19:32	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		08/12/11 19:32	10061-01-5	
m&p-Xylene	0.86J	ug/kg	6.5	0.81	1		08/12/11 19:32	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.3	0.50	1		08/12/11 19:32	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.38	1		08/12/11 19:32	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.35	1		08/12/11 19:32	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.42	1		08/12/11 19:32	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.45	1		08/12/11 19:32	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.28	1		08/12/11 19:32	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.37	1		08/12/11 19:32	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		08/12/11 19:32	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		08/12/11 19:32	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/12/11 19:32	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/12/11 19:32	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_58 2-4 Lab ID: 258722041 Collected: 08/03/11 13:10 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	99 %		67-142		1		08/12/11 19:32	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/12/11 19:32	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	12.2 %		0.10	0.10	1		08/08/11 16:37		

Sample: SUP_SL_58 4-6 Lab ID: 258722042 Collected: 08/03/11 13:15 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	22.3 mg/kg		16.2	8.1	1	08/11/11 16:50	08/16/11 19:56		
Motor Oil Range SG	86.6 mg/kg		64.9	32.5	1	08/11/11 16:50	08/16/11 19:56	64742-65-0	
Surrogates									
n-Octacosane (S) SG	102 %		50-150		1	08/11/11 16:50	08/16/11 19:56	630-02-4	
o-Terphenyl (S) SG	90 %		50-150		1	08/11/11 16:50	08/16/11 19:56	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.55J mg/kg		5.8	0.23	1	08/05/11 12:00	08/06/11 07:20		
Surrogates									
a,a,a-Trifluorotoluene (S)	110 %		50-150		1	08/05/11 12:00	08/06/11 07:20	98-08-8	
4-Bromofluorobenzene (S)	91 %		50-150		1	08/05/11 12:00	08/06/11 07:20	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	4.8J mg/kg		8.5	1.3	5	08/06/11 12:10	08/08/11 17:49	7440-38-2	
Cadmium	ND mg/kg		4.2	0.047	5	08/06/11 12:10	08/08/11 17:49	7440-43-9	
Lead	6.9 mg/kg		0.85	0.053	1	08/06/11 12:10	08/08/11 19:01	7439-92-1	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND ug/kg		3.1	0.15	1		08/12/11 19:49	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		3.1	0.19	1		08/12/11 19:49	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		3.1	0.28	1		08/12/11 19:49	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		3.1	0.28	1		08/12/11 19:49	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		3.1	0.41	1		08/12/11 19:49	76-13-1	
1,1-Dichloroethane	ND ug/kg		3.1	0.24	1		08/12/11 19:49	75-34-3	
1,1-Dichloroethene	ND ug/kg		3.1	0.38	1		08/12/11 19:49	75-35-4	
1,1-Dichloropropene	ND ug/kg		3.1	0.36	1		08/12/11 19:49	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		3.1	0.28	1		08/12/11 19:49	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		3.1	0.35	1		08/12/11 19:49	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		3.1	0.25	1		08/12/11 19:49	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		3.1	0.53	1		08/12/11 19:49	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_58 4-6 Lab ID: 258722042 Collected: 08/03/11 13:15 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	0.40	1		08/12/11 19:49	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	0.22	1		08/12/11 19:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/12/11 19:49	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.1	0.23	1		08/12/11 19:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.1	0.38	1		08/12/11 19:49	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.1	0.18	1		08/12/11 19:49	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.1	0.33	1		08/12/11 19:49	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.1	0.19	1		08/12/11 19:49	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.1	0.28	1		08/12/11 19:49	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.1	0.24	1		08/12/11 19:49	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/12/11 19:49	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.2	1.5	1		08/12/11 19:49	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.1	0.32	1		08/12/11 19:49	95-49-8	
2-Hexanone	ND	ug/kg	10.2	0.37	1		08/12/11 19:49	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.1	0.27	1		08/12/11 19:49	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.2	0.31	1		08/12/11 19:49	108-10-1	
Acetone	13.7	ug/kg	10.2	1.1	1		08/12/11 19:49	67-64-1	1n
Benzene	0.49J	ug/kg	3.1	0.15	1		08/12/11 19:49	71-43-2	B
Bromobenzene	ND	ug/kg	3.1	0.24	1		08/12/11 19:49	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	0.22	1		08/12/11 19:49	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	0.12	1		08/12/11 19:49	75-27-4	
Bromoform	ND	ug/kg	3.1	0.24	1		08/12/11 19:49	75-25-2	
Bromomethane	ND	ug/kg	3.1	0.32	1		08/12/11 19:49	74-83-9	
Carbon disulfide	7.4	ug/kg	3.1	0.28	1		08/12/11 19:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.1	0.18	1		08/12/11 19:49	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	0.19	1		08/12/11 19:49	108-90-7	
Chloroethane	ND	ug/kg	3.1	0.29	1		08/12/11 19:49	75-00-3	
Chloroform	ND	ug/kg	3.1	0.20	1		08/12/11 19:49	67-66-3	
Chloromethane	ND	ug/kg	3.1	0.21	1		08/12/11 19:49	74-87-3	
Dibromochloromethane	ND	ug/kg	3.1	0.10	1		08/12/11 19:49	124-48-1	
Dibromomethane	ND	ug/kg	3.1	0.21	1		08/12/11 19:49	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.1	0.42	1		08/12/11 19:49	75-71-8	
Ethylbenzene	ND	ug/kg	3.1	0.39	1		08/12/11 19:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.1	0.30	1		08/12/11 19:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	0.35	1		08/12/11 19:49	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.1	0.25	1		08/12/11 19:49	1634-04-4	
Methylene chloride	4.5J	ug/kg	10.2	2.7	1		08/12/11 19:49	75-09-2	B
Naphthalene	ND	ug/kg	3.1	0.56	1		08/12/11 19:49	91-20-3	
Styrene	ND	ug/kg	3.1	0.29	1		08/12/11 19:49	100-42-5	
Tetrachloroethene	ND	ug/kg	3.1	0.39	1		08/12/11 19:49	127-18-4	
Toluene	0.65J	ug/kg	3.1	0.31	1		08/12/11 19:49	108-88-3	B
Trichloroethene	ND	ug/kg	3.1	0.21	1		08/12/11 19:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.1	0.23	1		08/12/11 19:49	75-69-4	
Vinyl chloride	ND	ug/kg	3.1	0.29	1		08/12/11 19:49	75-01-4	
Xylene (Total)	0.91J	ug/kg	9.2	0.76	1		08/12/11 19:49	1330-20-7	B

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_58 4-6 Lab ID: 258722042 Collected: 08/03/11 13:15 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.1	0.21	1		08/12/11 19:49	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	0.13	1		08/12/11 19:49	10061-01-5	
m&p-Xylene	ND	ug/kg	6.1	0.76	1		08/12/11 19:49	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.1	0.47	1		08/12/11 19:49	104-51-8	
n-Propylbenzene	ND	ug/kg	3.1	0.36	1		08/12/11 19:49	103-65-1	
o-Xylene	ND	ug/kg	3.1	0.33	1		08/12/11 19:49	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.1	0.39	1		08/12/11 19:49	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.1	0.43	1		08/12/11 19:49	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.1	0.26	1		08/12/11 19:49	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.1	0.35	1		08/12/11 19:49	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	0.31	1		08/12/11 19:49	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	0.21	1		08/12/11 19:49	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104 %		72-129		1		08/12/11 19:49	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/12/11 19:49	2037-26-5	
4-Bromofluorobenzene (S)	107 %		67-142		1		08/12/11 19:49	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/12/11 19:49	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	9.1 %		0.10	0.10	1		08/08/11 16:38		

Sample: SUP_SL_58 6-8 Lab ID: 258722043 Collected: 08/03/11 13:20 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	16.9	8.4	1	08/11/11 16:50	08/16/11 20:19		
Motor Oil Range SG	ND	mg/kg	67.5	33.7	1	08/11/11 16:50	08/16/11 20:19	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103 %		50-150		1	08/11/11 16:50	08/16/11 20:19	630-02-4	
o-Terphenyl (S) SG	89 %		50-150		1	08/11/11 16:50	08/16/11 20:19	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.53J	mg/kg	5.6	0.22	1	08/05/11 12:00	08/06/11 07:44		
Surrogates									
a,a,a-Trifluorotoluene (S)	114 %		50-150		1	08/05/11 12:00	08/06/11 07:44	98-08-8	
4-Bromofluorobenzene (S)	99 %		50-150		1	08/05/11 12:00	08/06/11 07:44	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	7.4J	mg/kg	8.6	1.3	5	08/06/11 12:10	08/08/11 18:00	7440-38-2	
Cadmium	ND	mg/kg	4.3	0.047	5	08/06/11 12:10	08/08/11 18:00	7440-43-9	
Lead	7.9	mg/kg	0.86	0.054	1	08/06/11 12:10	08/08/11 19:04	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_58 6-8 Lab ID: 258722043 Collected: 08/03/11 13:20 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	0.13	1		08/12/11 20:06	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.7	0.16	1		08/12/11 20:06	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	0.25	1		08/12/11 20:06	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.7	0.25	1		08/12/11 20:06	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	0.36	1		08/12/11 20:06	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.7	0.21	1		08/12/11 20:06	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.7	0.33	1		08/12/11 20:06	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.7	0.31	1		08/12/11 20:06	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	0.25	1		08/12/11 20:06	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.7	0.30	1		08/12/11 20:06	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	0.22	1		08/12/11 20:06	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	0.46	1		08/12/11 20:06	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	0.35	1		08/12/11 20:06	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	0.19	1		08/12/11 20:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		08/12/11 20:06	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.7	0.20	1		08/12/11 20:06	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.3	0.33	1		08/12/11 20:06	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.7	0.16	1		08/12/11 20:06	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	0.28	1		08/12/11 20:06	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.7	0.17	1		08/12/11 20:06	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.7	0.25	1		08/12/11 20:06	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.7	0.21	1		08/12/11 20:06	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.7	0.17	1		08/12/11 20:06	594-20-7	
2-Butanone (MEK)	ND	ug/kg	8.9	1.3	1		08/12/11 20:06	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.7	0.28	1		08/12/11 20:06	95-49-8	
2-Hexanone	ND	ug/kg	8.9	0.32	1		08/12/11 20:06	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.7	0.24	1		08/12/11 20:06	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.9	0.27	1		08/12/11 20:06	108-10-1	
Acetone	6.5J	ug/kg	8.9	0.97	1		08/12/11 20:06	67-64-1	
Benzene	0.24J	ug/kg	2.7	0.13	1		08/12/11 20:06	71-43-2	B
Bromobenzene	ND	ug/kg	2.7	0.21	1		08/12/11 20:06	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	0.20	1		08/12/11 20:06	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	0.10	1		08/12/11 20:06	75-27-4	
Bromoform	ND	ug/kg	2.7	0.21	1		08/12/11 20:06	75-25-2	
Bromomethane	ND	ug/kg	2.7	0.28	1		08/12/11 20:06	74-83-9	
Carbon disulfide	12.1	ug/kg	2.7	0.25	1		08/12/11 20:06	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.7	0.16	1		08/12/11 20:06	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	0.16	1		08/12/11 20:06	108-90-7	
Chloroethane	ND	ug/kg	2.7	0.26	1		08/12/11 20:06	75-00-3	
Chloroform	ND	ug/kg	2.7	0.17	1		08/12/11 20:06	67-66-3	
Chloromethane	ND	ug/kg	2.7	0.18	1		08/12/11 20:06	74-87-3	
Dibromochloromethane	ND	ug/kg	2.7	0.089	1		08/12/11 20:06	124-48-1	
Dibromomethane	ND	ug/kg	2.7	0.18	1		08/12/11 20:06	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.7	0.37	1		08/12/11 20:06	75-71-8	
Ethylbenzene	ND	ug/kg	2.7	0.34	1		08/12/11 20:06	100-41-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_58 6-8 **Lab ID: 258722043** Collected: 08/03/11 13:20 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	2.7	0.26	1		08/12/11 20:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	0.31	1		08/12/11 20:06	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.7	0.22	1		08/12/11 20:06	1634-04-4	
Methylene chloride	3.9J	ug/kg	8.9	2.3	1		08/12/11 20:06	75-09-2	B
Naphthalene	ND	ug/kg	2.7	0.49	1		08/12/11 20:06	91-20-3	
Styrene	ND	ug/kg	2.7	0.25	1		08/12/11 20:06	100-42-5	
Tetrachloroethene	ND	ug/kg	2.7	0.34	1		08/12/11 20:06	127-18-4	
Toluene	0.28J	ug/kg	2.7	0.27	1		08/12/11 20:06	108-88-3	B
Trichloroethene	ND	ug/kg	2.7	0.19	1		08/12/11 20:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.7	0.20	1		08/12/11 20:06	75-69-4	
Vinyl chloride	ND	ug/kg	2.7	0.25	1		08/12/11 20:06	75-01-4	
Xylene (Total)	0.71J	ug/kg	8.0	0.66	1		08/12/11 20:06	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	2.7	0.18	1		08/12/11 20:06	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	0.12	1		08/12/11 20:06	10061-01-5	
m&p-Xylene	ND	ug/kg	5.3	0.66	1		08/12/11 20:06	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.7	0.40	1		08/12/11 20:06	104-51-8	
n-Propylbenzene	ND	ug/kg	2.7	0.31	1		08/12/11 20:06	103-65-1	
o-Xylene	ND	ug/kg	2.7	0.29	1		08/12/11 20:06	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.7	0.34	1		08/12/11 20:06	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.7	0.37	1		08/12/11 20:06	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.7	0.23	1		08/12/11 20:06	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.7	0.31	1		08/12/11 20:06	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	0.27	1		08/12/11 20:06	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	0.19	1		08/12/11 20:06	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/12/11 20:06	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/12/11 20:06	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/12/11 20:06	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		67-136		1		08/12/11 20:06	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	10.5 %		0.10	0.10	1		08/08/11 16:42		

Sample: SUP_SL_58 14-16 **Lab ID: 258722044** Collected: 08/03/11 13:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	35.3	mg/kg	33.8	16.9	1	08/11/11 16:50	08/16/11 20:43		
Motor Oil Range SG	91.9J	mg/kg	135	67.7	1	08/11/11 16:50	08/16/11 20:43	64742-65-0	
Surrogates									
n-Octacosane (S) SG	102 %		50-150		1	08/11/11 16:50	08/16/11 20:43	630-02-4	
o-Terphenyl (S) SG	89 %		50-150		1	08/11/11 16:50	08/16/11 20:43	84-15-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_58 14-16 Lab ID: 258722044 Collected: 08/03/11 13:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	3.1J	mg/kg	17.7	0.71	1	08/05/11 12:00	08/06/11 08:07		
Surrogates									
a,a,a-Trifluorotoluene (S)	120	%	50-150		1	08/05/11 12:00	08/06/11 08:07	98-08-8	
4-Bromofluorobenzene (S)	104	%	50-150		1	08/05/11 12:00	08/06/11 08:07	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	169	mg/kg	18.1	2.7	5	08/06/11 12:10	08/08/11 18:03	7440-38-2	
Cadmium	1.5J	mg/kg	9.0	0.099	5	08/06/11 12:10	08/08/11 18:03	7440-43-9	
Lead	183	mg/kg	1.8	0.11	1	08/06/11 12:10	08/08/11 19:08	7439-92-1	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	0.27	1		08/12/11 17:16	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.5	0.33	1		08/12/11 17:16	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	0.51	1		08/12/11 17:16	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.5	0.51	1		08/12/11 17:16	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.5	0.74	1		08/12/11 17:16	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.5	0.43	1		08/12/11 17:16	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.5	0.68	1		08/12/11 17:16	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.5	0.64	1		08/12/11 17:16	563-58-6	
1,2,3-Trichlorobenzene	0.89J	ug/kg	5.5	0.51	1		08/12/11 17:16	87-61-6	B
1,2,3-Trichloropropane	ND	ug/kg	5.5	0.62	1		08/12/11 17:16	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	0.44	1		08/12/11 17:16	120-82-1	
1,2,4-Trimethylbenzene	1.5J	ug/kg	5.5	0.95	1		08/12/11 17:16	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	0.71	1		08/12/11 17:16	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	0.39	1		08/12/11 17:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.5	0.45	1		08/12/11 17:16	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.5	0.41	1		08/12/11 17:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.0	0.68	1		08/12/11 17:16	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.5	0.33	1		08/12/11 17:16	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	0.58	1		08/12/11 17:16	108-67-8	
1,3-Dichlorobenzene	0.36J	ug/kg	5.5	0.35	1		08/12/11 17:16	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.5	0.51	1		08/12/11 17:16	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.5	0.44	1		08/12/11 17:16	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.5	0.34	1		08/12/11 17:16	594-20-7	
2-Butanone (MEK)	ND	ug/kg	18.3	2.8	1		08/12/11 17:16	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.5	0.57	1		08/12/11 17:16	95-49-8	
2-Hexanone	ND	ug/kg	18.3	0.66	1		08/12/11 17:16	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.5	0.49	1		08/12/11 17:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.3	0.56	1		08/12/11 17:16	108-10-1	
Acetone	56.6	ug/kg	18.3	2.0	1		08/12/11 17:16	67-64-1	1n
Benzene	1.0J	ug/kg	5.5	0.27	1		08/12/11 17:16	71-43-2	B
Bromobenzene	ND	ug/kg	5.5	0.43	1		08/12/11 17:16	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	0.40	1		08/12/11 17:16	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	0.21	1		08/12/11 17:16	75-27-4	
Bromoform	ND	ug/kg	5.5	0.42	1		08/12/11 17:16	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_58 14-16 Lab ID: 258722044 Collected: 08/03/11 13:40 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	5.5	0.58	1		08/12/11 17:16	74-83-9	
Carbon disulfide	65.4	ug/kg	5.5	0.51	1		08/12/11 17:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	0.33	1		08/12/11 17:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	0.33	1		08/12/11 17:16	108-90-7	
Chloroethane	ND	ug/kg	5.5	0.53	1		08/12/11 17:16	75-00-3	
Chloroform	ND	ug/kg	5.5	0.36	1		08/12/11 17:16	67-66-3	
Chloromethane	ND	ug/kg	5.5	0.38	1		08/12/11 17:16	74-87-3	
Dibromochloromethane	ND	ug/kg	5.5	0.18	1		08/12/11 17:16	124-48-1	
Dibromomethane	ND	ug/kg	5.5	0.38	1		08/12/11 17:16	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.5	0.76	1		08/12/11 17:16	75-71-8	
Ethylbenzene	ND	ug/kg	5.5	0.69	1		08/12/11 17:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	0.54	1		08/12/11 17:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	0.63	1		08/12/11 17:16	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.5	0.46	1		08/12/11 17:16	1634-04-4	
Methylene chloride	ND	ug/kg	18.3	4.8	1		08/12/11 17:16	75-09-2	
Naphthalene	ND	ug/kg	5.5	1.0	1		08/12/11 17:16	91-20-3	
Styrene	ND	ug/kg	5.5	0.53	1		08/12/11 17:16	100-42-5	
Tetrachloroethene	ND	ug/kg	5.5	0.70	1		08/12/11 17:16	127-18-4	
Toluene	0.94J	ug/kg	5.5	0.56	1		08/12/11 17:16	108-88-3	B
Trichloroethene	ND	ug/kg	5.5	0.38	1		08/12/11 17:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	0.42	1		08/12/11 17:16	75-69-4	
Vinyl chloride	ND	ug/kg	5.5	0.51	1		08/12/11 17:16	75-01-4	
Xylene (Total)	1.7J	ug/kg	16.4	1.4	1		08/12/11 17:16	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	5.5	0.38	1		08/12/11 17:16	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	0.24	1		08/12/11 17:16	10061-01-5	
m&p-Xylene	1.6J	ug/kg	11.0	1.4	1		08/12/11 17:16	179601-23-1	B
n-Butylbenzene	ND	ug/kg	5.5	0.84	1		08/12/11 17:16	104-51-8	
n-Propylbenzene	ND	ug/kg	5.5	0.64	1		08/12/11 17:16	103-65-1	
o-Xylene	ND	ug/kg	5.5	0.59	1		08/12/11 17:16	95-47-6	
p-Isopropyltoluene	2.2J	ug/kg	5.5	0.70	1		08/12/11 17:16	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.5	0.76	1		08/12/11 17:16	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.5	0.47	1		08/12/11 17:16	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.5	0.63	1		08/12/11 17:16	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	0.55	1		08/12/11 17:16	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	0.38	1		08/12/11 17:16	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%	72-129		1		08/12/11 17:16	1868-53-7	
Toluene-d8 (S)	101	%	69-133		1		08/12/11 17:16	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/12/11 17:16	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	67-136		1		08/12/11 17:16	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	54.2	%	0.10	0.10	1		08/08/11 16:43		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: Trip Blank #12 **Lab ID: 258722045** Collected: 08/03/11 00:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.47J	mg/kg	5.0	0.20	1	08/05/11 12:00	08/06/11 08:32		
Surrogates									
a,a,a-Trifluorotoluene (S)	121	%	50-150		1	08/05/11 12:00	08/06/11 08:32	98-08-8	
4-Bromofluorobenzene (S)	107	%	50-150		1	08/05/11 12:00	08/06/11 08:32	460-00-4	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/12/11 16:59	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/12/11 16:59	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 16:59	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 16:59	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/12/11 16:59	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/12/11 16:59	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/12/11 16:59	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/12/11 16:59	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/12/11 16:59	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/12/11 16:59	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 16:59	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/12/11 16:59	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/12/11 16:59	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/12/11 16:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/12/11 16:59	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/12/11 16:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/12/11 16:59	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/12/11 16:59	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/12/11 16:59	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/12/11 16:59	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/12/11 16:59	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 16:59	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/12/11 16:59	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/12/11 16:59	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/12/11 16:59	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/12/11 16:59	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/12/11 16:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/12/11 16:59	108-10-1	
Acetone	1.6J	ug/kg	10.0	1.1	1		08/12/11 16:59	67-64-1	
Benzene	0.27J	ug/kg	3.0	0.15	1		08/12/11 16:59	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/12/11 16:59	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/12/11 16:59	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/12/11 16:59	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/12/11 16:59	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/12/11 16:59	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		08/12/11 16:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/12/11 16:59	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/12/11 16:59	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/12/11 16:59	75-00-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: Trip Blank #12 **Lab ID: 258722045** Collected: 08/03/11 00:00 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloroform	ND	ug/kg	3.0	0.19	1		08/12/11 16:59	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/12/11 16:59	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/12/11 16:59	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/12/11 16:59	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/12/11 16:59	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/12/11 16:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/12/11 16:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/12/11 16:59	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/12/11 16:59	1634-04-4	
Methylene chloride	5.7J	ug/kg	10.0	2.6	1		08/12/11 16:59	75-09-2	B
Naphthalene	ND	ug/kg	3.0	0.55	1		08/12/11 16:59	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/12/11 16:59	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/12/11 16:59	127-18-4	
Toluene	0.55J	ug/kg	3.0	0.31	1		08/12/11 16:59	108-88-3	B
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/12/11 16:59	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/12/11 16:59	75-01-4	
Xylene (Total)	1.2J	ug/kg	9.0	0.75	1		08/12/11 16:59	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 16:59	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/12/11 16:59	10061-01-5	
m&p-Xylene	0.99J	ug/kg	6.0	0.75	1		08/12/11 16:59	179601-23-1	B
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/12/11 16:59	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/12/11 16:59	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/12/11 16:59	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/12/11 16:59	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/12/11 16:59	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/12/11 16:59	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/12/11 16:59	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/12/11 16:59	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/12/11 16:59	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/12/11 16:59	1868-53-7	
Toluene-d8 (S)	96	%	69-133		1		08/12/11 16:59	2037-26-5	
4-Bromofluorobenzene (S)	100	%	67-142		1		08/12/11 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	67-136		1		08/12/11 16:59	17060-07-0	

Sample: SUP_SL_59 0-1 **Lab ID: 258722046** Collected: 08/03/11 13:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	32.7	mg/kg	16.4	8.2	1	08/11/11 16:50	08/16/11 21:06		
Motor Oil Range SG	194	mg/kg	65.5	32.8	1	08/11/11 16:50	08/16/11 21:06	64742-65-0	

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 113 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_59 0-1 Lab ID: 258722046 Collected: 08/03/11 13:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Surrogates									
n-Octacosane (S) SG	105 %		50-150		1	08/11/11 16:50	08/16/11 21:06	630-02-4	
o-Terphenyl (S) SG	92 %		50-150		1	08/11/11 16:50	08/16/11 21:06	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.47J	mg/kg	4.7	0.19	1	08/05/11 12:00	08/06/11 08:56		
Surrogates									
a,a,a-Trifluorotoluene (S)	124 %		50-150		1	08/05/11 12:00	08/06/11 08:56	98-08-8	
4-Bromofluorobenzene (S)	106 %		50-150		1	08/05/11 12:00	08/06/11 08:56	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	5.0J	mg/kg	7.4	1.1	5	08/06/11 12:10	08/08/11 18:07	7440-38-2	
Cadmium	ND	mg/kg	3.7	0.041	5	08/06/11 12:10	08/08/11 18:07	7440-43-9	
Lead	5.9	mg/kg	0.74	0.047	1	08/06/11 12:10	08/08/11 19:11	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.6	0.12	1		08/12/11 18:33	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.6	0.16	1		08/12/11 18:33	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.6	0.24	1		08/12/11 18:33	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.6	0.24	1		08/12/11 18:33	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.6	0.34	1		08/12/11 18:33	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.6	0.20	1		08/12/11 18:33	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.6	0.32	1		08/12/11 18:33	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.6	0.30	1		08/12/11 18:33	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.6	0.24	1		08/12/11 18:33	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.6	0.29	1		08/12/11 18:33	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.6	0.21	1		08/12/11 18:33	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.6	0.44	1		08/12/11 18:33	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	0.33	1		08/12/11 18:33	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.6	0.18	1		08/12/11 18:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.6	0.21	1		08/12/11 18:33	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.6	0.19	1		08/12/11 18:33	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.1	0.32	1		08/12/11 18:33	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.6	0.15	1		08/12/11 18:33	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.6	0.27	1		08/12/11 18:33	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.6	0.16	1		08/12/11 18:33	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.6	0.24	1		08/12/11 18:33	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.6	0.20	1		08/12/11 18:33	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.6	0.16	1		08/12/11 18:33	594-20-7	
2-Butanone (MEK)	ND	ug/kg	8.5	1.3	1		08/12/11 18:33	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.6	0.27	1		08/12/11 18:33	95-49-8	
2-Hexanone	ND	ug/kg	8.5	0.31	1		08/12/11 18:33	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.6	0.23	1		08/12/11 18:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.5	0.26	1		08/12/11 18:33	108-10-1	
Acetone	17.7	ug/kg	8.5	0.94	1		08/12/11 18:33	67-64-1	1n

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 114 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 0-1 Lab ID: 258722046 Collected: 08/03/11 13:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Benzene	0.19J	ug/kg	2.6	0.13	1		08/12/11 18:33	71-43-2	
Bromobenzene	ND	ug/kg	2.6	0.20	1		08/12/11 18:33	108-86-1	
Bromochloromethane	ND	ug/kg	2.6	0.19	1		08/12/11 18:33	74-97-5	
Bromodichloromethane	ND	ug/kg	2.6	0.10	1		08/12/11 18:33	75-27-4	
Bromoform	ND	ug/kg	2.6	0.20	1		08/12/11 18:33	75-25-2	
Bromomethane	ND	ug/kg	2.6	0.27	1		08/12/11 18:33	74-83-9	
Carbon disulfide	0.25J	ug/kg	2.6	0.24	1		08/12/11 18:33	75-15-0	B
Carbon tetrachloride	ND	ug/kg	2.6	0.15	1		08/12/11 18:33	56-23-5	
Chlorobenzene	ND	ug/kg	2.6	0.16	1		08/12/11 18:33	108-90-7	
Chloroethane	ND	ug/kg	2.6	0.25	1		08/12/11 18:33	75-00-3	
Chloroform	ND	ug/kg	2.6	0.17	1		08/12/11 18:33	67-66-3	
Chloromethane	ND	ug/kg	2.6	0.18	1		08/12/11 18:33	74-87-3	
Dibromochloromethane	ND	ug/kg	2.6	0.086	1		08/12/11 18:33	124-48-1	
Dibromomethane	ND	ug/kg	2.6	0.18	1		08/12/11 18:33	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.6	0.35	1		08/12/11 18:33	75-71-8	
Ethylbenzene	ND	ug/kg	2.6	0.32	1		08/12/11 18:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.6	0.25	1		08/12/11 18:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.6	0.30	1		08/12/11 18:33	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.6	0.21	1		08/12/11 18:33	1634-04-4	
Methylene chloride	ND	ug/kg	8.5	2.2	1		08/12/11 18:33	75-09-2	
Naphthalene	0.75J	ug/kg	2.6	0.47	1		08/12/11 18:33	91-20-3	
Styrene	ND	ug/kg	2.6	0.24	1		08/12/11 18:33	100-42-5	
Tetrachloroethene	ND	ug/kg	2.6	0.33	1		08/12/11 18:33	127-18-4	
Toluene	0.33J	ug/kg	2.6	0.26	1		08/12/11 18:33	108-88-3	
Trichloroethene	ND	ug/kg	2.6	0.18	1		08/12/11 18:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.6	0.20	1		08/12/11 18:33	75-69-4	
Vinyl chloride	ND	ug/kg	2.6	0.24	1		08/12/11 18:33	75-01-4	
Xylene (Total)	0.77J	ug/kg	7.7	0.64	1		08/12/11 18:33	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	2.6	0.18	1		08/12/11 18:33	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.6	0.11	1		08/12/11 18:33	10061-01-5	
m&p-Xylene	ND	ug/kg	5.1	0.64	1		08/12/11 18:33	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.6	0.39	1		08/12/11 18:33	104-51-8	
n-Propylbenzene	ND	ug/kg	2.6	0.30	1		08/12/11 18:33	103-65-1	
o-Xylene	ND	ug/kg	2.6	0.28	1		08/12/11 18:33	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.6	0.33	1		08/12/11 18:33	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.6	0.36	1		08/12/11 18:33	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.6	0.22	1		08/12/11 18:33	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.6	0.29	1		08/12/11 18:33	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.6	0.26	1		08/12/11 18:33	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.6	0.18	1		08/12/11 18:33	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/12/11 18:33	1868-53-7	
Toluene-d8 (S)	114	%	69-133		1		08/12/11 18:33	2037-26-5	
4-Bromofluorobenzene (S)	114	%	67-142		1		08/12/11 18:33	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	67-136		1		08/12/11 18:33	17060-07-0	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 0-1 **Lab ID: 258722046** Collected: 08/03/11 13:45 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	3.8	%	0.10	0.10	1		08/08/11 16:44		

Sample: SUP_SL_59 1-2 **Lab ID: 258722047** Collected: 08/03/11 13:48 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	48.0	mg/kg	17.5	8.8	1	08/11/11 16:50	08/16/11 21:29		
Motor Oil Range SG	125	mg/kg	70.1	35.1	1	08/11/11 16:50	08/16/11 21:29	64742-65-0	
Surrogates									
n-Octacosane (S) SG	105	%	50-150		1	08/11/11 16:50	08/16/11 21:29	630-02-4	
o-Terphenyl (S) SG	92	%	50-150		1	08/11/11 16:50	08/16/11 21:29	84-15-1	

NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx

Gasoline Range Organics	2.2J	mg/kg	5.9	0.24	1	08/05/11 12:00	08/06/11 09:19		
Surrogates									
a,a,a-Trifluorotoluene (S)	115	%	50-150		1	08/05/11 12:00	08/06/11 09:19	98-08-8	
4-Bromofluorobenzene (S)	93	%	50-150		1	08/05/11 12:00	08/06/11 09:19	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	4.6J	mg/kg	9.5	1.4	5	08/06/11 12:10	08/08/11 18:10	7440-38-2	
Cadmium	ND	mg/kg	4.7	0.052	5	08/06/11 12:10	08/08/11 18:10	7440-43-9	
Lead	5.7	mg/kg	0.95	0.060	1	08/06/11 12:10	08/08/11 19:15	7439-92-1	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	0.14	1		08/17/11 20:05	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.9	0.18	1		08/17/11 20:05	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	0.27	1		08/17/11 20:05	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.9	0.27	1		08/17/11 20:05	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	0.39	1		08/17/11 20:05	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.9	0.23	1		08/17/11 20:05	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.9	0.36	1		08/17/11 20:05	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.9	0.34	1		08/17/11 20:05	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	0.27	1		08/17/11 20:05	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.9	0.33	1		08/17/11 20:05	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	0.24	1		08/17/11 20:05	120-82-1	
1,2,4-Trimethylbenzene	2.0J	ug/kg	2.9	0.50	1		08/17/11 20:05	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	0.38	1		08/17/11 20:05	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	0.20	1		08/17/11 20:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.9	0.24	1		08/17/11 20:05	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.9	0.22	1		08/17/11 20:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.8	0.36	1		08/17/11 20:05	540-59-0	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 1-2 Lab ID: 258722047 Collected: 08/03/11 13:48 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/17/11 20:05	78-87-5	
1,3,5-Trimethylbenzene	1.9J	ug/kg	2.9	0.31	1		08/17/11 20:05	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.9	0.18	1		08/17/11 20:05	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.9	0.27	1		08/17/11 20:05	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.9	0.23	1		08/17/11 20:05	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/17/11 20:05	594-20-7	
2-Butanone (MEK)	20.9	ug/kg	9.7	1.5	1		08/17/11 20:05	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.9	0.31	1		08/17/11 20:05	95-49-8	
2-Hexanone	ND	ug/kg	9.7	0.35	1		08/17/11 20:05	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.9	0.26	1		08/17/11 20:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.7	0.30	1		08/17/11 20:05	108-10-1	
Acetone	79.4	ug/kg	9.7	1.1	1		08/17/11 20:05	67-64-1	1n
Benzene	0.23J	ug/kg	2.9	0.15	1		08/17/11 20:05	71-43-2	
Bromobenzene	ND	ug/kg	2.9	0.23	1		08/17/11 20:05	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	0.21	1		08/17/11 20:05	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	0.11	1		08/17/11 20:05	75-27-4	
Bromoform	ND	ug/kg	2.9	0.22	1		08/17/11 20:05	75-25-2	
Bromomethane	ND	ug/kg	2.9	0.31	1		08/17/11 20:05	74-83-9	
Carbon disulfide	5.0	ug/kg	2.9	0.27	1		08/17/11 20:05	75-15-0	CH
Carbon tetrachloride	ND	ug/kg	2.9	0.18	1		08/17/11 20:05	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	0.18	1		08/17/11 20:05	108-90-7	
Chloroethane	ND	ug/kg	2.9	0.28	1		08/17/11 20:05	75-00-3	
Chloroform	ND	ug/kg	2.9	0.19	1		08/17/11 20:05	67-66-3	
Chloromethane	ND	ug/kg	2.9	0.20	1		08/17/11 20:05	74-87-3	
Dibromochloromethane	ND	ug/kg	2.9	0.098	1		08/17/11 20:05	124-48-1	
Dibromomethane	ND	ug/kg	2.9	0.20	1		08/17/11 20:05	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.9	0.40	1		08/17/11 20:05	75-71-8	
Ethylbenzene	ND	ug/kg	2.9	0.37	1		08/17/11 20:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.9	0.29	1		08/17/11 20:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	0.34	1		08/17/11 20:05	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.9	0.24	1		08/17/11 20:05	1634-04-4	
Methylene chloride	7.0J	ug/kg	9.7	2.6	1		08/17/11 20:05	75-09-2	B
Naphthalene	5.6	ug/kg	2.9	0.53	1		08/17/11 20:05	91-20-3	
Styrene	ND	ug/kg	2.9	0.28	1		08/17/11 20:05	100-42-5	
Tetrachloroethene	ND	ug/kg	2.9	0.37	1		08/17/11 20:05	127-18-4	
Toluene	ND	ug/kg	2.9	0.30	1		08/17/11 20:05	108-88-3	
Trichloroethene	ND	ug/kg	2.9	0.20	1		08/17/11 20:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.9	0.22	1		08/17/11 20:05	75-69-4	
Vinyl chloride	ND	ug/kg	2.9	0.27	1		08/17/11 20:05	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	0.73	1		08/17/11 20:05	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.9	0.20	1		08/17/11 20:05	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	0.13	1		08/17/11 20:05	10061-01-5	
m&p-Xylene	ND	ug/kg	5.8	0.73	1		08/17/11 20:05	179601-23-1	
n-Butylbenzene	0.74J	ug/kg	2.9	0.44	1		08/17/11 20:05	104-51-8	
n-Propylbenzene	ND	ug/kg	2.9	0.34	1		08/17/11 20:05	103-65-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_59 1-2 Lab ID: 258722047 Collected: 08/03/11 13:48 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
o-Xylene	ND	ug/kg	2.9	0.32	1		08/17/11 20:05	95-47-6	
p-Isopropyltoluene	0.67J	ug/kg	2.9	0.37	1		08/17/11 20:05	99-87-6	
sec-Butylbenzene	0.73J	ug/kg	2.9	0.41	1		08/17/11 20:05	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.9	0.25	1		08/17/11 20:05	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.9	0.33	1		08/17/11 20:05	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	0.29	1		08/17/11 20:05	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	0.20	1		08/17/11 20:05	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109 %		72-129		1		08/17/11 20:05	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/17/11 20:05	2037-26-5	
4-Bromofluorobenzene (S)	111 %		67-142		1		08/17/11 20:05	460-00-4	
1,2-Dichloroethane-d4 (S)	121 %		67-136		1		08/17/11 20:05	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	10.4 %		0.10	0.10	1		08/08/11 16:44		

Sample: SUP_SL_59 2-4 Lab ID: 258722048 Collected: 08/03/11 13:52 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	173	mg/kg	17.2	8.6	1	08/11/11 16:50	08/16/11 21:53		
Motor Oil Range SG	1340	mg/kg	68.7	34.3	1	08/11/11 16:50	08/16/11 21:53	64742-65-0	
Surrogates									
n-Octacosane (S) SG	93 %		50-150		1	08/11/11 16:50	08/16/11 21:53	630-02-4	
o-Terphenyl (S) SG	91 %		50-150		1	08/11/11 16:50	08/16/11 21:53	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	2.3J	mg/kg	6.9	0.28	1	08/05/11 12:00	08/06/11 09:42		
Surrogates									
a,a,a-Trifluorotoluene (S)	109 %		50-150		1	08/05/11 12:00	08/06/11 09:42	98-08-8	
4-Bromofluorobenzene (S)	82 %		50-150		1	08/05/11 12:00	08/06/11 09:42	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	21.5	mg/kg	9.9	1.5	5	08/06/11 12:10	08/08/11 18:14	7440-38-2	
Cadmium	0.15J	mg/kg	4.9	0.054	5	08/06/11 12:10	08/08/11 18:14	7440-43-9	
Lead	40.8	mg/kg	0.99	0.062	1	08/06/11 12:10	08/08/11 19:26	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.16	1		08/13/11 02:02	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.19	1		08/13/11 02:02	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.29	1		08/13/11 02:02	79-34-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 2-4 Lab ID: 258722048 Collected: 08/03/11 13:52 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.30	1		08/13/11 02:02	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.43	1		08/13/11 02:02	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.25	1		08/13/11 02:02	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.39	1		08/13/11 02:02	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.2	0.37	1		08/13/11 02:02	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.30	1		08/13/11 02:02	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.36	1		08/13/11 02:02	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		08/13/11 02:02	120-82-1	
1,2,4-Trimethylbenzene	4.5	ug/kg	3.2	0.55	1		08/13/11 02:02	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	0.41	1		08/13/11 02:02	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.22	1		08/13/11 02:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		08/13/11 02:02	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.24	1		08/13/11 02:02	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.4	0.39	1		08/13/11 02:02	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.19	1		08/13/11 02:02	78-87-5	
1,3,5-Trimethylbenzene	6.8	ug/kg	3.2	0.34	1		08/13/11 02:02	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.20	1		08/13/11 02:02	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.29	1		08/13/11 02:02	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.25	1		08/13/11 02:02	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		08/13/11 02:02	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.6	1.6	1		08/13/11 02:02	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.33	1		08/13/11 02:02	95-49-8	
2-Hexanone	ND	ug/kg	10.6	0.38	1		08/13/11 02:02	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.28	1		08/13/11 02:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.6	0.32	1		08/13/11 02:02	108-10-1	
Acetone	77.5	ug/kg	10.6	1.2	1		08/13/11 02:02	67-64-1	1n
Benzene	0.44J	ug/kg	3.2	0.16	1		08/13/11 02:02	71-43-2	
Bromobenzene	ND	ug/kg	3.2	0.25	1		08/13/11 02:02	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.23	1		08/13/11 02:02	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.12	1		08/13/11 02:02	75-27-4	
Bromoform	ND	ug/kg	3.2	0.25	1		08/13/11 02:02	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		08/13/11 02:02	74-83-9	
Carbon disulfide	ND	ug/kg	3.2	0.30	1		08/13/11 02:02	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.2	0.19	1		08/13/11 02:02	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.19	1		08/13/11 02:02	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.31	1		08/13/11 02:02	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		08/13/11 02:02	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		08/13/11 02:02	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		08/13/11 02:02	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.22	1		08/13/11 02:02	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.44	1		08/13/11 02:02	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.40	1		08/13/11 02:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.32	1		08/13/11 02:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		08/13/11 02:02	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.27	1		08/13/11 02:02	1634-04-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 2-4 **Lab ID: 258722048** Collected: 08/03/11 13:52 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Methylene chloride	ND	ug/kg	10.6	2.8	1		08/13/11 02:02	75-09-2	
Naphthalene	9.3	ug/kg	3.2	0.58	1		08/13/11 02:02	91-20-3	
Styrene	ND	ug/kg	3.2	0.31	1		08/13/11 02:02	100-42-5	
Tetrachloroethene	ND	ug/kg	3.2	0.41	1		08/13/11 02:02	127-18-4	
Toluene	ND	ug/kg	3.2	0.33	1		08/13/11 02:02	108-88-3	
Trichloroethene	ND	ug/kg	3.2	0.22	1		08/13/11 02:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.24	1		08/13/11 02:02	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		08/13/11 02:02	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	0.80	1		08/13/11 02:02	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.22	1		08/13/11 02:02	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		08/13/11 02:02	10061-01-5	
m&p-Xylene	ND	ug/kg	6.4	0.80	1		08/13/11 02:02	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.2	0.49	1		08/13/11 02:02	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.37	1		08/13/11 02:02	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.35	1		08/13/11 02:02	95-47-6	
p-Isopropyltoluene	2.5J	ug/kg	3.2	0.41	1		08/13/11 02:02	99-87-6	
sec-Butylbenzene	2.8J	ug/kg	3.2	0.44	1		08/13/11 02:02	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.27	1		08/13/11 02:02	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.37	1		08/13/11 02:02	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		08/13/11 02:02	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.22	1		08/13/11 02:02	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	72-129		1		08/13/11 02:02	1868-53-7	
Toluene-d8 (S)	102	%	69-133		1		08/13/11 02:02	2037-26-5	
4-Bromofluorobenzene (S)	108	%	67-142		1		08/13/11 02:02	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	67-136		1		08/13/11 02:02	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	11.0	%	0.10	0.10	1		08/08/11 16:45		

Sample: SUP_SL_59 6-8 **Lab ID: 258722049** Collected: 08/03/11 13:58 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	41.9	mg/kg	18.8	9.4	1	08/11/11 16:50	08/16/11 22:16		
Motor Oil Range SG	226	mg/kg	75.2	37.6	1	08/11/11 16:50	08/16/11 22:16	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103	%	50-150		1	08/11/11 16:50	08/16/11 22:16	630-02-4	
o-Terphenyl (S) SG	90	%	50-150		1	08/11/11 16:50	08/16/11 22:16	84-15-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_59 6-8 Lab ID: 258722049 Collected: 08/03/11 13:58 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.2J	mg/kg	6.3	0.25	1	08/05/11 12:00	08/06/11 10:28		
Surrogates									
a,a,a-Trifluorotoluene (S)	109	%	50-150		1	08/05/11 12:00	08/06/11 10:28	98-08-8	
4-Bromofluorobenzene (S)	84	%	50-150		1	08/05/11 12:00	08/06/11 10:28	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	25.3	mg/kg	8.7	1.3	5	08/06/11 12:10	08/08/11 18:18	7440-38-2	
Cadmium	0.20J	mg/kg	4.4	0.048	5	08/06/11 12:10	08/08/11 18:18	7440-43-9	
Lead	44.5	mg/kg	0.87	0.055	1	08/06/11 12:10	08/08/11 19:29	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		08/12/11 19:18	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		08/12/11 19:18	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		08/12/11 19:18	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.32	1		08/12/11 19:18	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		08/12/11 19:18	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.28	1		08/12/11 19:18	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		08/12/11 19:18	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	0.41	1		08/12/11 19:18	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.32	1		08/12/11 19:18	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		08/12/11 19:18	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		08/12/11 19:18	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.60	1		08/12/11 19:18	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.45	1		08/12/11 19:18	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.25	1		08/12/11 19:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		08/12/11 19:18	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		08/12/11 19:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.0	0.43	1		08/12/11 19:18	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/12/11 19:18	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.37	1		08/12/11 19:18	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		08/12/11 19:18	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		08/12/11 19:18	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/12/11 19:18	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		08/12/11 19:18	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.7	1.8	1		08/12/11 19:18	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.37	1		08/12/11 19:18	95-49-8	
2-Hexanone	ND	ug/kg	11.7	0.42	1		08/12/11 19:18	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		08/12/11 19:18	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.7	0.35	1		08/12/11 19:18	108-10-1	
Acetone	3.1J	ug/kg	11.7	1.3	1		08/12/11 19:18	67-64-1	
Benzene	ND	ug/kg	3.5	0.17	1		08/12/11 19:18	71-43-2	
Bromobenzene	ND	ug/kg	3.5	0.27	1		08/12/11 19:18	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		08/12/11 19:18	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		08/12/11 19:18	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		08/12/11 19:18	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 6-8 **Lab ID:** 258722049 Collected: 08/03/11 13:58 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	3.5	0.37	1		08/12/11 19:18	74-83-9	
Carbon disulfide	ND	ug/kg	3.5	0.32	1		08/12/11 19:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		08/12/11 19:18	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		08/12/11 19:18	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.34	1		08/12/11 19:18	75-00-3	
Chloroform	ND	ug/kg	3.5	0.23	1		08/12/11 19:18	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		08/12/11 19:18	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		08/12/11 19:18	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		08/12/11 19:18	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.48	1		08/12/11 19:18	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.44	1		08/12/11 19:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.35	1		08/12/11 19:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.40	1		08/12/11 19:18	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		08/12/11 19:18	1634-04-4	
Methylene chloride	5.3J	ug/kg	11.7	3.1	1		08/12/11 19:18	75-09-2	B
Naphthalene	ND	ug/kg	3.5	0.64	1		08/12/11 19:18	91-20-3	
Styrene	ND	ug/kg	3.5	0.33	1		08/12/11 19:18	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.45	1		08/12/11 19:18	127-18-4	
Toluene	ND	ug/kg	3.5	0.36	1		08/12/11 19:18	108-88-3	
Trichloroethene	ND	ug/kg	3.5	0.24	1		08/12/11 19:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		08/12/11 19:18	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.33	1		08/12/11 19:18	75-01-4	
Xylene (Total)	ND	ug/kg	10.5	0.87	1		08/12/11 19:18	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.24	1		08/12/11 19:18	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		08/12/11 19:18	10061-01-5	
m&p-Xylene	ND	ug/kg	7.0	0.87	1		08/12/11 19:18	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		08/12/11 19:18	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		08/12/11 19:18	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		08/12/11 19:18	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.5	0.45	1		08/12/11 19:18	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.49	1		08/12/11 19:18	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		08/12/11 19:18	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		08/12/11 19:18	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		08/12/11 19:18	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.25	1		08/12/11 19:18	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		72-129		1		08/12/11 19:18	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/12/11 19:18	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/12/11 19:18	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		67-136		1		08/12/11 19:18	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.3 %		0.10	0.10	1		08/08/11 16:46		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 10-12 Lab ID: 258722050 Collected: 08/03/11 14:04 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	21.9	mg/kg	19.5	9.7	1	08/11/11 16:50	08/16/11 22:39		
Motor Oil Range SG	141	mg/kg	77.8	38.9	1	08/11/11 16:50	08/16/11 22:39	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103	%	50-150		1	08/11/11 16:50	08/16/11 22:39	630-02-4	
o-Terphenyl (S) SG	91	%	50-150		1	08/11/11 16:50	08/16/11 22:39	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.9J	mg/kg	6.7	0.27	1	08/05/11 12:00	08/06/11 10:51		
Surrogates									
a,a,a-Trifluorotoluene (S)	110	%	50-150		1	08/05/11 12:00	08/06/11 10:51	98-08-8	
4-Bromofluorobenzene (S)	87	%	50-150		1	08/05/11 12:00	08/06/11 10:51	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	20.8	mg/kg	10.1	1.5	5	08/06/11 12:10	08/08/11 18:21	7440-38-2	
Cadmium	ND	mg/kg	5.0	0.055	5	08/06/11 12:10	08/08/11 18:21	7440-43-9	
Lead	18.2	mg/kg	1.0	0.064	1	08/06/11 12:10	08/08/11 19:33	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	0.14	1		08/12/11 20:35	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.9	0.18	1		08/12/11 20:35	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	0.27	1		08/12/11 20:35	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.9	0.27	1		08/12/11 20:35	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	0.39	1		08/12/11 20:35	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.9	0.23	1		08/12/11 20:35	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.9	0.36	1		08/12/11 20:35	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.9	0.33	1		08/12/11 20:35	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	0.27	1		08/12/11 20:35	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.9	0.33	1		08/12/11 20:35	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	0.23	1		08/12/11 20:35	120-82-1	
1,2,4-Trimethylbenzene	5.3	ug/kg	2.9	0.50	1		08/12/11 20:35	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	0.37	1		08/12/11 20:35	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	0.20	1		08/12/11 20:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.9	0.24	1		08/12/11 20:35	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.9	0.21	1		08/12/11 20:35	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.8	0.36	1		08/12/11 20:35	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.9	0.17	1		08/12/11 20:35	78-87-5	
1,3,5-Trimethylbenzene	2.6J	ug/kg	2.9	0.31	1		08/12/11 20:35	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.9	0.18	1		08/12/11 20:35	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.9	0.27	1		08/12/11 20:35	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.9	0.23	1		08/12/11 20:35	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/12/11 20:35	594-20-7	
2-Butanone (MEK)	14.3	ug/kg	9.6	1.4	1		08/12/11 20:35	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.9	0.30	1		08/12/11 20:35	95-49-8	
2-Hexanone	ND	ug/kg	9.6	0.34	1		08/12/11 20:35	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.9	0.26	1		08/12/11 20:35	106-43-4	

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 123 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 10-12 Lab ID: 258722050 Collected: 08/03/11 14:04 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.6	0.29	1		08/12/11 20:35	108-10-1	
Acetone	54.8	ug/kg	9.6	1.1	1		08/12/11 20:35	67-64-1	1n
Benzene	0.65J	ug/kg	2.9	0.14	1		08/12/11 20:35	71-43-2	
Bromobenzene	ND	ug/kg	2.9	0.22	1		08/12/11 20:35	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	0.21	1		08/12/11 20:35	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	0.11	1		08/12/11 20:35	75-27-4	
Bromoform	ND	ug/kg	2.9	0.22	1		08/12/11 20:35	75-25-2	
Bromomethane	ND	ug/kg	2.9	0.30	1		08/12/11 20:35	74-83-9	
Carbon disulfide	19.1	ug/kg	2.9	0.27	1		08/12/11 20:35	75-15-0	B
Carbon tetrachloride	ND	ug/kg	2.9	0.17	1		08/12/11 20:35	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	0.18	1		08/12/11 20:35	108-90-7	
Chloroethane	ND	ug/kg	2.9	0.28	1		08/12/11 20:35	75-00-3	
Chloroform	ND	ug/kg	2.9	0.19	1		08/12/11 20:35	67-66-3	
Chloromethane	ND	ug/kg	2.9	0.20	1		08/12/11 20:35	74-87-3	
Dibromochloromethane	ND	ug/kg	2.9	0.096	1		08/12/11 20:35	124-48-1	
Dibromomethane	ND	ug/kg	2.9	0.20	1		08/12/11 20:35	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.9	0.40	1		08/12/11 20:35	75-71-8	
Ethylbenzene	0.44J	ug/kg	2.9	0.36	1		08/12/11 20:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.9	0.28	1		08/12/11 20:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	0.33	1		08/12/11 20:35	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.9	0.24	1		08/12/11 20:35	1634-04-4	
Methylene chloride	ND	ug/kg	9.6	2.5	1		08/12/11 20:35	75-09-2	
Naphthalene	2.1J	ug/kg	2.9	0.53	1		08/12/11 20:35	91-20-3	
Styrene	ND	ug/kg	2.9	0.28	1		08/12/11 20:35	100-42-5	
Tetrachloroethene	ND	ug/kg	2.9	0.37	1		08/12/11 20:35	127-18-4	
Toluene	0.61J	ug/kg	2.9	0.30	1		08/12/11 20:35	108-88-3	
Trichloroethene	ND	ug/kg	2.9	0.20	1		08/12/11 20:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.9	0.22	1		08/12/11 20:35	75-69-4	
Vinyl chloride	ND	ug/kg	2.9	0.27	1		08/12/11 20:35	75-01-4	
Xylene (Total)	1.2J	ug/kg	8.6	0.72	1		08/12/11 20:35	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	2.9	0.20	1		08/12/11 20:35	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	0.13	1		08/12/11 20:35	10061-01-5	
m&p-Xylene	0.93J	ug/kg	5.8	0.72	1		08/12/11 20:35	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.9	0.44	1		08/12/11 20:35	104-51-8	
n-Propylbenzene	ND	ug/kg	2.9	0.34	1		08/12/11 20:35	103-65-1	
o-Xylene	ND	ug/kg	2.9	0.31	1		08/12/11 20:35	95-47-6	
p-Isopropyltoluene	1.6J	ug/kg	2.9	0.37	1		08/12/11 20:35	99-87-6	
sec-Butylbenzene	1.9J	ug/kg	2.9	0.40	1		08/12/11 20:35	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.9	0.25	1		08/12/11 20:35	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.9	0.33	1		08/12/11 20:35	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	0.29	1		08/12/11 20:35	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	0.20	1		08/12/11 20:35	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/12/11 20:35	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/12/11 20:35	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258722

Sample: SUP_SL_59 10-12 **Lab ID: 258722050** Collected: 08/03/11 14:04 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	110 %		67-142		1		08/12/11 20:35	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		67-136		1		08/12/11 20:35	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	23.8 %		0.10	0.10	1		08/08/11 16:46		

Sample: SUP_SL_59 14-16 **Lab ID: 258722051** Collected: 08/03/11 14:12 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	23.7	11.9	1	08/11/11 16:50	08/16/11 23:50		
Motor Oil Range SG	ND	mg/kg	94.9	47.5	1	08/11/11 16:50	08/16/11 23:50	64742-65-0	
Surrogates									
n-Octacosane (S) SG	104 %		50-150		1	08/11/11 16:50	08/16/11 23:50	630-02-4	
o-Terphenyl (S) SG	89 %		50-150		1	08/11/11 16:50	08/16/11 23:50	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.4J	mg/kg	11.4	0.45	1	08/10/11 10:38	08/11/11 02:07		
Surrogates									
a,a,a-Trifluorotoluene (S)	108 %		50-150		1	08/10/11 10:38	08/11/11 02:07	98-08-8	
4-Bromofluorobenzene (S)	82 %		50-150		1	08/10/11 10:38	08/11/11 02:07	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.6J	mg/kg	12.5	1.9	5	08/06/11 12:10	08/08/11 18:25	7440-38-2	
Cadmium	ND	mg/kg	6.2	0.069	5	08/06/11 12:10	08/08/11 18:25	7440-43-9	
Lead	2.3	mg/kg	1.2	0.079	1	08/06/11 12:10	08/08/11 19:36	7439-92-1	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	0.19	1		08/17/11 20:22	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.9	0.24	1		08/17/11 20:22	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	0.36	1		08/17/11 20:22	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.9	0.36	1		08/17/11 20:22	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.9	0.52	1		08/17/11 20:22	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.9	0.31	1		08/17/11 20:22	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.9	0.48	1		08/17/11 20:22	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.9	0.45	1		08/17/11 20:22	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	0.36	1		08/17/11 20:22	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.9	0.45	1		08/17/11 20:22	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	0.32	1		08/17/11 20:22	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	0.67	1		08/17/11 20:22	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 14-16 Lab ID: 258722051 Collected: 08/03/11 14:12 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.5	0.51	1		08/17/11 20:22	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	0.27	1		08/17/11 20:22	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	0.32	1		08/17/11 20:22	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.9	0.29	1		08/17/11 20:22	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.8	0.48	1		08/17/11 20:22	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		08/17/11 20:22	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	0.42	1		08/17/11 20:22	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.9	0.25	1		08/17/11 20:22	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.9	0.36	1		08/17/11 20:22	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.9	0.31	1		08/17/11 20:22	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.9	0.24	1		08/17/11 20:22	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.0	2.0	1		08/17/11 20:22	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.9	0.41	1		08/17/11 20:22	95-49-8	
2-Hexanone	ND	ug/kg	13.0	0.47	1		08/17/11 20:22	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.9	0.35	1		08/17/11 20:22	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.0	0.40	1		08/17/11 20:22	108-10-1	
Acetone	20.7	ug/kg	13.0	1.4	1		08/17/11 20:22	67-64-1	1n
Benzene	0.31J	ug/kg	3.9	0.20	1		08/17/11 20:22	71-43-2	
Bromobenzene	ND	ug/kg	3.9	0.31	1		08/17/11 20:22	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	0.29	1		08/17/11 20:22	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	0.15	1		08/17/11 20:22	75-27-4	
Bromoform	ND	ug/kg	3.9	0.30	1		08/17/11 20:22	75-25-2	
Bromomethane	ND	ug/kg	3.9	0.41	1		08/17/11 20:22	74-83-9	
Carbon disulfide	2.1J	ug/kg	3.9	0.36	1		08/17/11 20:22	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	0.24	1		08/17/11 20:22	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	0.24	1		08/17/11 20:22	108-90-7	
Chloroethane	ND	ug/kg	3.9	0.38	1		08/17/11 20:22	75-00-3	
Chloroform	ND	ug/kg	3.9	0.25	1		08/17/11 20:22	67-66-3	
Chloromethane	ND	ug/kg	3.9	0.27	1		08/17/11 20:22	74-87-3	
Dibromochloromethane	ND	ug/kg	3.9	0.13	1		08/17/11 20:22	124-48-1	
Dibromomethane	ND	ug/kg	3.9	0.27	1		08/17/11 20:22	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.9	0.54	1		08/17/11 20:22	75-71-8	
Ethylbenzene	ND	ug/kg	3.9	0.49	1		08/17/11 20:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	0.39	1		08/17/11 20:22	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	0.45	1		08/17/11 20:22	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.9	0.33	1		08/17/11 20:22	1634-04-4	
Methylene chloride	9.5J	ug/kg	13.0	3.4	1		08/17/11 20:22	75-09-2	B
Naphthalene	ND	ug/kg	3.9	0.71	1		08/17/11 20:22	91-20-3	
Styrene	ND	ug/kg	3.9	0.37	1		08/17/11 20:22	100-42-5	
Tetrachloroethene	ND	ug/kg	3.9	0.50	1		08/17/11 20:22	127-18-4	
Toluene	ND	ug/kg	3.9	0.40	1		08/17/11 20:22	108-88-3	
Trichloroethene	ND	ug/kg	3.9	0.27	1		08/17/11 20:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	0.30	1		08/17/11 20:22	75-69-4	
Vinyl chloride	ND	ug/kg	3.9	0.36	1		08/17/11 20:22	75-01-4	
Xylene (Total)	ND	ug/kg	11.7	0.98	1		08/17/11 20:22	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: SUP_SL_59 14-16 Lab ID: 258722051 Collected: 08/03/11 14:12 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.9	0.27	1		08/17/11 20:22	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	0.17	1		08/17/11 20:22	10061-01-5	
m&p-Xylene	ND	ug/kg	7.8	0.98	1		08/17/11 20:22	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.9	0.60	1		08/17/11 20:22	104-51-8	
n-Propylbenzene	ND	ug/kg	3.9	0.46	1		08/17/11 20:22	103-65-1	
o-Xylene	ND	ug/kg	3.9	0.42	1		08/17/11 20:22	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.9	0.50	1		08/17/11 20:22	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.9	0.54	1		08/17/11 20:22	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.9	0.34	1		08/17/11 20:22	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.9	0.45	1		08/17/11 20:22	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	0.39	1		08/17/11 20:22	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	0.27	1		08/17/11 20:22	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/17/11 20:22	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/17/11 20:22	2037-26-5	
4-Bromofluorobenzene (S)	107 %		67-142		1		08/17/11 20:22	460-00-4	
1,2-Dichloroethane-d4 (S)	118 %		67-136		1		08/17/11 20:22	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	34.8 %		0.10	0.10	1		08/08/11 16:47		

Sample: Trip Blank #13 Lab ID: 258722052 Collected: 08/03/11 14:15 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.65J	mg/kg	5.0	0.20	1	08/10/11 10:38	08/11/11 01:20		
Surrogates									
a,a,a-Trifluorotoluene (S)	105 %		50-150		1	08/10/11 10:38	08/11/11 01:20	98-08-8	
4-Bromofluorobenzene (S)	78 %		50-150		1	08/10/11 10:38	08/11/11 01:20	460-00-4	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/12/11 21:16	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/12/11 21:16	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 21:16	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 21:16	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/12/11 21:16	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/12/11 21:16	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/12/11 21:16	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/12/11 21:16	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/12/11 21:16	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/12/11 21:16	96-18-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: Trip Blank #13 Lab ID: 258722052 Collected: 08/03/11 14:15 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 21:16	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/12/11 21:16	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/12/11 21:16	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/12/11 21:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/12/11 21:16	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/12/11 21:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/12/11 21:16	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/12/11 21:16	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/12/11 21:16	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/12/11 21:16	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/12/11 21:16	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 21:16	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/12/11 21:16	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/12/11 21:16	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/12/11 21:16	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/12/11 21:16	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/12/11 21:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/12/11 21:16	108-10-1	
Acetone	3.0J	ug/kg	10.0	1.1	1		08/12/11 21:16	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		08/12/11 21:16	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/12/11 21:16	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/12/11 21:16	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/12/11 21:16	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/12/11 21:16	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/12/11 21:16	74-83-9	
Carbon disulfide	0.31J	ug/kg	3.0	0.28	1		08/12/11 21:16	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/12/11 21:16	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/12/11 21:16	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/12/11 21:16	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/12/11 21:16	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/12/11 21:16	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/12/11 21:16	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/12/11 21:16	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/12/11 21:16	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/12/11 21:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/12/11 21:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/12/11 21:16	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/12/11 21:16	1634-04-4	
Methylene chloride	3.5J	ug/kg	10.0	2.6	1		08/12/11 21:16	75-09-2	B
Naphthalene	1.1J	ug/kg	3.0	0.55	1		08/12/11 21:16	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/12/11 21:16	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/12/11 21:16	127-18-4	
Toluene	0.40J	ug/kg	3.0	0.31	1		08/12/11 21:16	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 21:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/12/11 21:16	75-69-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258722

Sample: Trip Blank #13 **Lab ID: 258722052** Collected: 08/03/11 14:15 Received: 08/03/11 16:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/12/11 21:16	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/12/11 21:16	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 21:16	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/12/11 21:16	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/12/11 21:16	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/12/11 21:16	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/12/11 21:16	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/12/11 21:16	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/12/11 21:16	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/12/11 21:16	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/12/11 21:16	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/12/11 21:16	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/12/11 21:16	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/12/11 21:16	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	96 %		72-129		1		08/12/11 21:16	1868-53-7	
Toluene-d8 (S)	101 %		69-133		1		08/12/11 21:16	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/12/11 21:16	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		67-136		1		08/12/11 21:16	17060-07-0	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

QC Batch: GCV/2372 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
Associated Lab Samples: 258722001, 258722002, 258722003, 258722004, 258722005, 258722006, 258722007, 258722008, 258722009, 258722010

METHOD BLANK: 80917 Matrix: Solid
Associated Lab Samples: 258722001, 258722002, 258722003, 258722004, 258722005, 258722006, 258722007, 258722008, 258722009, 258722010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	0.78J	5.0	08/04/11 20:25	
4-Bromofluorobenzene (S)	%	86	50-150	08/04/11 20:25	
a,a,a-Trifluorotoluene (S)	%	110	50-150	08/04/11 20:25	

LABORATORY CONTROL SAMPLE: 80918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	11.3	90	63-140	
4-Bromofluorobenzene (S)	%			89	50-150	
a,a,a-Trifluorotoluene (S)	%			111	50-150	

SAMPLE DUPLICATE: 81167

Parameter	Units	258626013 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	0.36J		30	
4-Bromofluorobenzene (S)	%	85	88	3		
a,a,a-Trifluorotoluene (S)	%	108	111	3		

SAMPLE DUPLICATE: 81168

Parameter	Units	258683011 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	0.69J		30	
4-Bromofluorobenzene (S)	%	89	77	14		
a,a,a-Trifluorotoluene (S)	%	112	76	39		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: GCV/2374 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
 Associated Lab Samples: 258722011, 258722012, 258722013, 258722014, 258722015, 258722016, 258722017, 258722018, 258722019, 258722020, 258722021, 258722022, 258722023, 258722024, 258722025, 258722026, 258722027, 258722028, 258722029, 258722030

METHOD BLANK: 80990 Matrix: Solid

Associated Lab Samples: 258722011, 258722012, 258722013, 258722014, 258722015, 258722016, 258722017, 258722018, 258722019, 258722020, 258722021, 258722022, 258722023, 258722024, 258722025, 258722026, 258722027, 258722028, 258722029, 258722030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	0.80J	5.0	08/05/11 12:29	
4-Bromofluorobenzene (S)	%	76	50-150	08/05/11 12:29	
a,a,a-Trifluorotoluene (S)	%	94	50-150	08/05/11 12:29	

LABORATORY CONTROL SAMPLE: 80991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	13.5	108	63-140	
4-Bromofluorobenzene (S)	%			96	50-150	
a,a,a-Trifluorotoluene (S)	%			113	50-150	

SAMPLE DUPLICATE: 81915

Parameter	Units	258722013 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	2.0J	1.4J		30	
4-Bromofluorobenzene (S)	%	91	91	.2		
a,a,a-Trifluorotoluene (S)	%	112	113	.7		

SAMPLE DUPLICATE: 81916

Parameter	Units	258722017 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	1.9J	1.8J		30	
4-Bromofluorobenzene (S)	%	86	86	.6		
a,a,a-Trifluorotoluene (S)	%	109	109	.5		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: GCV/2375 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
 Associated Lab Samples: 258722031, 258722032, 258722033, 258722034, 258722035, 258722036, 258722037, 258722038, 258722039, 258722040, 258722041, 258722042, 258722043, 258722044, 258722045, 258722046, 258722047, 258722048, 258722049, 258722050

METHOD BLANK: 80994 Matrix: Solid
 Associated Lab Samples: 258722031, 258722032, 258722033, 258722034, 258722035, 258722036, 258722037, 258722038, 258722039, 258722040, 258722041, 258722042, 258722043, 258722044, 258722045, 258722046, 258722047, 258722048, 258722049, 258722050

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	1.5J	5.0	08/06/11 01:04	
4-Bromofluorobenzene (S)	%	92	50-150	08/06/11 01:04	
a,a,a-Trifluorotoluene (S)	%	106	50-150	08/06/11 01:04	

LABORATORY CONTROL SAMPLE: 80995

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	14.6	117	63-140	
4-Bromofluorobenzene (S)	%			98	50-150	
a,a,a-Trifluorotoluene (S)	%			109	50-150	

SAMPLE DUPLICATE: 81928

Parameter	Units	258722031 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	1.5J	1.2J		30	
4-Bromofluorobenzene (S)	%	98	94	4		
a,a,a-Trifluorotoluene (S)	%	116	117	1		

SAMPLE DUPLICATE: 81929

Parameter	Units	258722032 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	1.4J	1.2J		30	
4-Bromofluorobenzene (S)	%	96	95	1		
a,a,a-Trifluorotoluene (S)	%	121	114	6		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: GCV/2381

Analysis Method: NWTPH-Gx

QC Batch Method: NWTPH-Gx

Analysis Description: NWTPH-Gx Solid GCV

Associated Lab Samples: 258722051, 258722052

METHOD BLANK: 81485

Matrix: Solid

Associated Lab Samples: 258722051, 258722052

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	0.64J	5.0	08/11/11 00:33	
4-Bromofluorobenzene (S)	%	82	50-150	08/11/11 00:33	
a,a,a-Trifluorotoluene (S)	%	103	50-150	08/11/11 00:33	

LABORATORY CONTROL SAMPLE: 81486

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	11.8	95	63-140	
4-Bromofluorobenzene (S)	%			80	50-150	
a,a,a-Trifluorotoluene (S)	%			101	50-150	

SAMPLE DUPLICATE: 81544

Parameter	Units	258787002 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	0.71J		30	
4-Bromofluorobenzene (S)	%	89	88	1		
a,a,a-Trifluorotoluene (S)	%	110	111	1		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: MPRP/2390 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 258722001, 258722002, 258722003, 258722004, 258722005, 258722006, 258722007, 258722008, 258722009, 258722011, 258722012, 258722013, 258722014, 258722015, 258722016, 258722017, 258722018, 258722019, 258722020

METHOD BLANK: 80739 Matrix: Solid
 Associated Lab Samples: 258722001, 258722002, 258722003, 258722004, 258722005, 258722006, 258722007, 258722008, 258722009, 258722011, 258722012, 258722013, 258722014, 258722015, 258722016, 258722017, 258722018, 258722019, 258722020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/16/11 13:09	
Cadmium	mg/kg	0.011J	1.0	08/16/11 13:09	
Lead	mg/kg	ND	1.0	08/16/11 13:09	

LABORATORY CONTROL SAMPLE: 80740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.5	94	80-120	
Cadmium	mg/kg	25	23.9	96	80-120	
Lead	mg/kg	25	24.6	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 80741 80742

Parameter	Units	258711001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Arsenic	mg/kg	ND	33.8	33.8	37.1	38.6	98	102	75-125	4	20
Cadmium	mg/kg	ND	33.8	33.8	33.6	34.6	100	102	75-125	3	20
Lead	mg/kg	39.8	33.8	33.8	67.1	66.4	81	79	75-125	.9	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: MPRP/2391 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 258722021, 258722022, 258722023, 258722024, 258722025, 258722026, 258722027, 258722028, 258722030, 258722031, 258722032, 258722033, 258722034, 258722035, 258722036, 258722037, 258722038, 258722039, 258722040, 258722041

METHOD BLANK: 80751 Matrix: Solid
 Associated Lab Samples: 258722021, 258722022, 258722023, 258722024, 258722025, 258722026, 258722027, 258722028, 258722030, 258722031, 258722032, 258722033, 258722034, 258722035, 258722036, 258722037, 258722038, 258722039, 258722040, 258722041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/18/11 16:40	
Cadmium	mg/kg	ND	1.0	08/18/11 16:40	
Lead	mg/kg	ND	1.0	08/18/11 16:40	

LABORATORY CONTROL SAMPLE: 80752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	21.8	87	80-120	
Cadmium	mg/kg	25	23.3	93	80-120	
Lead	mg/kg	25	24.8	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 80753 80754

Parameter	Units	258722021 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Spike Conc.	MSD Spike Conc.	MS Result						
Arsenic	mg/kg	2810	24.4	24.1	2580	2430	-931	-1570	75-125	6	20	M3
Cadmium	mg/kg	ND	24.4	24.1	5.7J	9.1J	23	38	75-125		20	M3
Lead	mg/kg	4110	24.4	24.1	3820	3760	-1160	-1420	75-125	2	20	M3

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

QC Batch: MPRP/2401 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 258722042, 258722043, 258722044, 258722046, 258722047, 258722048, 258722049, 258722050, 258722051

METHOD BLANK: 81102 Matrix: Solid
Associated Lab Samples: 258722042, 258722043, 258722044, 258722046, 258722047, 258722048, 258722049, 258722050, 258722051

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/08/11 17:16	
Cadmium	mg/kg	0.012J	1.0	08/08/11 17:16	
Lead	mg/kg	ND	1.0	08/08/11 17:16	

LABORATORY CONTROL SAMPLE: 81103

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.7	99	80-120	
Cadmium	mg/kg	25	25.8	103	80-120	
Lead	mg/kg	25	24.2	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81104 81105

Parameter	Units	258626013 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	Spike Conc.	MS Result	MSD Result					
Arsenic	mg/kg	ND	21.9	21.8	26.3	26.5	98	99	75-125	.7	20
Cadmium	mg/kg	ND	21.9	21.8	23.0	22.3	105	102	75-125	3	20
Lead	mg/kg	1.6	21.9	21.8	21.7	21.6	92	92	75-125	.5	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: MSV/5138 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035A/5030B Analysis Description: 8260 MSV 5035A Medium Soil
 Associated Lab Samples: 258722012, 258722020

METHOD BLANK: 82097 Matrix: Solid

Associated Lab Samples: 258722012, 258722020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	2.3J	50.0	08/16/11 11:39	
Naphthalene	ug/kg	13.0J	100	08/16/11 11:39	
1,2-Dichloroethane-d4 (S)	%	98	70-125	08/16/11 11:39	
4-Bromofluorobenzene (S)	%	96	73-128	08/16/11 11:39	
Dibromofluoromethane (S)	%	100	75-116	08/16/11 11:39	
Toluene-d8 (S)	%	99	74-124	08/16/11 11:39	

LABORATORY CONTROL SAMPLE: 82098

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1040	104	73-124	
Naphthalene	ug/kg	1000	1050	105	51-132	
1,2-Dichloroethane-d4 (S)	%			95	70-125	
4-Bromofluorobenzene (S)	%			97	73-128	
Dibromofluoromethane (S)	%			102	75-116	
Toluene-d8 (S)	%			99	74-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82099 82100

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		258703013 Result	Spike Conc.	Spike Conc.	MS Result					
1,2,4-Trimethylbenzene	ug/kg	17.6J	4530	4530	4790	4710	105	104	56-143	2 30
Naphthalene	ug/kg	55.6J	4530	4530	4800	4500	105	98	47-147	7 26
1,2-Dichloroethane-d4 (S)	%						96	94	70-125	
4-Bromofluorobenzene (S)	%						95	96	73-128	
Dibromofluoromethane (S)	%						102	100	75-116	
Toluene-d8 (S)	%						98	98	74-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: MSV/5055

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258722001, 258722011

METHOD BLANK: 80837

Matrix: Solid

Associated Lab Samples: 258722001, 258722011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1-Dichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,1-Dichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
1,1-Dichloropropene	ug/kg	ND	3.0	08/07/11 13:47	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
1,2,4-Trichlorobenzene	ug/kg	0.60J	3.0	08/07/11 13:47	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/07/11 13:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dichloroethane	ug/kg	ND	3.0	08/07/11 13:47	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/07/11 13:47	
1,2-Dichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
1,3-Dichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
2,2-Dichloropropane	ug/kg	ND	3.0	08/07/11 13:47	
2-Butanone (MEK)	ug/kg	ND	10.0	08/07/11 13:47	
2-Chlorotoluene	ug/kg	ND	3.0	08/07/11 13:47	
2-Hexanone	ug/kg	ND	10.0	08/07/11 13:47	
4-Chlorotoluene	ug/kg	ND	3.0	08/07/11 13:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/07/11 13:47	
Acetone	ug/kg	5.7J	10.0	08/07/11 13:47	
Benzene	ug/kg	0.19J	3.0	08/07/11 13:47	
Bromobenzene	ug/kg	ND	3.0	08/07/11 13:47	
Bromochloromethane	ug/kg	ND	3.0	08/07/11 13:47	
Bromodichloromethane	ug/kg	ND	3.0	08/07/11 13:47	
Bromoform	ug/kg	ND	3.0	08/07/11 13:47	
Bromomethane	ug/kg	ND	3.0	08/07/11 13:47	
Carbon disulfide	ug/kg	0.76J	3.0	08/07/11 13:47	
Carbon tetrachloride	ug/kg	ND	3.0	08/07/11 13:47	
Chlorobenzene	ug/kg	ND	3.0	08/07/11 13:47	
Chloroethane	ug/kg	ND	3.0	08/07/11 13:47	
Chloroform	ug/kg	ND	3.0	08/07/11 13:47	
Chloromethane	ug/kg	ND	3.0	08/07/11 13:47	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/07/11 13:47	

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 138 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

METHOD BLANK: 80837 Matrix: Solid

Associated Lab Samples: 258722001, 258722011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/07/11 13:47	
Dibromomethane	ug/kg	ND	3.0	08/07/11 13:47	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/07/11 13:47	
Ethylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/07/11 13:47	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/07/11 13:47	
m&p-Xylene	ug/kg	ND	6.0	08/07/11 13:47	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/07/11 13:47	
Methylene chloride	ug/kg	ND	10.0	08/07/11 13:47	
n-Butylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
n-Propylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Naphthalene	ug/kg	ND	3.0	08/07/11 13:47	
o-Xylene	ug/kg	ND	3.0	08/07/11 13:47	
p-Isopropyltoluene	ug/kg	ND	3.0	08/07/11 13:47	
sec-Butylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Styrene	ug/kg	ND	3.0	08/07/11 13:47	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/07/11 13:47	
tert-Butylbenzene	ug/kg	ND	3.0	08/07/11 13:47	
Tetrachloroethene	ug/kg	0.56J	3.0	08/07/11 13:47	
Toluene	ug/kg	ND	3.0	08/07/11 13:47	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/07/11 13:47	
Trichloroethene	ug/kg	ND	3.0	08/07/11 13:47	
Trichlorofluoromethane	ug/kg	ND	3.0	08/07/11 13:47	
Vinyl chloride	ug/kg	ND	3.0	08/07/11 13:47	
Xylene (Total)	ug/kg	ND	9.0	08/07/11 13:47	
1,2-Dichloroethane-d4 (S)	%	102	67-136	08/07/11 13:47	
4-Bromofluorobenzene (S)	%	103	67-142	08/07/11 13:47	
Dibromofluoromethane (S)	%	99	72-129	08/07/11 13:47	
Toluene-d8 (S)	%	100	69-133	08/07/11 13:47	

LABORATORY CONTROL SAMPLE & LCSD: 80838 80839

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	50.4	50.7	101	101	68-127	.6	15	
1,1,1-Trichloroethane	ug/kg	50	48.2	50.0	96	100	69-139	4	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.8	49.6	98	99	63-137	2	15	
1,1,2-Trichloroethane	ug/kg	50	48.9	49.4	98	99	65-131	1	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	46.1	46.9	92	94	64-153	2	27	
1,1-Dichloroethane	ug/kg	50	50.0	51.0	100	102	69-133	2	23	
1,1-Dichloroethene	ug/kg	50	48.6	51.4	97	103	68-157	6	28	
1,1-Dichloropropene	ug/kg	50	47.0	47.1	94	94	68-140	.3	21	
1,2,3-Trichlorobenzene	ug/kg	50	48.5	50.2	97	100	69-132	3	15	
1,2,3-Trichloropropane	ug/kg	50	48.0	48.0	96	96	71-124	.06	15	
1,2,4-Trichlorobenzene	ug/kg	50	47.7	50.2	95	100	68-137	5	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD: 80838		80839								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	45.3	47.3	91	95	74-124	4	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	53.9	53.3	108	107	52-133	1	22	
1,2-Dibromoethane (EDB)	ug/kg	50	51.8	51.6	104	103	66-129	.4	15	
1,2-Dichlorobenzene	ug/kg	50	45.7	47.5	91	95	78-122	4	15	
1,2-Dichloroethane	ug/kg	50	51.9	52.3	104	105	67-131	.9	15	
1,2-Dichloroethene (Total)	ug/kg	100	97.8	102	98	102	73-143	4	20	
1,2-Dichloropropane	ug/kg	50	50.7	51.9	101	104	67-133	2	15	
1,3,5-Trimethylbenzene	ug/kg	50	44.7	47.2	89	94	78-124	5	15	
1,3-Dichlorobenzene	ug/kg	50	44.0	46.0	88	92	79-122	4	15	
1,3-Dichloropropane	ug/kg	50	50.9	50.8	102	102	62-131	.2	15	
1,4-Dichlorobenzene	ug/kg	50	43.9	46.1	88	92	77-119	5	15	
2,2-Dichloropropane	ug/kg	50	44.5	45.6	89	91	66-143	2	20	
2-Butanone (MEK)	ug/kg	100	105	107	105	107	44-160	2	27	
2-Chlorotoluene	ug/kg	50	44.0	46.2	88	92	75-123	5	15	
2-Hexanone	ug/kg	100	106	108	106	108	40-160	2	21	
4-Chlorotoluene	ug/kg	50	44.6	47.6	89	95	78-127	6	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	98.9	98.8	99	99	46-156	.1	17	
Acetone	ug/kg	100	130	132	130	132	40-160	.9	30	
Benzene	ug/kg	50	48.4	50.0	97	100	69-133	3	15	
Bromobenzene	ug/kg	50	44.4	47.0	89	94	81-122	6	15	
Bromochloromethane	ug/kg	50	49.0	49.8	98	100	77-132	2	16	
Bromodichloromethane	ug/kg	50	49.9	51.1	100	102	75-132	2	15	
Bromoform	ug/kg	50	50.9	50.8	102	102	58-128	.2	15	
Bromomethane	ug/kg	50	36.4	39.6	73	79	46-160	9	24	
Carbon disulfide	ug/kg	50	48.6	50.7	97	101	56-143	4	24	
Carbon tetrachloride	ug/kg	50	47.8	49.4	96	99	65-146	3	24	
Chlorobenzene	ug/kg	50	47.6	48.4	95	97	76-123	2	15	
Chloroethane	ug/kg	50	40.9	42.8	82	86	51-146	5	24	
Chloroform	ug/kg	50	49.7	51.3	99	103	73-132	3	17	
Chloromethane	ug/kg	50	37.8	38.4	76	77	40-142	2	23	
cis-1,2-Dichloroethene	ug/kg	50	49.5	51.6	99	103	75-142	4	20	
cis-1,3-Dichloropropene	ug/kg	50	51.0	51.9	102	104	62-150	2	15	
Dibromochloromethane	ug/kg	50	49.6	49.1	99	98	70-126	1	15	
Dibromomethane	ug/kg	50	51.6	51.2	103	102	75-132	.7	15	
Dichlorodifluoromethane	ug/kg	50	27.4	29.0	55	58	40-160	6	24	
Ethylbenzene	ug/kg	50	45.8	46.6	92	93	68-126	2	15	
Hexachloro-1,3-butadiene	ug/kg	50	43.0	44.7	86	89	65-144	4	24	
Isopropylbenzene (Cumene)	ug/kg	50	46.7	47.6	93	95	73-120	2	15	
m&p-Xylene	ug/kg	100	91.6	93.6	92	94	66-128	2	15	
Methyl-tert-butyl ether	ug/kg	50	52.0	53.2	104	106	67-134	2	21	
Methylene chloride	ug/kg	50	46.0	46.9	92	94	59-149	2	20	
n-Butylbenzene	ug/kg	50	45.7	47.9	91	96	72-125	5	17	
n-Propylbenzene	ug/kg	50	43.1	45.4	86	91	73-131	5	18	
Naphthalene	ug/kg	50	50.1	52.1	100	104	54-147	4	23	
o-Xylene	ug/kg	50	47.3	47.5	95	95	70-125	.5	16	
p-Isopropyltoluene	ug/kg	50	41.8	43.9	84	88	76-127	5	17	
sec-Butylbenzene	ug/kg	50	42.7	44.3	85	89	75-134	4	20	
Styrene	ug/kg	50	46.8	48.0	94	96	72-124	3	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD:		80838	80839									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
tert-Amylmethyl ether	ug/kg	50	54.9	55.0	110	110	59-145	.2	17			
tert-Butylbenzene	ug/kg	50	43.8	45.2	88	90	74-130	3	21			
Tetrachloroethene	ug/kg	50	45.8	46.3	92	93	57-131	1	22			
Toluene	ug/kg	50	45.9	46.8	92	94	68-130	2	17			
trans-1,2-Dichloroethene	ug/kg	50	48.3	50.0	97	100	71-146	4	21			
trans-1,3-Dichloropropene	ug/kg	50	52.4	53.2	105	106	61-128	2	15			
Trichloroethene	ug/kg	50	46.3	47.3	93	95	71-138	2	18			
Trichlorofluoromethane	ug/kg	50	40.1	41.4	80	83	50-160	3	25			
Vinyl chloride	ug/kg	50	37.7	38.9	75	78	48-141	3	29			
Xylene (Total)	ug/kg	150	139	141	93	94	68-126	2	15			
1,2-Dichloroethane-d4 (S)	%				102	102	67-136					
4-Bromofluorobenzene (S)	%				97	98	67-142					
Dibromofluoromethane (S)	%				100	101	72-129					
Toluene-d8 (S)	%				100	100	69-133					

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: MSV/5101

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258722018, 258722020, 258722021, 258722023, 258722024, 258722029

METHOD BLANK: 81506

Matrix: Solid

Associated Lab Samples: 258722018, 258722020, 258722021, 258722023, 258722024, 258722029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/11/11 13:18	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/11/11 13:18	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/11/11 13:18	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/11/11 13:18	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/11/11 13:18	
1,1-Dichloroethane	ug/kg	ND	3.0	08/11/11 13:18	
1,1-Dichloroethene	ug/kg	ND	3.0	08/11/11 13:18	
1,1-Dichloropropene	ug/kg	ND	3.0	08/11/11 13:18	
1,2,3-Trichlorobenzene	ug/kg	1.0J	3.0	08/11/11 13:18	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/11/11 13:18	
1,2,4-Trichlorobenzene	ug/kg	0.91J	3.0	08/11/11 13:18	
1,2,4-Trimethylbenzene	ug/kg	0.56J	3.0	08/11/11 13:18	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/11/11 13:18	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/11/11 13:18	
1,2-Dichlorobenzene	ug/kg	0.45J	3.0	08/11/11 13:18	
1,2-Dichloroethane	ug/kg	ND	3.0	08/11/11 13:18	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/11/11 13:18	
1,2-Dichloropropane	ug/kg	ND	3.0	08/11/11 13:18	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/11/11 13:18	
1,3-Dichlorobenzene	ug/kg	0.41J	3.0	08/11/11 13:18	
1,3-Dichloropropane	ug/kg	ND	3.0	08/11/11 13:18	
1,4-Dichlorobenzene	ug/kg	0.49J	3.0	08/11/11 13:18	
2,2-Dichloropropane	ug/kg	ND	3.0	08/11/11 13:18	
2-Butanone (MEK)	ug/kg	4.0J	10.0	08/11/11 13:18	
2-Chlorotoluene	ug/kg	ND	3.0	08/11/11 13:18	
2-Hexanone	ug/kg	ND	10.0	08/11/11 13:18	
4-Chlorotoluene	ug/kg	0.28J	3.0	08/11/11 13:18	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/11/11 13:18	
Acetone	ug/kg	6.3J	10.0	08/11/11 13:18	
Benzene	ug/kg	0.17J	3.0	08/11/11 13:18	
Bromobenzene	ug/kg	0.27J	3.0	08/11/11 13:18	
Bromochloromethane	ug/kg	ND	3.0	08/11/11 13:18	
Bromodichloromethane	ug/kg	ND	3.0	08/11/11 13:18	
Bromoform	ug/kg	ND	3.0	08/11/11 13:18	
Bromomethane	ug/kg	ND	3.0	08/11/11 13:18	
Carbon disulfide	ug/kg	ND	3.0	08/11/11 13:18	
Carbon tetrachloride	ug/kg	ND	3.0	08/11/11 13:18	
Chlorobenzene	ug/kg	0.28J	3.0	08/11/11 13:18	
Chloroethane	ug/kg	ND	3.0	08/11/11 13:18	
Chloroform	ug/kg	0.90J	3.0	08/11/11 13:18	
Chloromethane	ug/kg	ND	3.0	08/11/11 13:18	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/11/11 13:18	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/11/11 13:18	

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 142 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

METHOD BLANK: 81506

Matrix: Solid

Associated Lab Samples: 258722018, 258722020, 258722021, 258722023, 258722024, 258722029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/11/11 13:18	
Dibromomethane	ug/kg	ND	3.0	08/11/11 13:18	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/11/11 13:18	
Ethylbenzene	ug/kg	ND	3.0	08/11/11 13:18	
Hexachloro-1,3-butadiene	ug/kg	0.61J	3.0	08/11/11 13:18	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/11/11 13:18	
m&p-Xylene	ug/kg	0.89J	6.0	08/11/11 13:18	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/11/11 13:18	
Methylene chloride	ug/kg	5.1J	10.0	08/11/11 13:18	
n-Butylbenzene	ug/kg	0.77J	3.0	08/11/11 13:18	
n-Propylbenzene	ug/kg	0.38J	3.0	08/11/11 13:18	
Naphthalene	ug/kg	ND	3.0	08/11/11 13:18	
o-Xylene	ug/kg	0.41J	3.0	08/11/11 13:18	
p-Isopropyltoluene	ug/kg	0.53J	3.0	08/11/11 13:18	
sec-Butylbenzene	ug/kg	ND	3.0	08/11/11 13:18	
Styrene	ug/kg	ND	3.0	08/11/11 13:18	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/11/11 13:18	
tert-Butylbenzene	ug/kg	ND	3.0	08/11/11 13:18	
Tetrachloroethene	ug/kg	ND	3.0	08/11/11 13:18	
Toluene	ug/kg	0.35J	3.0	08/11/11 13:18	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/11/11 13:18	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/11/11 13:18	
Trichloroethene	ug/kg	ND	3.0	08/11/11 13:18	
Trichlorofluoromethane	ug/kg	ND	3.0	08/11/11 13:18	
Vinyl chloride	ug/kg	ND	3.0	08/11/11 13:18	
Xylene (Total)	ug/kg	1.3J	9.0	08/11/11 13:18	
1,2-Dichloroethane-d4 (S)	%	97	67-136	08/11/11 13:18	
4-Bromofluorobenzene (S)	%	100	67-142	08/11/11 13:18	
Dibromofluoromethane (S)	%	99	72-129	08/11/11 13:18	
Toluene-d8 (S)	%	99	69-133	08/11/11 13:18	

LABORATORY CONTROL SAMPLE & LCSD: 81507

81644

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	47.3	44.3	95	89	68-127	7	15	
1,1,1-Trichloroethane	ug/kg	50	52.3	45.0	105	90	69-139	15	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	45.4	44.2	91	88	63-137	3	15	
1,1,2-Trichloroethane	ug/kg	50	45.1	42.9	90	86	65-131	5	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	59.5	49.9	119	100	64-153	17	27	
1,1-Dichloroethane	ug/kg	50	51.4	47.2	103	94	69-133	9	23	
1,1-Dichloroethene	ug/kg	50	65.2	57.0	130	114	68-157	13	28	
1,1-Dichloropropene	ug/kg	50	52.1	44.6	104	89	68-140	16	21	
1,2,3-Trichlorobenzene	ug/kg	50	44.5	44.5	89	89	69-132	.005	15	
1,2,3-Trichloropropane	ug/kg	50	46.8	44.8	94	90	71-124	4	15	
1,2,4-Trichlorobenzene	ug/kg	50	46.6	46.4	93	93	68-137	.3	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD: 81507		81644								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	49.7	45.6	99	91	74-124	9	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	44.5	42.7	89	85	52-133	4	22	
1,2-Dibromoethane (EDB)	ug/kg	50	45.1	44.7	90	89	66-129	.9	15	
1,2-Dichlorobenzene	ug/kg	50	47.5	45.6	95	91	78-122	4	15	
1,2-Dichloroethane	ug/kg	50	47.9	45.8	96	92	67-131	5	15	
1,2-Dichloroethene (Total)	ug/kg	100	108	97.7	108	98	73-143	10	20	
1,2-Dichloropropane	ug/kg	50	49.3	46.4	99	93	67-133	6	15	
1,3,5-Trimethylbenzene	ug/kg	50	50.8	46.1	102	92	78-124	10	15	
1,3-Dichlorobenzene	ug/kg	50	49.5	46.2	99	92	79-122	7	15	
1,3-Dichloropropane	ug/kg	50	46.6	44.6	93	89	62-131	4	15	
1,4-Dichlorobenzene	ug/kg	50	48.1	45.2	96	90	77-119	6	15	
2,2-Dichloropropane	ug/kg	50	57.8	48.0	116	96	66-143	19	20	
2-Butanone (MEK)	ug/kg	100	69.7	64.6	70	65	44-160	8	27	
2-Chlorotoluene	ug/kg	50	50.0	45.9	100	92	75-123	9	15	
2-Hexanone	ug/kg	100	71.7	67.3	72	67	40-160	6	21	
4-Chlorotoluene	ug/kg	50	51.1	47.1	102	94	78-127	8	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	76.5	72.7	76	73	46-156	5	17	
Acetone	ug/kg	100	62.0	54.5	62	54	40-160	13	30	
Benzene	ug/kg	50	51.8	47.0	104	94	69-133	10	15	
Bromobenzene	ug/kg	50	48.9	46.3	98	93	81-122	5	15	
Bromochloromethane	ug/kg	50	47.9	44.7	96	89	77-132	7	16	
Bromodichloromethane	ug/kg	50	48.3	45.8	97	92	75-132	5	15	
Bromoform	ug/kg	50	45.6	44.3	91	89	58-128	3	15	
Bromomethane	ug/kg	50	64.5	54.9	129	110	46-160	16	24	
Carbon disulfide	ug/kg	50	58.0	48.6	116	97	56-143	18	24	
Carbon tetrachloride	ug/kg	50	54.1	45.2	108	90	65-146	18	24	
Chlorobenzene	ug/kg	50	48.6	45.5	97	91	76-123	7	15	
Chloroethane	ug/kg	50	54.9	47.1	110	94	51-146	15	24	
Chloroform	ug/kg	50	50.5	46.5	101	93	73-132	8	17	
Chloromethane	ug/kg	50	42.7	39.6	85	79	40-142	7	23	
cis-1,2-Dichloroethene	ug/kg	50	52.0	47.5	104	95	75-142	9	20	
cis-1,3-Dichloropropene	ug/kg	50	45.7	43.2	91	86	62-150	6	15	
Dibromochloromethane	ug/kg	50	46.4	44.1	93	88	70-126	5	15	
Dibromomethane	ug/kg	50	46.9	45.3	94	91	75-132	3	15	
Dichlorodifluoromethane	ug/kg	50	45.4	38.0	91	76	40-160	18	24	
Ethylbenzene	ug/kg	50	49.4	44.7	99	89	68-126	10	15	
Hexachloro-1,3-butadiene	ug/kg	50	47.9	44.0	96	88	65-144	9	24	
Isopropylbenzene (Cumene)	ug/kg	50	51.0	46.0	102	92	73-120	10	15	
m&p-Xylene	ug/kg	100	97.0	89.2	97	89	66-128	8	15	
Methyl-tert-butyl ether	ug/kg	50	48.4	45.6	97	91	67-134	6	21	
Methylene chloride	ug/kg	50	54.3	52.0	109	104	59-149	4	20	
n-Butylbenzene	ug/kg	50	48.8	44.7	98	89	72-125	9	17	
n-Propylbenzene	ug/kg	50	51.2	45.6	102	91	73-131	11	18	
Naphthalene	ug/kg	50	43.8	44.9	88	90	54-147	2	23	
o-Xylene	ug/kg	50	48.2	45.0	96	90	70-125	7	16	
p-Isopropyltoluene	ug/kg	50	48.7	44.0	97	88	76-127	10	17	
sec-Butylbenzene	ug/kg	50	49.5	44.7	99	89	75-134	10	20	
Styrene	ug/kg	50	48.1	46.4	96	93	72-124	4	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD:		81507	81644									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
tert-Amylmethyl ether	ug/kg	50	40.3	36.0	81	72	59-145	11	17			
tert-Butylbenzene	ug/kg	50	50.0	45.5	100	91	74-130	10	21			
Tetrachloroethene	ug/kg	50	52.8	46.0	106	92	57-131	14	22			
Toluene	ug/kg	50	49.7	44.5	99	89	68-130	11	17			
trans-1,2-Dichloroethene	ug/kg	50	55.9	50.2	112	100	71-146	11	21			
trans-1,3-Dichloropropene	ug/kg	50	42.2	39.7	84	79	61-128	6	15			
Trichloroethene	ug/kg	50	51.4	44.3	103	89	71-138	15	18			
Trichlorofluoromethane	ug/kg	50	51.8	43.6	104	87	50-160	17	25			
Vinyl chloride	ug/kg	50	50.3	41.8	101	84	48-141	18	29			
Xylene (Total)	ug/kg	150	145	134	97	89	68-126	8	15			
1,2-Dichloroethane-d4 (S)	%				97	97	67-136					
4-Bromofluorobenzene (S)	%				100	101	67-142					
Dibromofluoromethane (S)	%				99	99	72-129					
Toluene-d8 (S)	%				101	100	69-133					

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

QC Batch: MSV/5103 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258722002, 258722003, 258722004, 258722005, 258722006, 258722007, 258722008, 258722009, 258722010, 258722012

METHOD BLANK: 81520 Matrix: Solid
Associated Lab Samples: 258722002, 258722003, 258722004, 258722005, 258722006, 258722007, 258722008, 258722009, 258722010, 258722012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/06/11 04:11	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/06/11 04:11	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/06/11 04:11	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/06/11 04:11	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/06/11 04:11	
1,1-Dichloroethane	ug/kg	ND	3.0	08/06/11 04:11	
1,1-Dichloroethene	ug/kg	ND	3.0	08/06/11 04:11	
1,1-Dichloropropene	ug/kg	ND	3.0	08/06/11 04:11	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/06/11 04:11	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/06/11 04:11	
1,2,4-Trichlorobenzene	ug/kg	0.40J	3.0	08/06/11 04:11	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/06/11 04:11	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/06/11 04:11	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/06/11 04:11	
1,2-Dichlorobenzene	ug/kg	0.26J	3.0	08/06/11 04:11	
1,2-Dichloroethane	ug/kg	ND	3.0	08/06/11 04:11	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/06/11 04:11	
1,2-Dichloropropane	ug/kg	ND	3.0	08/06/11 04:11	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/06/11 04:11	
1,3-Dichlorobenzene	ug/kg	0.22J	3.0	08/06/11 04:11	
1,3-Dichloropropane	ug/kg	ND	3.0	08/06/11 04:11	
1,4-Dichlorobenzene	ug/kg	0.30J	3.0	08/06/11 04:11	
2,2-Dichloropropane	ug/kg	ND	3.0	08/06/11 04:11	
2-Butanone (MEK)	ug/kg	ND	10.0	08/06/11 04:11	
2-Chlorotoluene	ug/kg	ND	3.0	08/06/11 04:11	
2-Hexanone	ug/kg	ND	10.0	08/06/11 04:11	
4-Chlorotoluene	ug/kg	ND	3.0	08/06/11 04:11	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/06/11 04:11	
Acetone	ug/kg	5.6J	10.0	08/06/11 04:11	
Benzene	ug/kg	0.17J	3.0	08/06/11 04:11	
Bromobenzene	ug/kg	ND	3.0	08/06/11 04:11	
Bromochloromethane	ug/kg	ND	3.0	08/06/11 04:11	
Bromodichloromethane	ug/kg	ND	3.0	08/06/11 04:11	
Bromoform	ug/kg	ND	3.0	08/06/11 04:11	
Bromomethane	ug/kg	ND	3.0	08/06/11 04:11	
Carbon disulfide	ug/kg	0.96J	3.0	08/06/11 04:11	
Carbon tetrachloride	ug/kg	ND	3.0	08/06/11 04:11	
Chlorobenzene	ug/kg	ND	3.0	08/06/11 04:11	
Chloroethane	ug/kg	ND	3.0	08/06/11 04:11	
Chloroform	ug/kg	ND	3.0	08/06/11 04:11	
Chloromethane	ug/kg	ND	3.0	08/06/11 04:11	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

METHOD BLANK: 81520

Matrix: Solid

Associated Lab Samples: 258722002, 258722003, 258722004, 258722005, 258722006, 258722007, 258722008, 258722009, 258722010, 258722012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/06/11 04:11	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/06/11 04:11	
Dibromochloromethane	ug/kg	ND	3.0	08/06/11 04:11	
Dibromomethane	ug/kg	ND	3.0	08/06/11 04:11	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/06/11 04:11	
Ethylbenzene	ug/kg	ND	3.0	08/06/11 04:11	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/06/11 04:11	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/06/11 04:11	
m&p-Xylene	ug/kg	ND	6.0	08/06/11 04:11	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/06/11 04:11	
Methylene chloride	ug/kg	10.8	10.0	08/06/11 04:11	B+
n-Butylbenzene	ug/kg	ND	3.0	08/06/11 04:11	
n-Propylbenzene	ug/kg	ND	3.0	08/06/11 04:11	
Naphthalene	ug/kg	ND	3.0	08/06/11 04:11	
o-Xylene	ug/kg	ND	3.0	08/06/11 04:11	
p-Isopropyltoluene	ug/kg	ND	3.0	08/06/11 04:11	
sec-Butylbenzene	ug/kg	ND	3.0	08/06/11 04:11	
Styrene	ug/kg	ND	3.0	08/06/11 04:11	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/06/11 04:11	
tert-Butylbenzene	ug/kg	ND	3.0	08/06/11 04:11	
Tetrachloroethene	ug/kg	1.9J	3.0	08/06/11 04:11	
Toluene	ug/kg	ND	3.0	08/06/11 04:11	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/06/11 04:11	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/06/11 04:11	
Trichloroethene	ug/kg	ND	3.0	08/06/11 04:11	
Trichlorofluoromethane	ug/kg	ND	3.0	08/06/11 04:11	
Vinyl chloride	ug/kg	ND	3.0	08/06/11 04:11	
Xylene (Total)	ug/kg	ND	9.0	08/06/11 04:11	
1,2-Dichloroethane-d4 (S)	%	98	67-136	08/06/11 04:11	
4-Bromofluorobenzene (S)	%	103	67-142	08/06/11 04:11	
Dibromofluoromethane (S)	%	100	72-129	08/06/11 04:11	
Toluene-d8 (S)	%	102	69-133	08/06/11 04:11	

LABORATORY CONTROL SAMPLE & LCSD: 81521

81522

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	49.5	49.0	99	98	68-127	.8	15	
1,1,1-Trichloroethane	ug/kg	50	45.8	42.3	92	85	69-139	8	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	51.2	51.0	102	102	63-137	.5	15	
1,1,2-Trichloroethane	ug/kg	50	50.6	50.8	101	102	65-131	.4	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	42.4	40.1	85	80	64-153	5	27	
1,1-Dichloroethane	ug/kg	50	48.2	46.5	96	93	69-133	4	23	
1,1-Dichloroethene	ug/kg	50	46.2	44.2	92	88	68-157	4	28	
1,1-Dichloropropene	ug/kg	50	43.4	41.7	87	83	68-140	4	21	

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 147 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD:		81521	81522								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,2,3-Trichlorobenzene	ug/kg	50	45.9	45.7	92	91	69-132	.5	15		
1,2,3-Trichloropropane	ug/kg	50	50.4	50.3	101	101	71-124	.3	15		
1,2,4-Trichlorobenzene	ug/kg	50	44.1	43.9	88	88	68-137	.3	15		
1,2,4-Trimethylbenzene	ug/kg	50	43.8	42.9	88	86	74-124	2	18		
1,2-Dibromo-3-chloropropane	ug/kg	50	56.2	55.7	112	111	52-133	.9	22		
1,2-Dibromoethane (EDB)	ug/kg	50	52.4	52.1	105	104	66-129	.4	15		
1,2-Dichlorobenzene	ug/kg	50	45.9	45.5	92	91	78-122	.9	15		
1,2-Dichloroethane	ug/kg	50	52.1	50.5	104	101	67-131	3	15		
1,2-Dichloroethane (Total)	ug/kg	100	95.5	91.5	95	92	73-143	4	20		
1,2-Dichloropropane	ug/kg	50	50.2	48.9	100	98	67-133	3	15		
1,3,5-Trimethylbenzene	ug/kg	50	43.4	42.6	87	85	78-124	2	15		
1,3-Dichlorobenzene	ug/kg	50	43.1	42.5	86	85	79-122	2	15		
1,3-Dichloropropane	ug/kg	50	51.7	51.5	103	103	62-131	.5	15		
1,4-Dichlorobenzene	ug/kg	50	43.5	42.9	87	86	77-119	1	15		
2,2-Dichloropropane	ug/kg	50	39.2	36.4	78	73	66-143	7	20		
2-Butanone (MEK)	ug/kg	100	104	101	104	101	44-160	4	27		
2-Chlorotoluene	ug/kg	50	42.8	42.9	86	86	75-123	.2	15		
2-Hexanone	ug/kg	100	108	108	108	108	40-160	.5	21		
4-Chlorotoluene	ug/kg	50	44.0	43.8	88	88	78-127	.5	15		
4-Methyl-2-pentanone (MIBK)	ug/kg	100	103	103	103	103	46-156	.5	17		
Acetone	ug/kg	100	122	112	122	112	40-160	9	30		
Benzene	ug/kg	50	46.5	44.9	93	90	69-133	3	15		
Bromobenzene	ug/kg	50	45.5	45.1	91	90	81-122	.9	15		
Bromochloromethane	ug/kg	50	50.2	49.1	100	98	77-132	2	16		
Bromodichloromethane	ug/kg	50	49.8	48.8	100	98	75-132	2	15		
Bromoform	ug/kg	50	53.2	52.5	106	105	58-128	1	15		
Bromomethane	ug/kg	50	34.8	35.3	70	71	46-160	1	24		
Carbon disulfide	ug/kg	50	45.8	42.7	92	85	56-143	7	24		
Carbon tetrachloride	ug/kg	50	44.4	41.9	89	84	65-146	6	24		
Chlorobenzene	ug/kg	50	46.2	46.0	92	92	76-123	.4	15		
Chloroethane	ug/kg	50	46.1	45.9	92	92	51-146	.3	24		
Chloroform	ug/kg	50	48.8	46.4	98	93	73-132	5	17		
Chloromethane	ug/kg	50	34.4	33.8	69	68	40-142	2	23		
cis-1,2-Dichloroethene	ug/kg	50	48.8	47.1	98	94	75-142	4	20		
cis-1,3-Dichloropropene	ug/kg	50	49.6	48.1	99	96	62-150	3	15		
Dibromochloromethane	ug/kg	50	50.1	49.4	100	99	70-126	1	15		
Dibromomethane	ug/kg	50	52.6	51.3	105	103	75-132	2	15		
Dichlorodifluoromethane	ug/kg	50	27.7	26.2	55	52	40-160	6	24		
Ethylbenzene	ug/kg	50	43.4	43.2	87	86	68-126	.4	15		
Hexachloro-1,3-butadiene	ug/kg	50	40.2	38.1	80	76	65-144	6	24		
Isopropylbenzene (Cumene)	ug/kg	50	44.1	43.0	88	86	73-120	2	15		
m&p-Xylene	ug/kg	100	87.7	84.6	88	85	66-128	4	15		
Methyl-tert-butyl ether	ug/kg	50	53.7	53.1	107	106	67-134	1	21		
Methylene chloride	ug/kg	50	57.8	56.6	116	113	59-149	2	20		
n-Butylbenzene	ug/kg	50	42.7	41.8	85	84	72-125	2	17		
n-Propylbenzene	ug/kg	50	41.6	40.2	83	80	73-131	3	18		
Naphthalene	ug/kg	50	49.2	50.2	98	100	54-147	2	23		
o-Xylene	ug/kg	50	45.3	44.9	91	90	70-125	.9	16		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD:		81521	81522									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
p-Isopropyltoluene	ug/kg	50	39.9	38.7	80	77	76-127	3	17			
sec-Butylbenzene	ug/kg	50	40.5	39.4	81	79	75-134	3	20			
Styrene	ug/kg	50	45.6	45.3	91	91	72-124	.7	19			
tert-Amylmethyl ether	ug/kg	50	53.9	51.0	108	102	59-145	6	17			
tert-Butylbenzene	ug/kg	50	42.3	40.7	85	81	74-130	4	21			
Tetrachloroethene	ug/kg	50	45.0	42.9	90	86	57-131	5	22			
Toluene	ug/kg	50	44.1	43.3	88	87	68-130	2	17			
trans-1,2-Dichloroethene	ug/kg	50	46.6	44.4	93	89	71-146	5	21			
trans-1,3-Dichloropropene	ug/kg	50	51.1	50.8	102	102	61-128	.6	15			
Trichloroethene	ug/kg	50	45.8	42.7	92	85	71-138	7	18			
Trichlorofluoromethane	ug/kg	50	36.6	34.1	73	68	50-160	7	25			
Vinyl chloride	ug/kg	50	34.1	31.9	68	64	48-141	7	29			
Xylene (Total)	ug/kg	150	133	129	89	86	68-126	3	15			
1,2-Dichloroethane-d4 (S)	%				104	103	67-136					
4-Bromofluorobenzene (S)	%				99	99	67-142					
Dibromofluoromethane (S)	%				100	101	72-129					
Toluene-d8 (S)	%				100	100	69-133					

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

QC Batch: MSV/5111 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258722013, 258722014, 258722015, 258722016, 258722017, 258722019, 258722022, 258722025, 258722026, 258722027, 258722028, 258722030, 258722031, 258722033

METHOD BLANK: 81683 Matrix: Solid
Associated Lab Samples: 258722013, 258722014, 258722015, 258722016, 258722017, 258722019, 258722022, 258722025, 258722026, 258722027, 258722028, 258722030, 258722031, 258722033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/12/11 09:22	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/12/11 09:22	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/12/11 09:22	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/12/11 09:22	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/12/11 09:22	
1,1-Dichloroethane	ug/kg	ND	3.0	08/12/11 09:22	
1,1-Dichloroethene	ug/kg	ND	3.0	08/12/11 09:22	
1,1-Dichloropropene	ug/kg	ND	3.0	08/12/11 09:22	
1,2,3-Trichlorobenzene	ug/kg	1.4J	3.0	08/12/11 09:22	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/12/11 09:22	
1,2,4-Trichlorobenzene	ug/kg	1.5J	3.0	08/12/11 09:22	
1,2,4-Trimethylbenzene	ug/kg	1.4J	3.0	08/12/11 09:22	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/12/11 09:22	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/12/11 09:22	
1,2-Dichlorobenzene	ug/kg	0.62J	3.0	08/12/11 09:22	
1,2-Dichloroethane	ug/kg	ND	3.0	08/12/11 09:22	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/12/11 09:22	
1,2-Dichloropropane	ug/kg	ND	3.0	08/12/11 09:22	
1,3,5-Trimethylbenzene	ug/kg	0.64J	3.0	08/12/11 09:22	
1,3-Dichlorobenzene	ug/kg	0.71J	3.0	08/12/11 09:22	
1,3-Dichloropropane	ug/kg	ND	3.0	08/12/11 09:22	
1,4-Dichlorobenzene	ug/kg	0.77J	3.0	08/12/11 09:22	
2,2-Dichloropropane	ug/kg	ND	3.0	08/12/11 09:22	
2-Butanone (MEK)	ug/kg	ND	10.0	08/12/11 09:22	
2-Chlorotoluene	ug/kg	0.55J	3.0	08/12/11 09:22	
2-Hexanone	ug/kg	4.4J	10.0	08/12/11 09:22	
4-Chlorotoluene	ug/kg	0.64J	3.0	08/12/11 09:22	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/12/11 09:22	
Acetone	ug/kg	ND	10.0	08/12/11 09:22	
Benzene	ug/kg	0.68J	3.0	08/12/11 09:22	
Bromobenzene	ug/kg	0.38J	3.0	08/12/11 09:22	
Bromochloromethane	ug/kg	ND	3.0	08/12/11 09:22	
Bromodichloromethane	ug/kg	ND	3.0	08/12/11 09:22	
Bromoform	ug/kg	ND	3.0	08/12/11 09:22	
Bromomethane	ug/kg	ND	3.0	08/12/11 09:22	
Carbon disulfide	ug/kg	ND	3.0	08/12/11 09:22	
Carbon tetrachloride	ug/kg	ND	3.0	08/12/11 09:22	
Chlorobenzene	ug/kg	0.35J	3.0	08/12/11 09:22	
Chloroethane	ug/kg	ND	3.0	08/12/11 09:22	
Chloroform	ug/kg	ND	3.0	08/12/11 09:22	
Chloromethane	ug/kg	ND	3.0	08/12/11 09:22	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

METHOD BLANK: 81683

Matrix: Solid

Associated Lab Samples: 258722013, 258722014, 258722015, 258722016, 258722017, 258722019, 258722022, 258722025, 258722026, 258722027, 258722028, 258722030, 258722031, 258722033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/12/11 09:22	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/12/11 09:22	
Dibromochloromethane	ug/kg	ND	3.0	08/12/11 09:22	
Dibromomethane	ug/kg	ND	3.0	08/12/11 09:22	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/12/11 09:22	
Ethylbenzene	ug/kg	0.89J	3.0	08/12/11 09:22	
Hexachloro-1,3-butadiene	ug/kg	0.90J	3.0	08/12/11 09:22	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/12/11 09:22	
m&p-Xylene	ug/kg	3.4J	6.0	08/12/11 09:22	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/12/11 09:22	
Methylene chloride	ug/kg	ND	10.0	08/12/11 09:22	
n-Butylbenzene	ug/kg	1.1J	3.0	08/12/11 09:22	
n-Propylbenzene	ug/kg	0.75J	3.0	08/12/11 09:22	
Naphthalene	ug/kg	ND	3.0	08/12/11 09:22	
o-Xylene	ug/kg	0.89J	3.0	08/12/11 09:22	
p-Isopropyltoluene	ug/kg	0.67J	3.0	08/12/11 09:22	
sec-Butylbenzene	ug/kg	0.54J	3.0	08/12/11 09:22	
Styrene	ug/kg	ND	3.0	08/12/11 09:22	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/12/11 09:22	
tert-Butylbenzene	ug/kg	0.41J	3.0	08/12/11 09:22	
Tetrachloroethene	ug/kg	ND	3.0	08/12/11 09:22	
Toluene	ug/kg	1.2J	3.0	08/12/11 09:22	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/12/11 09:22	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/12/11 09:22	
Trichloroethene	ug/kg	ND	3.0	08/12/11 09:22	
Trichlorofluoromethane	ug/kg	ND	3.0	08/12/11 09:22	
Vinyl chloride	ug/kg	ND	3.0	08/12/11 09:22	
Xylene (Total)	ug/kg	4.3J	9.0	08/12/11 09:22	
1,2-Dichloroethane-d4 (S)	%	97	67-136	08/12/11 09:22	
4-Bromofluorobenzene (S)	%	101	67-142	08/12/11 09:22	
Dibromofluoromethane (S)	%	101	72-129	08/12/11 09:22	
Toluene-d8 (S)	%	100	69-133	08/12/11 09:22	

LABORATORY CONTROL SAMPLE & LCSD: 81684

81685

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	50.3	49.3	101	99	68-127	2	15	
1,1,1-Trichloroethane	ug/kg	50	47.3	45.2	95	90	69-139	5	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	52.0	51.6	104	103	63-137	.8	15	
1,1,2-Trichloroethane	ug/kg	50	49.1	48.7	98	97	65-131	.9	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	54.5	50.9	109	102	64-153	7	27	
1,1-Dichloroethane	ug/kg	50	50.4	49.5	101	99	69-133	2	23	
1,1-Dichloroethene	ug/kg	50	60.1	58.1	120	116	68-157	3	28	
1,1-Dichloropropene	ug/kg	50	45.4	43.1	91	86	68-140	5	21	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD: 81684		81685								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	49.8	46.9	100	94	69-132	6	15	
1,2,3-Trichloropropane	ug/kg	50	50.9	51.1	102	102	71-124	.3	15	
1,2,4-Trichlorobenzene	ug/kg	50	49.2	46.5	98	93	68-137	6	15	
1,2,4-Trimethylbenzene	ug/kg	50	48.8	48.1	98	96	74-124	1	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	52.3	53.8	105	108	52-133	3	22	
1,2-Dibromoethane (EDB)	ug/kg	50	51.7	50.9	103	102	66-129	2	15	
1,2-Dichlorobenzene	ug/kg	50	50.1	49.4	100	99	78-122	1	15	
1,2-Dichloroethane	ug/kg	50	51.8	51.5	104	103	67-131	.5	15	
1,2-Dichloroethene (Total)	ug/kg	100	106	102	106	102	73-143	4	20	
1,2-Dichloropropane	ug/kg	50	49.9	50.0	100	100	67-133	.2	15	
1,3,5-Trimethylbenzene	ug/kg	50	48.4	46.8	97	94	78-124	3	15	
1,3-Dichlorobenzene	ug/kg	50	49.6	48.8	99	98	79-122	2	15	
1,3-Dichloropropane	ug/kg	50	50.8	50.3	102	101	62-131	.9	15	
1,4-Dichlorobenzene	ug/kg	50	48.7	48.1	97	96	77-119	1	15	
2,2-Dichloropropane	ug/kg	50	47.3	45.5	95	91	66-143	4	20	
2-Butanone (MEK)	ug/kg	100	91.2	90.0	91	90	44-160	1	27	
2-Chlorotoluene	ug/kg	50	49.0	47.1	98	94	75-123	4	15	
2-Hexanone	ug/kg	100	87.8	89.5	88	89	40-160	2	21	
4-Chlorotoluene	ug/kg	50	50.0	49.1	100	98	78-127	2	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	87.9	88.6	88	89	46-156	.8	17	
Acetone	ug/kg	100	87.4	77.5	87	78	40-160	12	30	
Benzene	ug/kg	50	51.6	50.1	103	100	69-133	3	15	
Bromobenzene	ug/kg	50	50.9	50.3	102	101	81-122	1	15	
Bromochloromethane	ug/kg	50	52.6	52.3	105	105	77-132	.5	16	
Bromodichloromethane	ug/kg	50	50.8	50.7	102	101	75-132	.3	15	
Bromoform	ug/kg	50	52.7	52.7	105	105	58-128	.1	15	
Bromomethane	ug/kg	50	66.6	65.6	133	131	46-160	2	24	
Carbon disulfide	ug/kg	50	52.2	50.0	104	100	56-143	4	24	
Carbon tetrachloride	ug/kg	50	51.3	48.6	103	97	65-146	6	24	
Chlorobenzene	ug/kg	50	48.4	47.5	97	95	76-123	2	15	
Chloroethane	ug/kg	50	51.1	51.3	102	103	51-146	.5	24	
Chloroform	ug/kg	50	50.6	49.6	101	99	73-132	2	17	
Chloromethane	ug/kg	50	39.9	41.7	80	83	40-142	4	23	
cis-1,2-Dichloroethene	ug/kg	50	52.1	50.7	104	101	75-142	3	20	
cis-1,3-Dichloropropene	ug/kg	50	49.2	48.9	98	98	62-150	.5	15	
Dibromochloromethane	ug/kg	50	51.7	51.5	103	103	70-126	.4	15	
Dibromomethane	ug/kg	50	52.2	52.1	104	104	75-132	.2	15	
Dichlorodifluoromethane	ug/kg	50	55.2	51.4	110	103	40-160	7	24	
Ethylbenzene	ug/kg	50	47.2	45.3	94	91	68-126	4	15	
Hexachloro-1,3-butadiene	ug/kg	50	44.6	40.9	89	82	65-144	9	24	
Isopropylbenzene (Cumene)	ug/kg	50	46.7	45.0	93	90	73-120	4	15	
m&p-Xylene	ug/kg	100	97.3	93.9	97	94	66-128	4	15	
Methyl-tert-butyl ether	ug/kg	50	53.3	51.9	107	104	67-134	3	21	
Methylene chloride	ug/kg	50	55.6	55.1	111	110	59-149	1	20	
n-Butylbenzene	ug/kg	50	44.8	43.0	90	86	72-125	4	17	
n-Propylbenzene	ug/kg	50	46.6	45.5	93	91	73-131	2	18	
Naphthalene	ug/kg	50	54.1	51.2	108	102	54-147	6	23	
o-Xylene	ug/kg	50	48.5	47.9	97	96	70-125	1	16	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD:		81684	81685							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/kg	50	44.8	43.6	90	87	76-127	3	17	
sec-Butylbenzene	ug/kg	50	45.9	44.3	92	89	75-134	4	20	
Styrene	ug/kg	50	48.7	48.5	97	97	72-124	4	19	
tert-Amylmethyl ether	ug/kg	50	53.0	48.4	106	97	59-145	9	17	
tert-Butylbenzene	ug/kg	50	46.2	45.2	92	90	74-130	2	21	
Tetrachloroethene	ug/kg	50	47.3	44.6	95	89	57-131	6	22	
Toluene	ug/kg	50	48.4	46.7	97	93	68-130	3	17	
trans-1,2-Dichloroethene	ug/kg	50	54.1	50.9	108	102	71-146	6	21	
trans-1,3-Dichloropropene	ug/kg	50	50.0	48.7	100	97	61-128	3	15	
Trichloroethene	ug/kg	50	47.1	44.8	94	90	71-138	5	18	
Trichlorofluoromethane	ug/kg	50	45.6	43.0	91	86	50-160	6	25	
Vinyl chloride	ug/kg	50	47.6	45.7	95	91	48-141	4	29	
Xylene (Total)	ug/kg	150	146	142	97	95	68-126	3	15	
1,2-Dichloroethane-d4 (S)	%				96	98	67-136			
4-Bromofluorobenzene (S)	%				101	102	67-142			
Dibromofluoromethane (S)	%				100	101	72-129			
Toluene-d8 (S)	%				98	98	69-133			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

QC Batch: MSV/5112 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258722034, 258722035, 258722036, 258722037, 258722038, 258722039, 258722040, 258722041, 258722042, 258722043, 258722044, 258722045

METHOD BLANK: 81686 Matrix: Solid
Associated Lab Samples: 258722034, 258722035, 258722036, 258722037, 258722038, 258722039, 258722040, 258722041, 258722042, 258722043, 258722044, 258722045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/12/11 16:42	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/12/11 16:42	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/12/11 16:42	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/12/11 16:42	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/12/11 16:42	
1,1-Dichloroethane	ug/kg	ND	3.0	08/12/11 16:42	
1,1-Dichloroethene	ug/kg	ND	3.0	08/12/11 16:42	
1,1-Dichloropropene	ug/kg	ND	3.0	08/12/11 16:42	
1,2,3-Trichlorobenzene	ug/kg	0.40J	3.0	08/12/11 16:42	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/12/11 16:42	
1,2,4-Trichlorobenzene	ug/kg	0.36J	3.0	08/12/11 16:42	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/12/11 16:42	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/12/11 16:42	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/12/11 16:42	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/12/11 16:42	
1,2-Dichloroethane	ug/kg	ND	3.0	08/12/11 16:42	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/12/11 16:42	
1,2-Dichloropropane	ug/kg	ND	3.0	08/12/11 16:42	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/12/11 16:42	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/12/11 16:42	
1,3-Dichloropropane	ug/kg	ND	3.0	08/12/11 16:42	
1,4-Dichlorobenzene	ug/kg	0.31J	3.0	08/12/11 16:42	
2,2-Dichloropropane	ug/kg	ND	3.0	08/12/11 16:42	
2-Butanone (MEK)	ug/kg	ND	10.0	08/12/11 16:42	
2-Chlorotoluene	ug/kg	ND	3.0	08/12/11 16:42	
2-Hexanone	ug/kg	ND	10.0	08/12/11 16:42	
4-Chlorotoluene	ug/kg	ND	3.0	08/12/11 16:42	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/12/11 16:42	
Acetone	ug/kg	ND	10.0	08/12/11 16:42	
Benzene	ug/kg	0.26J	3.0	08/12/11 16:42	
Bromobenzene	ug/kg	ND	3.0	08/12/11 16:42	
Bromochloromethane	ug/kg	ND	3.0	08/12/11 16:42	
Bromodichloromethane	ug/kg	ND	3.0	08/12/11 16:42	
Bromoform	ug/kg	ND	3.0	08/12/11 16:42	
Bromomethane	ug/kg	ND	3.0	08/12/11 16:42	
Carbon disulfide	ug/kg	ND	3.0	08/12/11 16:42	
Carbon tetrachloride	ug/kg	ND	3.0	08/12/11 16:42	
Chlorobenzene	ug/kg	ND	3.0	08/12/11 16:42	
Chloroethane	ug/kg	ND	3.0	08/12/11 16:42	
Chloroform	ug/kg	ND	3.0	08/12/11 16:42	
Chloromethane	ug/kg	ND	3.0	08/12/11 16:42	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

METHOD BLANK: 81686

Matrix: Solid

Associated Lab Samples: 258722034, 258722035, 258722036, 258722037, 258722038, 258722039, 258722040, 258722041, 258722042, 258722043, 258722044, 258722045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/12/11 16:42	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/12/11 16:42	
Dibromochloromethane	ug/kg	ND	3.0	08/12/11 16:42	
Dibromomethane	ug/kg	ND	3.0	08/12/11 16:42	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/12/11 16:42	
Ethylbenzene	ug/kg	ND	3.0	08/12/11 16:42	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/12/11 16:42	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/12/11 16:42	
m&p-Xylene	ug/kg	1.2J	6.0	08/12/11 16:42	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/12/11 16:42	
Methylene chloride	ug/kg	6.7J	10.0	08/12/11 16:42	
n-Butylbenzene	ug/kg	ND	3.0	08/12/11 16:42	
n-Propylbenzene	ug/kg	ND	3.0	08/12/11 16:42	
Naphthalene	ug/kg	ND	3.0	08/12/11 16:42	
o-Xylene	ug/kg	ND	3.0	08/12/11 16:42	
p-Isopropyltoluene	ug/kg	ND	3.0	08/12/11 16:42	
sec-Butylbenzene	ug/kg	ND	3.0	08/12/11 16:42	
Styrene	ug/kg	ND	3.0	08/12/11 16:42	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/12/11 16:42	
tert-Butylbenzene	ug/kg	ND	3.0	08/12/11 16:42	
Tetrachloroethene	ug/kg	ND	3.0	08/12/11 16:42	
Toluene	ug/kg	0.50J	3.0	08/12/11 16:42	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/12/11 16:42	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/12/11 16:42	
Trichloroethene	ug/kg	ND	3.0	08/12/11 16:42	
Trichlorofluoromethane	ug/kg	ND	3.0	08/12/11 16:42	
Vinyl chloride	ug/kg	ND	3.0	08/12/11 16:42	
Xylene (Total)	ug/kg	1.5J	9.0	08/12/11 16:42	
1,2-Dichloroethane-d4 (S)	%	99	67-136	08/12/11 16:42	
4-Bromofluorobenzene (S)	%	101	67-142	08/12/11 16:42	
Dibromofluoromethane (S)	%	100	72-129	08/12/11 16:42	
Toluene-d8 (S)	%	99	69-133	08/12/11 16:42	

LABORATORY CONTROL SAMPLE & LCSD: 81687

81688

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	45.8	44.6	92	89	68-127	3	15	
1,1,1-Trichloroethane	ug/kg	50	49.5	45.2	99	90	69-139	9	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	43.9	44.1	88	88	63-137	.4	15	
1,1,2-Trichloroethane	ug/kg	50	44.5	44.1	89	88	65-131	1	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	57.4	51.5	115	103	64-153	11	27	
1,1-Dichloroethane	ug/kg	50	50.1	46.6	100	93	69-133	7	23	
1,1-Dichloroethene	ug/kg	50	62.8	57.4	126	115	68-157	9	28	
1,1-Dichloropropene	ug/kg	50	47.4	44.0	95	88	68-140	7	21	

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 155 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD: 81687		81688								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	42.8	44.2	86	88	69-132	3	15	
1,2,3-Trichloropropane	ug/kg	50	44.4	47.2	89	94	71-124	6	15	
1,2,4-Trichlorobenzene	ug/kg	50	43.9	44.4	88	89	68-137	1	15	
1,2,4-Trimethylbenzene	ug/kg	50	45.0	44.2	90	88	74-124	2	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	44.6	44.8	89	90	52-133	.5	22	
1,2-Dibromoethane (EDB)	ug/kg	50	45.4	45.4	91	91	66-129	.1	15	
1,2-Dichlorobenzene	ug/kg	50	44.5	44.5	89	89	78-122	.08	15	
1,2-Dichloroethane	ug/kg	50	48.5	46.2	97	92	67-131	5	15	
1,2-Dichloroethene (Total)	ug/kg	100	104	97.0	104	97	73-143	7	20	
1,2-Dichloropropane	ug/kg	50	47.8	45.9	96	92	67-133	4	15	
1,3,5-Trimethylbenzene	ug/kg	50	45.6	44.5	91	89	78-124	2	15	
1,3-Dichlorobenzene	ug/kg	50	45.4	44.4	91	89	79-122	2	15	
1,3-Dichloropropane	ug/kg	50	46.1	45.5	92	91	62-131	1	15	
1,4-Dichlorobenzene	ug/kg	50	44.1	43.8	88	88	77-119	.8	15	
2,2-Dichloropropane	ug/kg	50	54.0	47.5	108	95	66-143	13	20	
2-Butanone (MEK)	ug/kg	100	103	94.3	103	94	44-160	9	27	
2-Chlorotoluene	ug/kg	50	45.4	44.4	91	89	75-123	2	15	
2-Hexanone	ug/kg	100	94.1	90.9	94	91	40-160	3	21	
4-Chlorotoluene	ug/kg	50	46.1	46.2	92	92	78-127	.2	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	87.3	87.9	87	88	46-156	.7	17	
Acetone	ug/kg	100	109	97.4	109	97	40-160	11	30	
Benzene	ug/kg	50	49.6	46.6	99	93	69-133	6	15	
Bromobenzene	ug/kg	50	45.4	46.0	91	92	81-122	1	15	
Bromochloromethane	ug/kg	50	47.8	47.4	96	95	77-132	.8	16	
Bromodichloromethane	ug/kg	50	47.7	45.6	95	91	75-132	5	15	
Bromoform	ug/kg	50	46.7	45.9	93	92	58-128	2	15	
Bromomethane	ug/kg	50	73.8	67.4	148	135	46-160	9	24	
Carbon disulfide	ug/kg	50	69.3	62.2	139	124	56-143	11	24	
Carbon tetrachloride	ug/kg	50	51.0	45.7	102	91	65-146	11	24	
Chlorobenzene	ug/kg	50	46.1	44.3	92	89	76-123	4	15	
Chloroethane	ug/kg	50	56.9	50.6	114	101	51-146	12	24	
Chloroform	ug/kg	50	48.8	46.2	98	92	73-132	5	17	
Chloromethane	ug/kg	50	44.7	39.9	89	80	40-142	11	23	
cis-1,2-Dichloroethene	ug/kg	50	49.7	46.9	99	94	75-142	6	20	
cis-1,3-Dichloropropene	ug/kg	50	44.9	43.3	90	87	62-150	4	15	
Dibromochloromethane	ug/kg	50	46.9	45.4	94	91	70-126	3	15	
Dibromomethane	ug/kg	50	47.2	45.3	94	91	75-132	4	15	
Dichlorodifluoromethane	ug/kg	50	57.3	51.3	115	103	40-160	11	24	
Ethylbenzene	ug/kg	50	46.0	43.7	92	87	68-126	5	15	
Hexachloro-1,3-butadiene	ug/kg	50	42.7	41.4	85	83	65-144	3	24	
Isopropylbenzene (Cumene)	ug/kg	50	46.6	44.0	93	88	73-120	6	15	
m&p-Xylene	ug/kg	100	91.9	86.8	92	87	66-128	6	15	
Methyl-tert-butyl ether	ug/kg	50	50.0	47.0	100	94	67-134	6	21	
Methylene chloride	ug/kg	50	58.3	55.9	117	112	59-149	4	20	
n-Butylbenzene	ug/kg	50	43.6	42.4	87	85	72-125	3	17	
n-Propylbenzene	ug/kg	50	45.6	44.2	91	88	73-131	3	18	
Naphthalene	ug/kg	50	45.9	47.6	92	95	54-147	4	23	
o-Xylene	ug/kg	50	45.4	43.8	91	88	70-125	4	16	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD: 81687		81688								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/kg	50	43.1	42.3	86	85	76-127	2	17	
sec-Butylbenzene	ug/kg	50	44.8	43.4	90	87	75-134	3	20	
Styrene	ug/kg	50	45.8	45.2	92	90	72-124	1	19	
tert-Amylmethyl ether	ug/kg	50	54.9	48.5	110	97	59-145	12	17	
tert-Butylbenzene	ug/kg	50	44.9	43.7	90	87	74-130	3	21	
Tetrachloroethene	ug/kg	50	48.6	45.3	97	91	57-131	7	22	
Toluene	ug/kg	50	45.7	44.1	91	88	68-130	4	17	
trans-1,2-Dichloroethene	ug/kg	50	54.1	50.1	108	100	71-146	8	21	
trans-1,3-Dichloropropene	ug/kg	50	44.6	42.7	89	85	61-128	4	15	
Trichloroethene	ug/kg	50	48.6	44.9	97	90	71-138	8	18	
Trichlorofluoromethane	ug/kg	50	52.1	47.2	104	94	50-160	10	25	
Vinyl chloride	ug/kg	50	53.5	47.5	107	95	48-141	12	29	
Xylene (Total)	ug/kg	150	137	131	92	87	68-126	5	15	
1,2-Dichloroethane-d4 (S)	%				101	100	67-136			
4-Bromofluorobenzene (S)	%				100	100	67-142			
Dibromofluoromethane (S)	%				102	101	72-129			
Toluene-d8 (S)	%				98	100	69-133			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

QC Batch: MSV/5118 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258722046, 258722048, 258722049, 258722050, 258722052

METHOD BLANK: 81812 Matrix: Solid
Associated Lab Samples: 258722046, 258722048, 258722049, 258722050, 258722052

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1-Dichloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1-Dichloroethene	ug/kg	ND	3.0	08/12/11 17:59	
1,1-Dichloropropene	ug/kg	ND	3.0	08/12/11 17:59	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/12/11 17:59	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/12/11 17:59	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/12/11 17:59	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,2-Dichloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/12/11 17:59	
1,2-Dichloropropane	ug/kg	ND	3.0	08/12/11 17:59	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,3-Dichloropropane	ug/kg	ND	3.0	08/12/11 17:59	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
2,2-Dichloropropane	ug/kg	ND	3.0	08/12/11 17:59	
2-Butanone (MEK)	ug/kg	ND	10.0	08/12/11 17:59	
2-Chlorotoluene	ug/kg	ND	3.0	08/12/11 17:59	
2-Hexanone	ug/kg	ND	10.0	08/12/11 17:59	
4-Chlorotoluene	ug/kg	ND	3.0	08/12/11 17:59	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/12/11 17:59	
Acetone	ug/kg	ND	10.0	08/12/11 17:59	
Benzene	ug/kg	ND	3.0	08/12/11 17:59	
Bromobenzene	ug/kg	ND	3.0	08/12/11 17:59	
Bromochloromethane	ug/kg	ND	3.0	08/12/11 17:59	
Bromodichloromethane	ug/kg	ND	3.0	08/12/11 17:59	
Bromoform	ug/kg	ND	3.0	08/12/11 17:59	
Bromomethane	ug/kg	ND	3.0	08/12/11 17:59	
Carbon disulfide	ug/kg	0.34J	3.0	08/12/11 17:59	
Carbon tetrachloride	ug/kg	ND	3.0	08/12/11 17:59	
Chlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
Chloroethane	ug/kg	ND	3.0	08/12/11 17:59	
Chloroform	ug/kg	ND	3.0	08/12/11 17:59	
Chloromethane	ug/kg	ND	3.0	08/12/11 17:59	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/12/11 17:59	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/12/11 17:59	

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 158 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

METHOD BLANK: 81812

Matrix: Solid

Associated Lab Samples: 258722046, 258722048, 258722049, 258722050, 258722052

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/12/11 17:59	
Dibromomethane	ug/kg	ND	3.0	08/12/11 17:59	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/12/11 17:59	
Ethylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/12/11 17:59	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/12/11 17:59	
m&p-Xylene	ug/kg	ND	6.0	08/12/11 17:59	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/12/11 17:59	
Methylene chloride	ug/kg	5.0J	10.0	08/12/11 17:59	
n-Butylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
n-Propylbenzene	ug/kg	0.73J	3.0	08/12/11 17:59	
Naphthalene	ug/kg	ND	3.0	08/12/11 17:59	
o-Xylene	ug/kg	ND	3.0	08/12/11 17:59	
p-Isopropyltoluene	ug/kg	ND	3.0	08/12/11 17:59	
sec-Butylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
Styrene	ug/kg	ND	3.0	08/12/11 17:59	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/12/11 17:59	
tert-Butylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
Tetrachloroethene	ug/kg	ND	3.0	08/12/11 17:59	
Toluene	ug/kg	ND	3.0	08/12/11 17:59	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/12/11 17:59	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/12/11 17:59	
Trichloroethene	ug/kg	ND	3.0	08/12/11 17:59	
Trichlorofluoromethane	ug/kg	ND	3.0	08/12/11 17:59	
Vinyl chloride	ug/kg	ND	3.0	08/12/11 17:59	
Xylene (Total)	ug/kg	0.92J	9.0	08/12/11 17:59	
1,2-Dichloroethane-d4 (S)	%	100	67-136	08/12/11 17:59	
4-Bromofluorobenzene (S)	%	100	67-142	08/12/11 17:59	
Dibromofluoromethane (S)	%	100	72-129	08/12/11 17:59	
Toluene-d8 (S)	%	99	69-133	08/12/11 17:59	

LABORATORY CONTROL SAMPLE & LCSD: 81813

82261

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.5	49.3	105	99	68-127	6	15	
1,1,1-Trichloroethane	ug/kg	50	56.9	51.5	114	103	69-139	10	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	52.3	49.6	105	99	63-137	5	15	
1,1,2-Trichloroethane	ug/kg	50	51.8	48.5	104	97	65-131	7	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	57.6	55.6	115	111	64-153	3	27	
1,1-Dichloroethane	ug/kg	50	56.3	52.1	113	104	69-133	8	23	
1,1-Dichloroethene	ug/kg	50	63.8	62.3	128	125	68-157	2	28	
1,1-Dichloropropene	ug/kg	50	54.5	45.9	109	92	68-140	17	21	
1,2,3-Trichlorobenzene	ug/kg	50	48.4	47.6	97	95	69-132	2	15	
1,2,3-Trichloropropane	ug/kg	50	47.6	43.8	95	88	71-124	8	15	
1,2,4-Trichlorobenzene	ug/kg	50	49.0	48.8	98	98	68-137	.3	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD: 81813		82261								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	50.0	46.8	100	94	74-124	7	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	48.2	44.8	96	90	52-133	8	22	
1,2-Dibromoethane (EDB)	ug/kg	50	52.4	51.8	105	104	66-129	1	15	
1,2-Dichlorobenzene	ug/kg	50	50.4	47.2	101	94	78-122	7	15	
1,2-Dichloroethane	ug/kg	50	52.9	50.2	106	100	67-131	5	15	
1,2-Dichloroethene (Total)	ug/kg	100	118	108	118	108	73-143	8	20	
1,2-Dichloropropane	ug/kg	50	55.2	52.6	110	105	67-133	5	15	
1,3,5-Trimethylbenzene	ug/kg	50	53.7	48.9	107	98	78-124	9	15	
1,3-Dichlorobenzene	ug/kg	50	51.7	48.3	103	97	79-122	7	15	
1,3-Dichloropropane	ug/kg	50	52.0	48.8	104	98	62-131	6	15	
1,4-Dichlorobenzene	ug/kg	50	50.0	47.1	100	94	77-119	6	15	
2,2-Dichloropropane	ug/kg	50	56.3	52.6	113	105	66-143	7	20	
2-Butanone (MEK)	ug/kg	100	121	96.4	121	96	44-160	23	27	
2-Chlorotoluene	ug/kg	50	50.6	46.0	101	92	75-123	10	15	
2-Hexanone	ug/kg	100	115	99.7	115	100	40-160	14	21	
4-Chlorotoluene	ug/kg	50	53.1	49.3	106	99	78-127	7	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	107	99.1	107	99	46-156	8	17	
Acetone	ug/kg	100	133	109	133	109	40-160	20	30	
Benzene	ug/kg	50	52.8	49.6	106	99	69-133	6	15	
Bromobenzene	ug/kg	50	53.1	48.8	106	98	81-122	8	15	
Bromochloromethane	ug/kg	50	55.3	51.9	111	104	77-132	6	16	
Bromodichloromethane	ug/kg	50	51.1	48.7	102	97	75-132	5	15	
Bromoform	ug/kg	50	46.6	44.3	93	89	58-128	5	15	
Bromomethane	ug/kg	50	52.7	55.8	105	112	46-160	6	24	
Carbon disulfide	ug/kg	50	70.8	63.5	142	127	56-143	11	24	
Carbon tetrachloride	ug/kg	50	57.1	50.0	114	100	65-146	13	24	
Chlorobenzene	ug/kg	50	52.8	49.4	106	99	76-123	7	15	
Chloroethane	ug/kg	50	55.3	56.8	111	114	51-146	3	24	
Chloroform	ug/kg	50	54.4	50.4	109	101	73-132	8	17	
Chloromethane	ug/kg	50	55.9	57.3	112	115	40-142	2	23	
cis-1,2-Dichloroethene	ug/kg	50	57.0	53.3	114	107	75-142	7	20	
cis-1,3-Dichloropropene	ug/kg	50	53.3	52.3	107	105	62-150	2	15	
Dibromochloromethane	ug/kg	50	51.6	48.0	103	96	70-126	7	15	
Dibromomethane	ug/kg	50	52.2	51.3	104	103	75-132	2	15	
Dichlorodifluoromethane	ug/kg	50	61.7	58.1	123	116	40-160	6	24	
Ethylbenzene	ug/kg	50	53.5	49.4	107	99	68-126	8	15	
Hexachloro-1,3-butadiene	ug/kg	50	51.6	47.9	103	96	65-144	7	24	
Isopropylbenzene (Cumene)	ug/kg	50	49.5	46.7	99	93	73-120	6	15	
m&p-Xylene	ug/kg	100	97.8	90.2	98	90	66-128	8	15	
Methyl-tert-butyl ether	ug/kg	50	55.6	51.6	111	103	67-134	7	21	
Methylene chloride	ug/kg	50	62.6	59.7	125	119	59-149	5	20	
n-Butylbenzene	ug/kg	50	52.9	48.4	106	97	72-125	9	17	
n-Propylbenzene	ug/kg	50	54.5	48.0	109	96	73-131	13	18	
Naphthalene	ug/kg	50	46.9	47.7	94	95	54-147	2	23	
o-Xylene	ug/kg	50	50.0	47.5	100	95	70-125	5	16	
p-Isopropyltoluene	ug/kg	50	53.9	48.1	108	96	76-127	11	17	
sec-Butylbenzene	ug/kg	50	53.3	47.8	107	96	75-134	11	20	
Styrene	ug/kg	50	52.1	49.7	104	99	72-124	5	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE & LCSD:		81813	82261									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
tert-Amylmethyl ether	ug/kg	50	53.0	49.9	106	100	59-145	6	17			
tert-Butylbenzene	ug/kg	50	52.5	47.1	105	94	74-130	11	21			
Tetrachloroethene	ug/kg	50	54.1	49.4	108	99	57-131	9	22			
Toluene	ug/kg	50	51.4	49.0	103	98	68-130	5	17			
trans-1,2-Dichloroethene	ug/kg	50	60.8	55.1	122	110	71-146	10	21			
trans-1,3-Dichloropropene	ug/kg	50	53.0	50.4	106	101	61-128	5	15			
Trichloroethene	ug/kg	50	53.4	49.6	107	99	71-138	7	18			
Trichlorofluoromethane	ug/kg	50	54.7	50.2	109	100	50-160	9	25			
Vinyl chloride	ug/kg	50	56.9	55.4	114	111	48-141	3	29			
Xylene (Total)	ug/kg	150	148	138	99	92	68-126	7	15			
1,2-Dichloroethane-d4 (S)	%				99	97	67-136					
4-Bromofluorobenzene (S)	%				102	99	67-142					
Dibromofluoromethane (S)	%				101	98	72-129					
Toluene-d8 (S)	%				102	102	69-133					

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

QC Batch: MSV/5154 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258722032, 258722047, 258722051

METHOD BLANK: 82324 Matrix: Solid
Associated Lab Samples: 258722032, 258722047, 258722051

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/17/11 18:29	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/17/11 18:29	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/17/11 18:29	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/17/11 18:29	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/17/11 18:29	
1,1-Dichloroethane	ug/kg	ND	3.0	08/17/11 18:29	
1,1-Dichloroethene	ug/kg	ND	3.0	08/17/11 18:29	
1,1-Dichloropropene	ug/kg	ND	3.0	08/17/11 18:29	
1,2,3-Trichlorobenzene	ug/kg	0.63J	3.0	08/17/11 18:29	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/17/11 18:29	
1,2,4-Trichlorobenzene	ug/kg	0.58J	3.0	08/17/11 18:29	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/17/11 18:29	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/17/11 18:29	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/17/11 18:29	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/17/11 18:29	
1,2-Dichloroethane	ug/kg	ND	3.0	08/17/11 18:29	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/17/11 18:29	
1,2-Dichloropropane	ug/kg	ND	3.0	08/17/11 18:29	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/17/11 18:29	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/17/11 18:29	
1,3-Dichloropropane	ug/kg	ND	3.0	08/17/11 18:29	
1,4-Dichlorobenzene	ug/kg	0.35J	3.0	08/17/11 18:29	
2,2-Dichloropropane	ug/kg	ND	3.0	08/17/11 18:29	
2-Butanone (MEK)	ug/kg	ND	10.0	08/17/11 18:29	
2-Chlorotoluene	ug/kg	ND	3.0	08/17/11 18:29	
2-Hexanone	ug/kg	ND	10.0	08/17/11 18:29	
4-Chlorotoluene	ug/kg	ND	3.0	08/17/11 18:29	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/17/11 18:29	
Acetone	ug/kg	ND	10.0	08/17/11 18:29	
Benzene	ug/kg	ND	3.0	08/17/11 18:29	
Bromobenzene	ug/kg	ND	3.0	08/17/11 18:29	
Bromochloromethane	ug/kg	ND	3.0	08/17/11 18:29	
Bromodichloromethane	ug/kg	ND	3.0	08/17/11 18:29	
Bromoform	ug/kg	ND	3.0	08/17/11 18:29	
Bromomethane	ug/kg	ND	3.0	08/17/11 18:29	
Carbon disulfide	ug/kg	ND	3.0	08/17/11 18:29	
Carbon tetrachloride	ug/kg	ND	3.0	08/17/11 18:29	
Chlorobenzene	ug/kg	ND	3.0	08/17/11 18:29	
Chloroethane	ug/kg	ND	3.0	08/17/11 18:29	
Chloroform	ug/kg	ND	3.0	08/17/11 18:29	
Chloromethane	ug/kg	ND	3.0	08/17/11 18:29	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/17/11 18:29	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/17/11 18:29	

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 162 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

METHOD BLANK: 82324 Matrix: Solid

Associated Lab Samples: 258722032, 258722047, 258722051

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/17/11 18:29	
Dibromomethane	ug/kg	ND	3.0	08/17/11 18:29	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/17/11 18:29	
Ethylbenzene	ug/kg	ND	3.0	08/17/11 18:29	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/17/11 18:29	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/17/11 18:29	
m&p-Xylene	ug/kg	ND	6.0	08/17/11 18:29	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/17/11 18:29	
Methylene chloride	ug/kg	12.3	10.0	08/17/11 18:29	B+
n-Butylbenzene	ug/kg	ND	3.0	08/17/11 18:29	
n-Propylbenzene	ug/kg	ND	3.0	08/17/11 18:29	
Naphthalene	ug/kg	ND	3.0	08/17/11 18:29	
o-Xylene	ug/kg	ND	3.0	08/17/11 18:29	
p-Isopropyltoluene	ug/kg	ND	3.0	08/17/11 18:29	
sec-Butylbenzene	ug/kg	ND	3.0	08/17/11 18:29	
Styrene	ug/kg	ND	3.0	08/17/11 18:29	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/17/11 18:29	
tert-Butylbenzene	ug/kg	ND	3.0	08/17/11 18:29	
Tetrachloroethene	ug/kg	ND	3.0	08/17/11 18:29	
Toluene	ug/kg	ND	3.0	08/17/11 18:29	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/17/11 18:29	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/17/11 18:29	
Trichloroethene	ug/kg	ND	3.0	08/17/11 18:29	
Trichlorofluoromethane	ug/kg	ND	3.0	08/17/11 18:29	
Vinyl chloride	ug/kg	ND	3.0	08/17/11 18:29	
Xylene (Total)	ug/kg	ND	9.0	08/17/11 18:29	
1,2-Dichloroethane-d4 (S)	%	106	67-136	08/17/11 18:29	
4-Bromofluorobenzene (S)	%	108	67-142	08/17/11 18:29	
Dibromofluoromethane (S)	%	100	72-129	08/17/11 18:29	
Toluene-d8 (S)	%	101	69-133	08/17/11 18:29	

LABORATORY CONTROL SAMPLE: 82325

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	42.1	84	68-127	
1,1,1-Trichloroethane	ug/kg	50	46.1	92	69-139	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.1	96	63-137	
1,1,2-Trichloroethane	ug/kg	50	43.8	88	65-131	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	46.3	93	64-153	
1,1-Dichloroethane	ug/kg	50	46.2	92	69-133	
1,1-Dichloroethene	ug/kg	50	53.8	108	68-157	
1,1-Dichloropropene	ug/kg	50	42.6	85	68-140	
1,2,3-Trichlorobenzene	ug/kg	50	41.7	83	69-132	
1,2,3-Trichloropropane	ug/kg	50	46.6	93	71-124	
1,2,4-Trichlorobenzene	ug/kg	50	42.0	84	68-137	

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 163 of 181

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE: 82325

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	44.0	88	74-124	
1,2-Dibromo-3-chloropropane	ug/kg	50	51.1	102	52-133	
1,2-Dibromoethane (EDB)	ug/kg	50	44.5	89	66-129	
1,2-Dichlorobenzene	ug/kg	50	42.5	85	78-122	
1,2-Dichloroethane	ug/kg	50	46.2	92	67-131	
1,2-Dichloroethene (Total)	ug/kg	100	91.8	92	73-143	
1,2-Dichloropropane	ug/kg	50	44.7	89	67-133	
1,3,5-Trimethylbenzene	ug/kg	50	44.8	90	78-124	
1,3-Dichlorobenzene	ug/kg	50	43.0	86	79-122	
1,3-Dichloropropane	ug/kg	50	46.0	92	62-131	
1,4-Dichlorobenzene	ug/kg	50	42.5	85	77-119	
2,2-Dichloropropane	ug/kg	50	47.2	94	66-143	
2-Butanone (MEK)	ug/kg	100	87.2	87	44-160	
2-Chlorotoluene	ug/kg	50	46.5	93	75-123	
2-Hexanone	ug/kg	100	97.0	97	40-160	
4-Chlorotoluene	ug/kg	50	45.1	90	78-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	91.0	91	46-156	
Acetone	ug/kg	100	103	103	40-160	
Benzene	ug/kg	50	44.0	88	69-133	
Bromobenzene	ug/kg	50	43.0	86	81-122	
Bromochloromethane	ug/kg	50	41.1	82	77-132	
Bromodichloromethane	ug/kg	50	45.1	90	75-132	
Bromoform	ug/kg	50	43.1	86	58-128	
Bromomethane	ug/kg	50	64.8	130	46-160	
Carbon disulfide	ug/kg	50	60.8	122	56-143	
Carbon tetrachloride	ug/kg	50	45.1	90	65-146	
Chlorobenzene	ug/kg	50	42.4	85	76-123	
Chloroethane	ug/kg	50	51.9	104	51-146	
Chloroform	ug/kg	50	45.2	90	73-132	
Chloromethane	ug/kg	50	32.8	66	40-142	
cis-1,2-Dichloroethene	ug/kg	50	44.3	89	75-142	
cis-1,3-Dichloropropene	ug/kg	50	42.2	84	62-150	
Dibromochloromethane	ug/kg	50	45.8	92	70-126	
Dibromomethane	ug/kg	50	44.1	88	75-132	
Dichlorodifluoromethane	ug/kg	50	52.3	105	40-160	
Ethylbenzene	ug/kg	50	43.2	86	68-126	
Hexachloro-1,3-butadiene	ug/kg	50	39.1	78	65-144	
Isopropylbenzene (Cumene)	ug/kg	50	43.5	87	73-120	
m&p-Xylene	ug/kg	100	82.8	83	66-128	
Methyl-tert-butyl ether	ug/kg	50	33.9	68	67-134	
Methylene chloride	ug/kg	50	54.4	109	59-149	
n-Butylbenzene	ug/kg	50	44.6	89	72-125	
n-Propylbenzene	ug/kg	50	46.1	92	73-131	
Naphthalene	ug/kg	50	45.9	92	54-147	
o-Xylene	ug/kg	50	41.4	83	70-125	
p-Isopropyltoluene	ug/kg	50	42.0	84	76-127	
sec-Butylbenzene	ug/kg	50	44.4	89	75-134	
Styrene	ug/kg	50	43.3	87	72-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

LABORATORY CONTROL SAMPLE: 82325

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amylmethyl ether	ug/kg	50	27.8	56	59-145	2n
tert-Butylbenzene	ug/kg	50	42.9	86	74-130	
Tetrachloroethene	ug/kg	50	41.7	83	57-131	
Toluene	ug/kg	50	42.8	86	68-130	
trans-1,2-Dichloroethene	ug/kg	50	47.5	95	71-146	
trans-1,3-Dichloropropene	ug/kg	50	43.3	87	61-128	
Trichloroethene	ug/kg	50	42.7	85	71-138	
Trichlorofluoromethane	ug/kg	50	45.6	91	50-160	
Vinyl chloride	ug/kg	50	46.9	94	48-141	
Xylene (Total)	ug/kg	150	124	83	68-126	
1,2-Dichloroethane-d4 (S)	%			105	67-136	
4-Bromofluorobenzene (S)	%			105	67-142	
Dibromofluoromethane (S)	%			99	72-129	
Toluene-d8 (S)	%			100	69-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82414

82415

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		258883001 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1,2-Tetrachloroethane	ug/kg	ND	60.5	59	57.7	58.5	95	99	40-133	1	30
1,1,1-Trichloroethane	ug/kg	ND	60.5	59	59.3	61.9	98	105	40-148	4	30
1,1,2,2-Tetrachloroethane	ug/kg	ND	60.5	59	70.5	73.4	116	124	40-141	4	30
1,1,2-Trichloroethane	ug/kg	ND	60.5	59	61.0	63.7	101	108	40-136	4	30
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	60.5	59	56.7	59.3	94	100	40-153	4	30
1,1-Dichloroethane	ug/kg	ND	60.5	59	65.2	67.3	108	114	40-132	3	30
1,1-Dichloroethene	ug/kg	ND	60.5	59	71.6	71.3	118	121	40-155	.5	30
1,1-Dichloropropene	ug/kg	ND	60.5	59	55.1	56.0	91	95	40-130	2	30
1,2,3-Trichlorobenzene	ug/kg	ND	60.5	59	36.1	39.9	60	68	40-130	10	30
1,2,3-Trichloropropane	ug/kg	ND	60.5	59	66.7	70.3	110	119	40-158	5	30
1,2,4-Trichlorobenzene	ug/kg	ND	60.5	59	38.3	41.2	63	70	40-134	7	30
1,2,4-Trimethylbenzene	ug/kg	ND	60.5	59	56.5	57.1	93	97	40-133	1	30
1,2-Dibromo-3-chloropropane	ug/kg	ND	60.5	59	66.6	74.1	110	125	40-127	11	30
1,2-Dibromoethane (EDB)	ug/kg	ND	60.5	59	60.7	64.1	100	109	40-138	5	30
1,2-Dichlorobenzene	ug/kg	ND	60.5	59	55.7	57.9	89	95	40-136	4	30
1,2-Dichloroethane	ug/kg	ND	60.5	59	67.3	67.8	111	115	40-133	.7	30
1,2-Dichloroethene (Total)	ug/kg	ND	121	118	127	129	105	109	40-141	1	30
1,2-Dichloropropane	ug/kg	ND	60.5	59	65.3	66.9	108	113	40-131	2	30
1,3,5-Trimethylbenzene	ug/kg	ND	60.5	59	56.9	57.1	94	97	40-139	.3	30
1,3-Dichlorobenzene	ug/kg	ND	60.5	59	53.6	54.0	89	92	40-136	.8	30
1,3-Dichloropropane	ug/kg	ND	60.5	59	62.9	66.5	104	113	40-132	6	30
1,4-Dichlorobenzene	ug/kg	ND	60.5	59	53.6	54.0	89	91	40-134	.7	30
2,2-Dichloropropane	ug/kg	ND	60.5	59	65.0	66.0	107	112	40-153	2	30
2-Butanone (MEK)	ug/kg	ND	121	118	104	109	86	92	40-147	4	30
2-Chlorotoluene	ug/kg	ND	60.5	59	60.2	61.8	99	105	40-136	3	30
2-Hexanone	ug/kg	ND	121	118	124	138	102	117	40-151	10	30
4-Chlorotoluene	ug/kg	ND	60.5	59	58.8	58.6	97	99	40-139	.3	30
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	121	118	134	150	111	127	40-147	11	30

Date: 04/19/2012 09:51 AM

REPORT OF LABORATORY ANALYSIS

Page 165 of 181

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Project No.: 258722

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		82414		82415									
Parameter	Units	258883001 Result	MS	MSD	MS Result	MSD	MS % Rec	MSD	% Rec	Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.		MSD Result		MSD % Rec					
Acetone	ug/kg	ND	121	118	91.6	92.1	67	70	40-160	.6	30		
Benzene	ug/kg	ND	60.5	59	62.3	63.2	103	107	40-129	1	30		
Bromobenzene	ug/kg	ND	60.5	59	59.1	59.5	98	101	40-142	.7	30		
Bromochloromethane	ug/kg	ND	60.5	59	58.6	61.6	97	104	40-131	5	30		
Bromodichloromethane	ug/kg	ND	60.5	59	66.4	67.6	110	115	40-132	2	30		
Bromoform	ug/kg	ND	60.5	59	57.6	60.4	95	102	40-123	5	30		
Bromomethane	ug/kg	ND	60.5	59	88.1	90.1	146	153	40-160	2	30		
Carbon disulfide	ug/kg	ND	60.5	59	77.8	80.2	129	136	40-147	3	30		
Carbon tetrachloride	ug/kg	ND	60.5	59	54.2	57.6	90	98	40-139	6	30		
Chlorobenzene	ug/kg	ND	60.5	59	55.7	56.6	92	96	40-128	2	30		
Chloroethane	ug/kg	ND	60.5	59	70.1	71.5	116	121	40-160	2	30		
Chloroform	ug/kg	ND	60.5	59	65.4	65.8	108	111	40-142	.5	30		
Chloromethane	ug/kg	ND	60.5	59	43.3	49.2	72	83	40-150	13	30		
cis-1,2-Dichloroethene	ug/kg	ND	60.5	59	63.0	64.0	104	108	40-138	1	30		
cis-1,3-Dichloropropene	ug/kg	ND	60.5	59	60.2	62.9	100	107	40-130	4	30		
Dibromochloromethane	ug/kg	ND	60.5	59	61.9	63.0	102	107	40-127	2	30		
Dibromomethane	ug/kg	ND	60.5	59	63.7	65.7	105	111	40-126	3	30		
Dichlorodifluoromethane	ug/kg	ND	60.5	59	64.6	67.5	107	114	40-156	4	30		
Ethylbenzene	ug/kg	ND	60.5	59	55.5	56.5	92	96	40-134	2	30		
Hexachloro-1,3-butadiene	ug/kg	ND	60.5	59	25.3	27.7	42	47	40-144	9	30		
Isopropylbenzene (Cumene)	ug/kg	ND	60.5	59	52.4	53.6	87	91	40-129	2	30		
m&p-Xylene	ug/kg		121	118	105	107	87	91	40-128	2	30		
Methyl-tert-butyl ether	ug/kg	ND	60.5	59	51.6	59.9	85	101	40-149	15	30		
Methylene chloride	ug/kg	ND	60.5	59	74.1	77.6	104	112	40-136	5	30		
n-Butylbenzene	ug/kg	ND	60.5	59	45.3	46.9	75	79	40-133	3	30		
n-Propylbenzene	ug/kg	ND	60.5	59	57.3	58.1	95	98	40-139	2	30		
Naphthalene	ug/kg	ND	60.5	59	45.9	51.5	76	87	40-134	11	30		
o-Xylene	ug/kg		60.5	59	55.3	55.7	91	94	40-126	.7	30		
p-Isopropyltoluene	ug/kg	ND	60.5	59	47.2	48.6	78	82	40-137	3	30		
sec-Butylbenzene	ug/kg	ND	60.5	59	49.1	50.6	81	86	40-138	3	30		
Styrene	ug/kg	ND	60.5	59	56.4	57.8	93	98	40-124	2	30		
tert-Amylmethyl ether	ug/kg	ND	60.5	59	42.4	52.1	70	88	40-149	20	30		
tert-Butylbenzene	ug/kg	ND	60.5	59	52.4	53.7	87	91	40-151	3	30		
Tetrachloroethene	ug/kg	ND	60.5	59	50.6	52.7	83	89	40-142	4	30		
Toluene	ug/kg	ND	60.5	59	56.9	58.1	94	98	40-134	2	30		
trans-1,2-Dichloroethene	ug/kg	ND	60.5	59	63.9	64.6	106	109	40-143	1	30		
trans-1,3-Dichloropropene	ug/kg	ND	60.5	59	59.4	62.4	98	106	40-134	5	30		
Trichloroethene	ug/kg	ND	60.5	59	57.7	58.2	95	99	40-138	.9	30		
Trichlorofluoromethane	ug/kg	ND	60.5	59	57.2	59.0	94	100	40-160	3	30		
Vinyl chloride	ug/kg	ND	60.5	59	60.6	62.9	100	107	40-145	4	30		
Xylene (Total)	ug/kg	ND	181	177	160	163	88	92	40-129	2	30		
1,2-Dichloroethane-d4 (S)	%						111	113	67-136				
4-Bromofluorobenzene (S)	%						112	112	67-142				
Dibromofluoromethane (S)	%						106	108	72-129				
Toluene-d8 (S)	%						99	99	69-133				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: OEXT/4177 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
 Associated Lab Samples: 258722001, 258722002, 258722003, 258722004, 258722005, 258722006, 258722007, 258722008, 258722009, 258722011, 258722012, 258722013, 258722014, 258722015, 258722016, 258722017, 258722018

METHOD BLANK: 81153 Matrix: Solid
 Associated Lab Samples: 258722001, 258722002, 258722003, 258722004, 258722005, 258722006, 258722007, 258722008, 258722009, 258722011, 258722012, 258722013, 258722014, 258722015, 258722016, 258722017, 258722018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	08/08/11 20:40	
Motor Oil Range SG	mg/kg	ND	64.0	08/08/11 20:40	
n-Octacosane (S) SG	%	94	50-150	08/08/11 20:40	
o-Terphenyl (S) SG	%	91	50-150	08/08/11 20:40	

LABORATORY CONTROL SAMPLE: 81154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	500	412	82	56-124	
Motor Oil Range SG	mg/kg	500	449	90	50-150	
n-Octacosane (S) SG	%			93	50-150	
o-Terphenyl (S) SG	%			86	50-150	

SAMPLE DUPLICATE: 81155

Parameter	Units	258703009 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND		50	
Motor Oil Range SG	mg/kg	ND	ND		50	
n-Octacosane (S) SG	%	95	96	2		
o-Terphenyl (S) SG	%	90	93	5		

SAMPLE DUPLICATE: 81156

Parameter	Units	258722014 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND		50	
Motor Oil Range SG	mg/kg	ND	ND		50	
n-Octacosane (S) SG	%	101	98	2		
o-Terphenyl (S) SG	%	95	94	.6		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: OEXT/4188 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
 Associated Lab Samples: 258722019, 258722020, 258722021, 258722022, 258722023, 258722024, 258722025, 258722026, 258722027, 258722028, 258722030, 258722031, 258722032, 258722033, 258722034, 258722035, 258722036, 258722037, 258722038, 258722039

METHOD BLANK: 81439 Matrix: Solid
 Associated Lab Samples: 258722019, 258722020, 258722021, 258722022, 258722023, 258722024, 258722025, 258722026, 258722027, 258722028, 258722030, 258722031, 258722032, 258722033, 258722034, 258722035, 258722036, 258722037, 258722038, 258722039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	08/15/11 18:19	
Motor Oil Range SG	mg/kg	ND	64.0	08/15/11 18:19	
n-Octacosane (S) SG	%	105	50-150	08/15/11 18:19	
o-Terphenyl (S) SG	%	90	50-150	08/15/11 18:19	

LABORATORY CONTROL SAMPLE: 81440

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	500	493	99	56-124	
Motor Oil Range SG	mg/kg	500	522	104	50-150	
n-Octacosane (S) SG	%			103	50-150	
o-Terphenyl (S) SG	%			104	50-150	

SAMPLE DUPLICATE: 81441

Parameter	Units	258722021 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	2540	2720	7	50	
Motor Oil Range SG	mg/kg	2740	2870	5	50	
n-Octacosane (S) SG	%	142	145	2		
o-Terphenyl (S) SG	%	114	113	5		

SAMPLE DUPLICATE: 81442

Parameter	Units	258722031 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	36.7	37.1	.9	50	
Motor Oil Range SG	mg/kg	86.2	85.3	1	50	
n-Octacosane (S) SG	%	112	112	2		
o-Terphenyl (S) SG	%	97	96	3		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258722

QC Batch: OEXT/4189 Analysis Method: NWTPH-Dx
QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
Associated Lab Samples: 258722040, 258722041, 258722042, 258722043, 258722044, 258722046, 258722047, 258722048, 258722049, 258722050, 258722051

METHOD BLANK: 81443 Matrix: Solid
Associated Lab Samples: 258722040, 258722041, 258722042, 258722043, 258722044, 258722046, 258722047, 258722048, 258722049, 258722050, 258722051

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	08/16/11 17:11	
Motor Oil Range SG	mg/kg	ND	64.0	08/16/11 17:11	
n-Octacosane (S) SG	%	108	50-150	08/16/11 17:11	
o-Terphenyl (S) SG	%	93	50-150	08/16/11 17:11	

LABORATORY CONTROL SAMPLE: 81444

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	500	454	91	56-124	
Motor Oil Range SG	mg/kg	500	475	95	50-150	
n-Octacosane (S) SG	%			105	50-150	
o-Terphenyl (S) SG	%			104	50-150	

SAMPLE DUPLICATE: 81445

Parameter	Units	258722040 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	46.6	37.8	21	50	
Motor Oil Range SG	mg/kg	91.0	99.9	9	50	
n-Octacosane (S) SG	%	106	103	1		
o-Terphenyl (S) SG	%	90	89	1		

SAMPLE DUPLICATE: 81446

Parameter	Units	258739006 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	17.1J	16.7J		50	
Motor Oil Range SG	mg/kg	69.3J	70.7J		50	
n-Octacosane (S) SG	%	104	106	2		
o-Terphenyl (S) SG	%	90	92	3		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: PMST/1780

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 258722001, 258722002, 258722003, 258722004, 258722005

SAMPLE DUPLICATE: 81010

Parameter	Units	258626013 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.2	12.4	1	30	

SAMPLE DUPLICATE: 81011

Parameter	Units	258722001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.5	10.1	4	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: PMST/1781 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 258722006, 258722007, 258722008, 258722009, 258722011, 258722012, 258722013, 258722014, 258722015,
258722016, 258722017, 258722018, 258722019, 258722020, 258722021, 258722022, 258722023, 258722024,
258722025, 258722026

SAMPLE DUPLICATE: 81016

Parameter	Units	258722013 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.2	4.0	3	30	

SAMPLE DUPLICATE: 81017

Parameter	Units	258722023 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.3	6.4	13	30	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: PMST/1782 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 258722027, 258722028, 258722030, 258722031, 258722032, 258722033, 258722034, 258722035, 258722036,
 258722037, 258722038, 258722039, 258722040, 258722041, 258722042

SAMPLE DUPLICATE: 81190

Parameter	Units	258758001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	DETECT	8.3	4	30	

SAMPLE DUPLICATE: 81191

Parameter	Units	258722041 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.2	12.7	4	30	



QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258722

QC Batch: PMST/1783

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 258722043, 258722044, 258722046, 258722047, 258722048, 258722049, 258722050, 258722051

SAMPLE DUPLICATE: 81192

Parameter	Units	258722043 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.5	11.0	4	30	

SAMPLE DUPLICATE: 81193

Parameter	Units	258739007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.4	15.8	2	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 258722

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/5055

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: ICP/2295

[1] All samples diluted due to the presence of high levels of non-target analytes or other matrix interferences

Batch: MSV/5101

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5103

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5111

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5112

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5118

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: ICP/2304

[1] Samples diluted due to the presence of high levels of non-target analytes or other matrix interference.

ANALYTE QUALIFIERS

1n Acetone is a potential false positive result due to VOA vial contamination. This contamination was traced to the supplier of these VOA vials.

2n Laboratory control sample was outside of QC limits. Batch accepted based on matrix spike (MS) recovery

QUALIFIERS

Project: Superlon

Pace Project No.: 258722

ANALYTE QUALIFIERS

- B Analyte was detected in the associated method blank.
- B+
- CH The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
- M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.
- S2 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
- S4 Surrogate recovery not evaluated against control limits due to sample dilution.
- S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 258722

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258722001	SUP_SL_51 0-1	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722002	SUP_SL_51 1-2	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722003	SUP_SL_51 2-4	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722004	SUP_SL_51 4-6	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722005	SUP_SL_51 6-8	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722006	SUP_SL_51 8-10	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722007	SUP_SL_51 10-12	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722008	SUP_SL_51 12-14	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722009	SUP_SL_51 14-16	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722011	SUP_SL_53 0-1	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722012	SUP_SL_53 1-2	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722013	SUP_SL_53 2-4	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722014	SUP_SL_53 4-6	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722015	SUP_SL_53 6-8	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722016	SUP_SL_53 8-10	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722017	SUP_SL_53 10-12	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722018	SUP_SL_53 12-14	EPA 3546	OEXT/4177	NWTPH-Dx	GCSV/2787
258722019	SUP_SL_53 14-16	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722020	SUP_SL_55 0-1	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722021	SUP_SL_55 1-2	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722022	SUP_SL_55 2-4	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722023	SUP_SL_55 4-6	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722024	SUP_SL_55 6-8	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722025	SUP_SL_55 8-10	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722026	SUP_SL_55 10-12	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722027	SUP_SL_55 12-14	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722028	SUP_SL_55 14-16	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722030	SUP_SL_57 0-1	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722031	SUP_SL_57 1-2	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722032	SUP_SL_57 2-4	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722033	SUP_SL_57 4-6	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722034	SUP_SL_57 6-8	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722035	SUP_SL_57 8-10	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722036	SUP_SL_57 10-12	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722037	SUP_SL_57 12-14	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722038	SUP_SL_57 14-16	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722039	SUP_SL_58 0-1	EPA 3546	OEXT/4188	NWTPH-Dx	GCSV/2793
258722040	SUP_SL_58 1-2	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722041	SUP_SL_58 2-4	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722042	SUP_SL_58 4-6	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722043	SUP_SL_58 6-8	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722044	SUP_SL_58 14-16	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722046	SUP_SL_59 0-1	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722047	SUP_SL_59 1-2	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722048	SUP_SL_59 2-4	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722049	SUP_SL_59 6-8	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722050	SUP_SL_59 10-12	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258722051	SUP_SL_59 14-16	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258722001	SUP_SL_51 0-1	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722002	SUP_SL_51 1-2	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722003	SUP_SL_51 2-4	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722004	SUP_SL_51 4-6	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722005	SUP_SL_51 6-8	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722006	SUP_SL_51 8-10	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722007	SUP_SL_51 10-12	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722008	SUP_SL_51 12-14	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722009	SUP_SL_51 14-16	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722010	Trip Blank #11	NWTPH-Gx	GCV/2372	NWTPH-Gx	GCV/2376
258722011	SUP_SL_53 0-1	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722012	SUP_SL_53 1-2	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722013	SUP_SL_53 2-4	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722014	SUP_SL_53 4-6	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722015	SUP_SL_53 6-8	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722016	SUP_SL_53 8-10	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722017	SUP_SL_53 10-12	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722018	SUP_SL_53 12-14	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722019	SUP_SL_53 14-16	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722020	SUP_SL_55 0-1	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722021	SUP_SL_55 1-2	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722022	SUP_SL_55 2-4	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722023	SUP_SL_55 4-6	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722024	SUP_SL_55 6-8	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722025	SUP_SL_55 8-10	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722026	SUP_SL_55 10-12	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722027	SUP_SL_55 12-14	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722028	SUP_SL_55 14-16	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722029	Trip Blank #6	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722030	SUP_SL_57 0-1	NWTPH-Gx	GCV/2374	NWTPH-Gx	GCV/2394
258722031	SUP_SL_57 1-2	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722032	SUP_SL_57 2-4	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722033	SUP_SL_57 4-6	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722034	SUP_SL_57 6-8	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722035	SUP_SL_57 8-10	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722036	SUP_SL_57 10-12	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722037	SUP_SL_57 12-14	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722038	SUP_SL_57 14-16	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722039	SUP_SL_58 0-1	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722040	SUP_SL_58 1-2	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722041	SUP_SL_58 2-4	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722042	SUP_SL_58 4-6	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722043	SUP_SL_58 6-8	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722044	SUP_SL_58 14-16	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722045	Trip Blank #12	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722046	SUP_SL_59 0-1	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722047	SUP_SL_59 1-2	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258722048	SUP_SL_59 2-4	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722049	SUP_SL_59 6-8	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722050	SUP_SL_59 10-12	NWTPH-Gx	GCV/2375	NWTPH-Gx	GCV/2395
258722051	SUP_SL_59 14-16	NWTPH-Gx	GCV/2381	NWTPH-Gx	GCV/2383
258722052	Trip Blank #13	NWTPH-Gx	GCV/2381	NWTPH-Gx	GCV/2383
258722001	SUP_SL_51 0-1	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722002	SUP_SL_51 1-2	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722003	SUP_SL_51 2-4	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722004	SUP_SL_51 4-6	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722005	SUP_SL_51 6-8	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722006	SUP_SL_51 8-10	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722007	SUP_SL_51 10-12	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722008	SUP_SL_51 12-14	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722009	SUP_SL_51 14-16	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722011	SUP_SL_53 0-1	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722012	SUP_SL_53 1-2	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722013	SUP_SL_53 2-4	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722014	SUP_SL_53 4-6	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722015	SUP_SL_53 6-8	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722016	SUP_SL_53 8-10	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722017	SUP_SL_53 10-12	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722018	SUP_SL_53 12-14	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722019	SUP_SL_53 14-16	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722020	SUP_SL_55 0-1	EPA 3050	MPRP/2390	EPA 6010	ICP/2302
258722021	SUP_SL_55 1-2	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722022	SUP_SL_55 2-4	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722023	SUP_SL_55 4-6	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722024	SUP_SL_55 6-8	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722025	SUP_SL_55 8-10	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722026	SUP_SL_55 10-12	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722027	SUP_SL_55 12-14	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722028	SUP_SL_55 14-16	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722030	SUP_SL_57 0-1	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722031	SUP_SL_57 1-2	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722032	SUP_SL_57 2-4	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722033	SUP_SL_57 4-6	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722034	SUP_SL_57 6-8	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722035	SUP_SL_57 8-10	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722036	SUP_SL_57 10-12	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722037	SUP_SL_57 12-14	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722038	SUP_SL_57 14-16	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722039	SUP_SL_58 0-1	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722040	SUP_SL_58 1-2	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722041	SUP_SL_58 2-4	EPA 3050	MPRP/2391	EPA 6010	ICP/2304
258722042	SUP_SL_58 4-6	EPA 3050	MPRP/2401	EPA 6010	ICP/2295
258722043	SUP_SL_58 6-8	EPA 3050	MPRP/2401	EPA 6010	ICP/2295
258722044	SUP_SL_58 14-16	EPA 3050	MPRP/2401	EPA 6010	ICP/2295

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258722046	SUP_SL_59 0-1	EPA 3050	MPRP/2401	EPA 6010	ICP/2295
258722047	SUP_SL_59 1-2	EPA 3050	MPRP/2401	EPA 6010	ICP/2295
258722048	SUP_SL_59 2-4	EPA 3050	MPRP/2401	EPA 6010	ICP/2295
258722049	SUP_SL_59 6-8	EPA 3050	MPRP/2401	EPA 6010	ICP/2295
258722050	SUP_SL_59 10-12	EPA 3050	MPRP/2401	EPA 6010	ICP/2295
258722051	SUP_SL_59 14-16	EPA 3050	MPRP/2401	EPA 6010	ICP/2295
258722012	SUP_SL_53 1-2	EPA 5035A/5030B	MSV/5138	EPA 8260	MSV/5142
258722020	SUP_SL_55 0-1	EPA 5035A/5030B	MSV/5138	EPA 8260	MSV/5142
258722001	SUP_SL_51 0-1	EPA 8260	MSV/5055		
258722002	SUP_SL_51 1-2	EPA 8260	MSV/5103		
258722003	SUP_SL_51 2-4	EPA 8260	MSV/5103		
258722004	SUP_SL_51 4-6	EPA 8260	MSV/5103		
258722005	SUP_SL_51 6-8	EPA 8260	MSV/5103		
258722006	SUP_SL_51 8-10	EPA 8260	MSV/5103		
258722007	SUP_SL_51 10-12	EPA 8260	MSV/5103		
258722008	SUP_SL_51 12-14	EPA 8260	MSV/5103		
258722009	SUP_SL_51 14-16	EPA 8260	MSV/5103		
258722010	Trip Blank #11	EPA 8260	MSV/5103		
258722011	SUP_SL_53 0-1	EPA 8260	MSV/5055		
258722012	SUP_SL_53 1-2	EPA 8260	MSV/5103		
258722013	SUP_SL_53 2-4	EPA 8260	MSV/5111		
258722014	SUP_SL_53 4-6	EPA 8260	MSV/5111		
258722015	SUP_SL_53 6-8	EPA 8260	MSV/5111		
258722016	SUP_SL_53 8-10	EPA 8260	MSV/5111		
258722017	SUP_SL_53 10-12	EPA 8260	MSV/5111		
258722018	SUP_SL_53 12-14	EPA 8260	MSV/5101		
258722019	SUP_SL_53 14-16	EPA 8260	MSV/5111		
258722020	SUP_SL_55 0-1	EPA 8260	MSV/5101		
258722021	SUP_SL_55 1-2	EPA 8260	MSV/5101		
258722022	SUP_SL_55 2-4	EPA 8260	MSV/5111		
258722023	SUP_SL_55 4-6	EPA 8260	MSV/5101		
258722024	SUP_SL_55 6-8	EPA 8260	MSV/5101		
258722025	SUP_SL_55 8-10	EPA 8260	MSV/5111		
258722026	SUP_SL_55 10-12	EPA 8260	MSV/5111		
258722027	SUP_SL_55 12-14	EPA 8260	MSV/5111		
258722028	SUP_SL_55 14-16	EPA 8260	MSV/5111		
258722029	Trip Blank #6	EPA 8260	MSV/5101		
258722030	SUP_SL_57 0-1	EPA 8260	MSV/5111		
258722031	SUP_SL_57 1-2	EPA 8260	MSV/5111		
258722032	SUP_SL_57 2-4	EPA 8260	MSV/5154		
258722033	SUP_SL_57 4-6	EPA 8260	MSV/5111		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258722034	SUP_SL_57 6-8	EPA 8260	MSV/5112		
258722035	SUP_SL_57 8-10	EPA 8260	MSV/5112		
258722036	SUP_SL_57 10-12	EPA 8260	MSV/5112		
258722037	SUP_SL_57 12-14	EPA 8260	MSV/5112		
258722038	SUP_SL_57 14-16	EPA 8260	MSV/5112		
258722039	SUP_SL_58 0-1	EPA 8260	MSV/5112		
258722040	SUP_SL_58 1-2	EPA 8260	MSV/5112		
258722041	SUP_SL_58 2-4	EPA 8260	MSV/5112		
258722042	SUP_SL_58 4-6	EPA 8260	MSV/5112		
258722043	SUP_SL_58 6-8	EPA 8260	MSV/5112		
258722044	SUP_SL_58 14-16	EPA 8260	MSV/5112		
258722045	Trip Blank #12	EPA 8260	MSV/5112		
258722046	SUP_SL_59 0-1	EPA 8260	MSV/5118		
258722047	SUP_SL_59 1-2	EPA 8260	MSV/5154		
258722048	SUP_SL_59 2-4	EPA 8260	MSV/5118		
258722049	SUP_SL_59 6-8	EPA 8260	MSV/5118		
258722050	SUP_SL_59 10-12	EPA 8260	MSV/5118		
258722051	SUP_SL_59 14-16	EPA 8260	MSV/5154		
258722052	Trip Blank #13	EPA 8260	MSV/5118		
258722001	SUP_SL_51 0-1	ASTM D2974-87	PMST/1780		
258722002	SUP_SL_51 1-2	ASTM D2974-87	PMST/1780		
258722003	SUP_SL_51 2-4	ASTM D2974-87	PMST/1780		
258722004	SUP_SL_51 4-6	ASTM D2974-87	PMST/1780		
258722005	SUP_SL_51 6-8	ASTM D2974-87	PMST/1780		
258722006	SUP_SL_51 8-10	ASTM D2974-87	PMST/1781		
258722007	SUP_SL_51 10-12	ASTM D2974-87	PMST/1781		
258722008	SUP_SL_51 12-14	ASTM D2974-87	PMST/1781		
258722009	SUP_SL_51 14-16	ASTM D2974-87	PMST/1781		
258722011	SUP_SL_53 0-1	ASTM D2974-87	PMST/1781		
258722012	SUP_SL_53 1-2	ASTM D2974-87	PMST/1781		
258722013	SUP_SL_53 2-4	ASTM D2974-87	PMST/1781		
258722014	SUP_SL_53 4-6	ASTM D2974-87	PMST/1781		
258722015	SUP_SL_53 6-8	ASTM D2974-87	PMST/1781		
258722016	SUP_SL_53 8-10	ASTM D2974-87	PMST/1781		
258722017	SUP_SL_53 10-12	ASTM D2974-87	PMST/1781		
258722018	SUP_SL_53 12-14	ASTM D2974-87	PMST/1781		
258722019	SUP_SL_53 14-16	ASTM D2974-87	PMST/1781		
258722020	SUP_SL_55 0-1	ASTM D2974-87	PMST/1781		
258722021	SUP_SL_55 1-2	ASTM D2974-87	PMST/1781		
258722022	SUP_SL_55 2-4	ASTM D2974-87	PMST/1781		
258722023	SUP_SL_55 4-6	ASTM D2974-87	PMST/1781		
258722024	SUP_SL_55 6-8	ASTM D2974-87	PMST/1781		
258722025	SUP_SL_55 8-10	ASTM D2974-87	PMST/1781		
258722026	SUP_SL_55 10-12	ASTM D2974-87	PMST/1781		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258722

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258722027	SUP_SL_55 12-14	ASTM D2974-87	PMST/1782		
258722028	SUP_SL_55 14-16	ASTM D2974-87	PMST/1782		
258722030	SUP_SL_57 0-1	ASTM D2974-87	PMST/1782		
258722031	SUP_SL_57 1-2	ASTM D2974-87	PMST/1782		
258722032	SUP_SL_57 2-4	ASTM D2974-87	PMST/1782		
258722033	SUP_SL_57 4-6	ASTM D2974-87	PMST/1782		
258722034	SUP_SL_57 6-8	ASTM D2974-87	PMST/1782		
258722035	SUP_SL_57 8-10	ASTM D2974-87	PMST/1782		
258722036	SUP_SL_57 10-12	ASTM D2974-87	PMST/1782		
258722037	SUP_SL_57 12-14	ASTM D2974-87	PMST/1782		
258722038	SUP_SL_57 14-16	ASTM D2974-87	PMST/1782		
258722039	SUP_SL_58 0-1	ASTM D2974-87	PMST/1782		
258722040	SUP_SL_58 1-2	ASTM D2974-87	PMST/1782		
258722041	SUP_SL_58 2-4	ASTM D2974-87	PMST/1782		
258722042	SUP_SL_58 4-6	ASTM D2974-87	PMST/1782		
258722043	SUP_SL_58 6-8	ASTM D2974-87	PMST/1783		
258722044	SUP_SL_58 14-16	ASTM D2974-87	PMST/1783		
258722046	SUP_SL_59 0-1	ASTM D2974-87	PMST/1783		
258722047	SUP_SL_59 1-2	ASTM D2974-87	PMST/1783		
258722048	SUP_SL_59 2-4	ASTM D2974-87	PMST/1783		
258722049	SUP_SL_59 6-8	ASTM D2974-87	PMST/1783		
258722050	SUP_SL_59 10-12	ASTM D2974-87	PMST/1783		
258722051	SUP_SL_59 14-16	ASTM D2974-87	PMST/1783		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258739
Sample Date(s): August 4, 2011

This review summarizes the data quality of analytical results generated in support of the August 4, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258739.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258739



Delivery Group Summary

Thirty-three soil samples, one soil field duplicate, and three soil trip blanks were collected by Pacific Environmental Redevelopment Corporation on August 4, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for metals (arsenic, lead, and cadmium), semivolatile organic compounds (pentachlorophenol only), gasoline range organics, diesel range organics, and volatile organic compounds (VOCs) by methods 6010, 8270, NWTPH-Gx, NWTPH-Dx, and 8260, respectively.

The key data evaluation findings include the following:

- Metal results by method 6010 have 33.3% of the results qualified.
- Pentachlorophenol results by method 8270 are of acceptable quality. None of the results were qualified.
- VOC results by method 8260 have 8.9% of the results qualified.
- Diesel range organic results by method NWTPH-Dx are of acceptable quality. None of the results were qualified.
- Gasoline range organic results by method NWTPH-Gx have 100% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 33 Samples (1 Duplicate)	Groundwater= 0 Samples	Trip Blank (Soil)= 3 Samples	Trip Blank (Groundwater)= 0 Samples
6010 Metals (As, Pb, Cd) NWTPH-Dx NWTPH-Gx 8270 Pentachlorophenol Only 8260 VOCs		8260 VOCs NWTPH-Gx	

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.

Action: No action was taken based on the evaluation of holding times.

Representativeness



Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes/ Methods Associated with Surrogate	Comment
SUP_SL_52 1-2	258739006	Dibromofluoromethane	14	72-129	Low	Volatile Surrogate	8260 VOCs	Qualified based on criteria 2b and 2c.
SUP_SL_56 1-2	258739030	n-Octacosane	0	50-150	Low	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recover not evaluated against control limits due to sample dilution. Results were not qualified.
		o-Terphenyl	0	50-150	Low	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recover not evaluated against control limits due to sample dilution. Results were not qualified.
SUP_SL_56 2-4	258739031	n-Octacosane	0	50-150	Low	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recover not evaluated against control limits due to sample dilution.



								Results were not qualified.
		o-Terphenyl	0	50-150	Low	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recover not evaluated against control limits due to sample dilution. Results were not qualified.
		4-Bromofluorobenzene	169	67-142	High	Volatile Surrogate	8260 VOCs	Qualified based on criteria 1b and 1c.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via three coolers with trip blanks.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit	
258739003	Trip Blank	SUP_SL_49 8-10	258739001	Methylene chloride	4.1 J	ug/kg	
		SUP_SL_49 10-12	258739002	Toluene	0.46 J	ug/kg	
		SUP_SL_50 8-10	258739004				
		SUP_SL_50 10-12	258739005				
258739014	Trip Blank	SUP_SL_52 1-2	258739006	Gasoline Range Organics	0.55 J	mg/kg	
		SUP_SL_52 2-4	258739007	Acetone	2.8 J	ug/kg	
		SUP_SL_52 4-6	258739008	Benzene	0.15 J	ug/kg	
		SUP_SL_52 6-8	258739009	Carbon disulfide	1.3 J	ug/kg	
		SUP_SL_52 8-10	258739010	Methylene chloride	5.5 J	ug/kg	
		SUP_SL_52 10-12	258739011	Toluene	0.51 J	ug/kg	
		SUP_SL_52 12-14	258739012	Xylene (Total)	0.79 J	ug/kg	
		SUP_SL_52 14-16	258739013				
		SUP_SL_54 0-1	258739017				
		SUP_SL_54 1-2	258739018				
		SUP_SL_54 2-4	258739019				
		SUP_SL_54 4-6	258739020				
		SUP_SL_54 6-8	258739021				
		SUP_SL_54 8-10	258739022				
		SUP_SL_54 10-12	258739023				
SUP_SL_54 12-14	258739024						
SUP_SL_54 14-16	258739025						
258739026	Trip Blank	SUP_SL_59 8-10	258739015	Gasoline Range Organics	0.59 J	mg/kg	
		SUP_SL_59 10-12	258739016	2-Butanone (MEK)	5.0 J	ug/kg	
		SUP_SL_58 8-10	258739027	Acetone	4.2 J	ug/kg	
		SUP_SL_58 10-12	258739028	Benzene	0.59 J	ug/kg	
		SUP_SL_56 0-1	258739029	Carbon disulfide	1.6 J	ug/kg	
		SUP_SL_56 1-2	258739030	Methylene chloride	5.8 J	ug/kg	
		SUP_SL_56 2-4	258739031	Toluene	1.5 J	ug/kg	
		SUP_SL_56 4-6	258739032	Xylene (Total)	1.2 J	ug/kg	



		SUP_SL_56 6-8 SUP_SL_56 8-10 SUP_SL_56 10-12 SUP_SL_56 12-14 SUP_SL_56 14-16 SUP_SL_56 DUP	258739033 258739034 258739035 258739036 258739037 258739038	m&p-Xylene	1.0 J	ug/kg
81786	Method Blank	SUP_SL_52 1-2 SUP_SL_52 2-4 SUP_SL_52 4-6 SUP_SL_52 6-8 SUP_SL_52 8-10 SUP_SL_52 10-12 SUP_SL_52 12-14 SUP_SL_52 14-16 SUP_SL_59 8-10 SUP_SL_59 10-12 SUP_SL_54 0-1 SUP_SL_54 1-2 SUP_SL_54 2-4 SUP_SL_54 4-6 SUP_SL_54 6-8 SUP_SL_54 8-10 SUP_SL_54 10-12 SUP_SL_54 12-14 SUP_SL_54 14-16	258739006 258739007 258739008 258739009 258739010 258739011 258739012 258739013 258739015 258739016 258739017 258739018 258739019 258739020 258739021 258739022 258739023 258739024 258739025	Gasoline Range Organics	0.89 J	mg/kg
81958	Method Blank	SUP_SL_58 8-10 SUP_SL_56 0-1 SUP_SL_56 1-2 SUP_SL_56 2-4 SUP_SL_56 4-6 SUP_SL_56 6-8 SUP_SL_56 8-10 SUP_SL_56 10-12 SUP_SL_56 12-14 SUP_SL_56 14-16 SUP_SL_56 DUP	258739027 258739029 258739030 258739031 258739032 258739033 258739034 258739035 258739036 258739037 258739038	Gasoline Range Organics	0.70 J	mg/kg
81865	Method Blank	SUP_SL_54 10-12 SUP_SL_54 12-14 SUP_SL_54 14-16 SUP_SL_58 8-10 SUP_SL_58 10-12 SUP_SL_56 0-1 SUP_SL_56 1-2 SUP_SL_56 2-4 SUP_SL_56 4-6 SUP_SL_56 6-8 SUP_SL_56 8-10 SUP_SL_56 10-12 SUP_SL_56 12-14 SUP_SL_56 14-16 SUP_SL_56 DUP	258739023 258739024 258739025 258739027 258739028 258739029 258739030 258739031 258739032 258739033 258739034 258739035 258739036 258739037 258739038	Lead	0.084 J	mg/kg
81812	Method Blank	SUP_SL_49 8-10 SUP_SL_49 10-12	258739001 258739002	Carbon disulfide	0.34 J	ug/kg
				Methylene chloride	5.0 J	ug/kg



		SUP_SL_50 8-10	258739004	n-Propylbenzene	0.73 J	ug/kg
		SUP_SL_50 10-12	258739005	Xylene (Total)	0.92 J	ug/kg
		SUP_SL_52 4-6	258739008			
		SUP_SL_52 6-8	258739009			
		SUP_SL_52 8-10	258739010			
		SUP_SL_52 10-12	258739011			
		SUP_SL_52 12-14	258739012			
		SUP_SL_52 14-16	258739013			
81871	Method Blank	SUP_SL_59 8-10	258739015	1,2,3-Trichlorobenzene	0.50 J	ug/kg
		SUP_SL_59 10-12	258739016	1,2,4-Trichlorobenzene	0.42 J	ug/kg
		SUP_SL_54 0-1	258739017	1,4-Dichlorobenzene	0.24 J	ug/kg
		SUP_SL_54 2-4	258739019	2-Hexanone	4.1 J	ug/kg
		SUP_SL_54 4-6	258739020	Benzene	0.16 J	ug/kg
		SUP_SL_54 6-8	258739021	Carbon disulfide	2.4 J	ug/kg
		SUP_SL_54 8-10	258739022	Xylene (Total)	0.79 J	ug/kg
		SUP_SL_54 10-12	258739023			
		SUP_SL_54 12-14	258739024			
		SUP_SL_54 14-16	258739025			
		SUP_SL_58 8-10	258739027			
81952	Method Blank	SUP_SL_58 10-12	258739028	1,2,3-Trichlorobenzene	0.46 J	ug/kg
		SUP_SL_56 0-1	258739029	1,2,4-Trichlorobenzene	0.38 J	ug/kg
		SUP_SL_56 2-4	258739031	1,4-Dichlorobenzene	0.28 J	ug/kg
		SUP_SL_56 6-8	258739033	Chloroform	0.41 J	ug/kg
		SUP_SL_56 8-10	258739034	Methylene chloride	3.3 J	ug/kg
		SUP_SL_56 10-12	258739035	n-Propylbenzene	0.77 J	ug/kg
		SUP_SL_56 12-14	258739036	Naphthalene	0.94 J	ug/kg
		SUP_SL_56 DUP	258739038	sec-Butylbenzene	0.64 J	ug/kg
82049	Method Blank	SUP_SL_54 1-2	258739018	Acetone	3.5 J	ug/kg
		SUP_SL_56 1-2	258739030	Methylene chloride	10.0	ug/kg
		SUP_SL_56 4-6	258739032	n-Propylbenzene	0.73 J	ug/kg
		SUP_SL_56 14-16	258739037	p-Isopropyltoluene	0.45 J	ug/kg
82463	Method Blank	SUP_SL_52 1-2	258739006	1,2,3-Trichlorobenzene	0.67 J	ug/kg
		SUP_SL_52 2-4	258739007	1,2,4-Trichlorobenzene	0.45 J	ug/kg
				1,4-Dichlorobenzene	0.26 J	ug/kg
				Acetone	3.0 J	ug/kg
				Methylene chloride	2.7 J	ug/kg
				Naphthalene	1.0 J	ug/kg
82398	Method Blank	SUP_SL_58 10-12	258739028	Gasoline Range Organics	1.8 J	mg/kg

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection



- limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
 6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	1,2,3-Trichlorobenzene		
SUP_SL_52 1-2	258739006	82463	Method Blank. Qualified based on criteria 4.
Analyte:	1,2,4-Trichlorobenzene		
SUP_SL_52 1-2	258739006	82463	Method Blank. Qualified based on criteria 4.
Analyte:	2-Butanone (MEK)		
SUP_SL_56 2-4 SUP_SL_56 4-6	258739031 258739032	258739026	Trip Blank. Qualified based on criteria 4.
Analyte:	Acetone		
SUP_SL_52 1-2 SUP_SL_52 2-4	258739006 258739007	82463	Method Blank. Qualified based on criteria 4. Samples listed are potential false positives (except 258739007) due to vial contamination from the manufacturer.
SUP_SL_52 4-6 SUP_SL_52 6-8 SUP_SL_52 8-10 SUP_SL_52 10-12 SUP_SL_52 12-14 SUP_SL_52 14-16 SUP_SL_54 0-1 SUP_SL_54 2-4 SUP_SL_54 4-6 SUP_SL_54 6-8 SUP_SL_54 8-10 SUP_SL_54 10-12 SUP_SL_54 12-14 SUP_SL_54 14-16	258739008 258739009 258739010 258739011 258739012 258739013 258739017 258739019 258739020 258739021 258739022 258739023 258739024 258739025	258739014	Trip Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives (except 258739017 and 258739019) due to vial contamination from the manufacturer.
SUP_SL_54 1-2	258739018	82049	Method Blank. Qualified based on criteria 4. The sample listed is a potential false positive due to vial contamination from the manufacturer.
SUP_SL_59 8-10 SUP_SL_59 10-12 SUP_SL_58 8-10 SUP_SL_58 10-12 SUP_SL_56 0-1 SUP_SL_56 1-2 SUP_SL_56 2-4 SUP_SL_56 4-6 SUP_SL_56 6-8 SUP_SL_56 8-10 SUP_SL_56 10-12 SUP_SL_56 12-14 SUP_SL_56 14-16 SUP_SL_56 DUP	258739015 258739016 258739027 258739028 258739029 258739030 258739031 258739032 258739033 258739034 258739035 258739036 258739037 258739038	258739026	Trip Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives (except 258739028 and 258739034) due to vial contamination from the manufacturer.



Analyte:	Benzene		
SUP_SL_52 2-4	258739007	258739014	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_52 4-6	258739008		
SUP_SL_52 6-8	258739009		
SUP_SL_52 8-10	258739010		
SUP_SL_52 10-12	258739011		
SUP_SL_52 12-14	258739012		
SUP_SL_52 14-16	258739013		
SUP_SL_54 1-2	258739018		
SUP_SL_54 0-1	258739017	81871	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_54 2-4	258739019		
SUP_SL_54 4-6	258739020		
SUP_SL_54 6-8	258739021		
SUP_SL_54 8-10	258739022		
SUP_SL_54 10-12	258739023		
SUP_SL_54 12-14	258739024		
SUP_SL_54 14-16	258739025		
SUP_SL_59 8-10	258739015	258739026	Trip Blank. Qualified based on criteria 4.
SUP_SL_59 10-12	258739016		
SUP_SL_58 8-10	258739027		
SUP_SL_56 0-1	258739029		
SUP_SL_56 1-2	258739030		
SUP_SL_56 2-4	258739031		
SUP_SL_56 6-8	258739033		
SUP_SL_56 8-10	258739034		
SUP_SL_56 12-14	258739036		
SUP_SL_56 14-16	258739037		
SUP_SL_56 DUP	258739038		
Analyte:	Carbon disulfide		
SUP_SL_49 8-10	258739001	81812	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_49 10-12	258739002		
SUP_SL_50 8-10	258739004		
SUP_SL_50 10-12	258739005		
SUP_SL_52 2-4	258739007	258739014	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_52 4-6	258739008		
SUP_SL_52 6-8	258739009		
SUP_SL_52 8-10	258739010		
SUP_SL_52 10-12	258739011		
SUP_SL_52 12-14	258739012		
SUP_SL_52 14-16	258739013		
SUP_SL_54 1-2	258739018		



SUP_SL_59 8-10	258739015	81871	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_59 10-12	258739016		
SUP_SL_54 0-1	258739017		
SUP_SL_54 2-4	258739019		
SUP_SL_54 4-6	258739020		
SUP_SL_54 6-8	258739021		
SUP_SL_54 8-10	258739022		
SUP_SL_54 10-12	258739023		
SUP_SL_54 12-14	258739024		
SUP_SL_54 14-16	258739025		
SUP_SL_58 8-10	258739027		
SUP_SL_58 10-12	258739028	258739026	Trip Blank. Qualified based on criteria 4.
SUP_SL_56 0-1	258739029		
SUP_SL_56 2-4	258739031		
SUP_SL_56 6-8	258739033		
SUP_SL_56 8-10	258739034		
SUP_SL_56 10-12	258739035		
SUP_SL_56 12-14	258739036		
SUP_SL_56 14-16	258739037		
SUP_SL_56 DUP	258739038		
Analyte:	Gasoline Range Organics		
SUP_SL_52 1-2	258739006	81786	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_52 2-4	258739007		
SUP_SL_52 6-8	258739008		
SUP_SL_52 8-10	258739009		
SUP_SL_52 10-12	258739010		
SUP_SL_52 12-14	258739011		
SUP_SL_52 14-16	258739012		
SUP_SL_59 8-10	258739013		
SUP_SL_59 10-12	258739015		
SUP_SL_59 10-12	258739016		
SUP_SL_54 0-1	258739017		
SUP_SL_54 1-2	258739018		
SUP_SL_54 2-4	258739019		
SUP_SL_54 4-6	258739020		
SUP_SL_54 6-8	258739021		
SUP_SL_54 8-10	258739022		
SUP_SL_54 10-12	258739023		
SUP_SL_54 12-14	258739024		
SUP_SL_54 14-16	258739025		
SUP_SL_58 10-12	258739028		
SUP_SL_58 8-10	258739027	81958	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_56 0-1	258739029		
SUP_SL_56 1-2	258739030		
SUP_SL_56 2-4	258739031		
SUP_SL_56 4-6	258739032		
SUP_SL_56 6-8	258739033		
SUP_SL_56 8-10	258739034		
SUP_SL_56 10-12	258739035		
SUP_SL_56 12-14	258739036		
SUP_SL_56 14-16	258739037		
SUP_SL_56 DUP	258739038		



Analyte:	Lead		
SUP_SL_54 10-12	258739023	81865	Method Blank. Qualified based on criteria 6.
SUP_SL_54 12-14	258739024		
SUP_SL_54 14-16	258739025		
SUP_SL_58 8-10	258739027		
SUP_SL_58 10-12	258739028		
SUP_SL_56 0-1	258739029		
SUP_SL_56 1-2	258739030		
SUP_SL_56 2-4	258739031		
SUP_SL_56 4-6	258739032		
SUP_SL_56 6-8	258739033		
SUP_SL_56 8-10	258739034		
SUP_SL_56 10-12	258739035		
SUP_SL_56 12-14	258739036		
SUP_SL_56 14-16	258739037		
SUP_SL_56 DUP	258739038		
Analyte:	m&p-Xylene		
SUP_SL_58 8-10	258739027	258739026	Trip Blank. Qualified based on criteria 4.
Analyte:	Methylene chloride		
SUP_SL_49 8-10	258739001	81812	Method Blank. Qualified based on criteria 4.
SUP_SL_59 8-10	258739015	258739026	Trip Blank. Qualified based on criteria 4.
SUP_SL_59 10-12	258739016		
SUP_SL_58 8-10	258739027		
SUP_SL_52 1-2	258739006	258739014	Trip Blank. Qualified based on criteria 4.
SUP_SL_54 4-6	258739020		
SUP_SL_54 6-8	258739021		
SUP_SL_54 8-10	258739022		
SUP_SL_54 10-12	258739023		
SUP_SL_54 12-14	258739024		
SUP_SL_54 14-16	258739025		
Analyte:	Naphthalene		
SUP_SL_52 1-2	258739006	82463	Method Blank. Qualified based on criteria 4.
SUP_SL_52 2-4	258739007		
SUP_SL_58 10-12	258739028	81952	Method Blank. Qualified based on criteria 4 and 6.
SUP_SL_56 0-1	258739029		
SUP_SL_56 2-4	258739031		
SUP_SL_56 8-10	258739033		
SUP_SL_56 10-12	258739034		
SUP_SL_56 DUP	258739038		
Analyte:	n-Propylbenzene		
SUP_SL_49 8-10	258739001	81812	Method Blank. Qualified based on criteria 4.
SUP_SL_54 1-2	258739018	82049	Method Blank. Qualified based on criteria 4.
SUP_SL_56 4-6	258739032		
SUP_SL_56 2-4	258739031	81952	Method Blank. Qualified based on criteria 4.
SUP_SL_56 12-14	258739036		
Analyte:	sec-Butylbenzene		
SUP_SL_56 2-4	258739031	81952	Method Blank. Qualified based on criteria 6.
Analyte:	Toluene		
SUP_SL_49 10-12	258739002	258739003	Trip Blank. Qualified based on criteria 4.



SUP_SL_52 2-4	258739007	258739014	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_52 4-6	258739008		
SUP_SL_52 6-8	258739009		
SUP_SL_52 10-12	258739011		
SUP_SL_52 12-14	258739012		
SUP_SL_52 14-16	258739013		
SUP_SL_54 1-2	258739018		
SUP_SL_54 2-4	258739019		
SUP_SL_54 8-10	258739022		
SUP_SL_54 10-12	258739023		
SUP_SL_59 8-10	258739015	258739026	Trip Blank. Qualified based on criteria 4.
SUP_SL_58 8-10	258739027		
SUP_SL_56 0-1	258739029		
SUP_SL_56 1-2	258739030		
SUP_SL_56 2-4	258739031		
SUP_SL_56 4-6	258739032		
Analyte:	Xylene (Total)		
SUP_SL_58 8-10	258739027	258739026	Trip Blank. Qualified based on criteria 4.
SUP_SL_56 2-4	258739031		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for method NWTPH-Dx and NWTPH-Gx. Methods NWTPH-Dx and NWTPH-Gx did not have a MS/MSD prepared and analyzed. All other methods (6010, 8270, and 8260) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_49 8-10	258739001	81863	Arsenic	25/-305	75-125	45	20	Low	Results not qualified based on criteria 2a.
SUP_SL_49 10-12	258739002								
SUP_SL_50 8-10	258739004								
SUP_SL_50 10-12	258739005								
SUP_SL_52 1-2	258739006								
SUP_SL_52 2-4	258739007		Lead	88/68	75-	13	20	Low	Qualified



SUP_SL_52 4-6	258739008				125				based on criteria 2c.
SUP_SL_52 6-8	258739009								
SUP_SL_52 8-10	258739010								
SUP_SL_52 10-12	258739011								
SUP_SL_52 12-14	258739012								
SUP_SL_52 14-16	258739013								
SUP_SL_59 8-10	258739015								
SUP_SL_59 10-12	258739016								
SUP_SL_54 0-1	258739017								
SUP_SL_54 1-2	258739018								
SUP_SL_54 2-4	258739019								
SUP_SL_54 4-6	258739020								
SUP_SL_54 6-8	258739021								
SUP_SL_54 8-10	258739022								
SUP_SL_59 8-10	258739015	81959	Dichlorodifluoromethane	35/33	40-156	6	30	Low	Results not qualified based on criteria 1a.
SUP_SL_59 10-12	258739016		Hexachloro-1,3-butadiene	28/31	40-144	20	30	Low	Results not qualified based on criteria 1a.
SUP_SL_54 0-1	258739017		Vinyl chloride	75/75	80-112	11	30	Low	Results not qualified based on criteria 1a.
SUP_SL_54 2-4	258739019		Trichloroethene	72/72	80-112	11	30	Low	Results not qualified based on criteria 1a.
SUP_SL_54 4-6	258739020		Tetrachloroethene	64/63	80-112	9	30	Low	Results not qualified based on criteria 1a.
SUP_SL_54 6-8	258739021								
SUP_SL_54 8-10	258739022								
SUP_SL_54 10-12	258739023								
SUP_SL_54 12-14	258739024								
SUP_SL_54 14-16	258739025								
SUP_SL_58 8-10	258739027								
SUP_SL_54 1-2	258739018	82274	1,1-Dichloroethene	165/129	40-155	27	30	High	Results not qualified based on criteria 1a.
SUP_SL_56 1-2	258739030		1,2,3-Trichlorobenzene	76/57	40-130	32	30	High	Results not qualified based on criteria 1a.
SUP_SL_56 4-6	258739032		1,2,4-Trichlorobenzene	77/56	40-134	33	30	High	Results not qualified
SUP_SL_56 14-16	258739037								



									based on criteria 1a.
--	--	--	--	--	--	--	--	--	-----------------------

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per extraction batch for method NWTPH-Dx and NWTPH-Gx, one every 20 samples for method 6010, and one every 10 samples for method 8270. Method 8260 had LCS/LCSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics
 - a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
 - b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
 - c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).
2. Inorganics
 - a. Aqueous LCS:
 - i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
 - ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
 - iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
 - iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
 - v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
 - vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
 - vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).
 - b. Solid LCS:
 - i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
 - ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
 - iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
 - iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were potentially qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_49 8-10	258739001	81813	Vinyl chloride	114/111	80-112	3	29	High	Based on the criteria above, results were not qualified.
SUP_SL_49 10-12	258739002								
SUP_SL_50 8-10	258739004								
SUP_SL_50 10-12	258739005								
SUP_SL_52 4-6	258739008								
SUP_SL_52 6-8	258739009								
SUP_SL_52 8-10	258739010								
SUP_SL_52 10-12	258739011								
SUP_SL_52 12-14	258739012								



SUP_SL_52 14-16	258739013								
SUP_SL_58 10-12	258739028	81953	1,1-Dichloroethene	168/140	68-157	18	28	High	Based on the criteria above, results were not qualified.
SUP_SL_56 0-1	258739029								
SUP_SL_56 2-4	258739031								
SUP_SL_56 6-8	258739033								
SUP_SL_56 8-10	258739034								
SUP_SL_56 10-12	258739035								
SUP_SL_56 12-14	258739036								
SUP_SL_56 DUP	258739038		Carbon disulfide	153/140	56-143	9	24	High	Qualified based on criteria 1a.
			Vinyl chloride	117/109	80-112	7	29	High	Based on the criteria above, results were not qualified.
SUP_SL_54 1-2	258739018	82050	1,1-Dichloroethene	160	68-157			High	Based on the criteria above, results were not qualified.
SUP_SL_56 1-2	258739030								
SUP_SL_56 4-6	258739032								
SUP_SL_56 14-16	258739037								
				2-Butanone (MEK)	161	44-160			
			Acetone	183	40-160			High	Qualified based on criteria 1a.
			Carbon disulfide	170	56-143			High	Qualified based on criteria 1a for sample 25873901 8 and 25873903



									7. Based on the criteria above, results for 25873903 0 and 25873903 2 were not qualified.
			cis-1,2-Dichloroethene	130	70-120			High	Based on the criteria above, results were not qualified.
			Methylene chloride	160	59-149			High	Based on the criteria above, results were not qualified.
			Tetrachloroethene	119	80-112			High	Based on the criteria above, results were not qualified.
			Trichloroethene	114	80-112			High	Qualified based on criteria 1a for sample 25873903 0. Based on the criteria above, results for samples 25873901 8, 25873903 2, and 25873903 7 were not qualified.
SUP_SL_52 1-2 SUP_SL_52 2-4	258739006 258739007	82464	2-Hexanone	133/105	40-160	23	21	High	Based on the criteria



									above, results were not qualified.
			Dichlorodifluoromethane	167/152	40-160	10	24	High	Based on the criteria above, results were not qualified.
			Tetrachloroethene	116/109	80-112	6	22	High	Based on the criteria above, results were not qualified.
			Vinyl chloride	127/122	80-112	4	29	High	Based on the criteria above, results were not qualified.
SUP_SL_58 10-12	258739028	82399	Gasoline Range Organics	116/121	61-98	4	30	High	Qualified based on criteria 1a.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 10 samples for method 8270. All other methods (6010, NWTPH-Dx, NWTPH-Gx, and 8260) had field duplicates prepared and analyzed at the required frequency as specified in the SAP & QAPP. Sample SUP_SL_56 DUP (258739038) was collected as a field duplicate and is associated with sample SUP_SL_56 14-16.

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_SL_56 DUP (Lab ID -258739038)	SUP_SL_56 14-16 (Lab ID – 258739037)		
Gasoline Range Organics	1.1 J	1.1 J	mg/kg	0
Arsenic	2.1 J	2.5 J	mg/kg	17
Cadmium	<0.061	0.074 J	mg/kg	19
Lead	4.2	3.2	mg/kg	27



Acetone	14.6	23.0	ug/kg	45
Benzene	0.21 J	0.20 J	ug/kg	5
Carbon disulfide	1.8 J	3.8	ug/kg	72
Naphthalene	0.80 J	0.91 J	ug/kg	12
sec-Butylbenzene	<0.45	0.71 J	ug/kg	45

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

On the chain-of-custodies, methods 6010, 8270 and 8260 were requested for Trip Blank #15 (258739003), however only 8260 was analyzed. Trip Blank #5 (258739014) and Trip Blank #14 (258739026) were not run for methods NWTPH-Dx and 6010 requested on the chain-of-custody. According to the SAP & QAPP the trip blanks for this sample delivery group should have been run for methods 8260 and NWTPH-Gx. They were run for the requested method NWTPH-Gx and 8260. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition and were preserved correctly. Cooler custody seals were not used. The temperature of the delivery coolers were recorded at 0.4, 0.8 and 1.0 °C and were within the required temperature range. It was not noted whether the samples were on ice however based on the temperature of the coolers it is assumed ice was used. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Due to low recoveries in the surrogates (>10% and less than lower acceptance limit), the detected results for VOCs were flagged as estimated (J) and the nondetected results were flagged as non-detect estimated (UJ) in sample SUP_SL_52 1-2 (258739006). The lab did not confirm the matrix interference with re-analysis.

Due to high recoveries in the surrogates, the detected results for VOCs were flagged as estimated (J) in sample SUP_SL_56 2-4 (258739031). The lab confirmed the matrix interference with re-analysis but did not re-extract the sample.

Four detected acetone results for samples SUP_SL_49 8-10 (258739001), SUP_SL_49 10-12 (258739002), SUP_SL_50 8-10 (258739004), and SUP_SL_50 10-12 (258739005) were qualified as estimated (J) due to potential false positives from vial contamination from the manufacturer.

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Two hundred eighty-one (281) sample results were qualified (see Attachment 1).
- Thirty-two detected sample results were qualified as estimated (J) due to LCS/LCSD recoveries that exceeded control limits, surrogate recoveries that exceeded control limits, MS/MSD recoveries that exceeded control limits, or a laboratory noted qualifier.
- Sixty-four nondetected sample results were qualified as estimated (UJ) due to surrogate recoveries that exceeded control limits.
- Forty-five detected sample results were qualified (B) and 111 detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.
- Four detected sample results were qualified estimated (JB) and 25 detected sample results were qualified as nondetected (UJB) due to method/trip blank contamination and LCS/LCSD recoveries that exceeded control limits or surrogate recoveries that exceeded control limits.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.





Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258739

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_49 8-10	258739001	EPA 6010	Solid	Lead	21.3	mg/kg	0.072	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_49 8-10	258739001	EPA 8260	Solid	Acetone	20.6	ug/kg	1.6	J	Laboratory Noted Qualifier
SUP_SL_49 8-10	258739001	EPA 8260	Solid	Carbon disulfide	1.1 J	ug/kg	0.40	UB	Method Blank Contamination
SUP_SL_49 8-10	258739001	EPA 8260	Solid	Methylene chloride	17.9	ug/kg	3.8	UB	Method Blank Contamination
SUP_SL_49 8-10	258739001	EPA 8260	Solid	n-Propylbenzene	1.1 J	ug/kg	0.51	UB	Method Blank Contamination
SUP_SL_49 10-12	258739002	EPA 6010	Solid	Lead	4.0	mg/kg	0.065	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_49 10-12	258739002	EPA 8260	Solid	Acetone	56.3	ug/kg	1.6	J	Laboratory Noted Qualifier
SUP_SL_49 10-12	258739002	EPA 8260	Solid	Carbon disulfide	10.3	ug/kg	0.39	B	Method Blank Contamination
SUP_SL_49 10-12	258739002	EPA 8260	Solid	Toluene	0.74 J	ug/kg	0.44	UB	Trip Blank Contamination
SUP_SL_50 8-10	258739004	EPA 6010	Solid	Lead	86.4	mg/kg	0.077	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_50 8-10	258739004	EPA 8260	Solid	Acetone	16.4	ug/kg	1.4	J	Laboratory Noted Qualifier
SUP_SL_50 8-10	258739004	EPA 8260	Solid	Carbon disulfide	5.9	ug/kg	0.35	B	Method Blank Contamination
SUP_SL_50 10-12	258739005	EPA 6010	Solid	Lead	10.3	mg/kg	0.066	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_50 10-12	258739005	EPA 8260	Solid	Acetone	24.0	ug/kg	1.5	J	Laboratory Noted Qualifier
SUP_SL_50 10-12	258739005	EPA 8260	Solid	Carbon disulfide	5.5	ug/kg	0.39	B	Method Blank Contamination
SUP_SL_52 1-2	258739006	EPA 6010	Solid	Lead	24.4	mg/kg	1.2	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,1,1,2-Tetrachloroethane	<0.20	ug/kg	0.20	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,1,1-Trichloroethane	<0.25	ug/kg	0.25	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,1,2,2-Tetrachloroethane	<0.37	ug/kg	0.37	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,1,2-Trichloroethane	<0.37	ug/kg	0.37	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,1,2-Trichlorotrifluoroethane	<0.54	ug/kg	0.54	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,1-Dichloroethane	<0.32	ug/kg	0.32	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,1-Dichloroethene	<0.50	ug/kg	0.50	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,1-Dichloropropene	<0.47	ug/kg	0.47	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2,3-Trichlorobenzene	0.46 J	ug/kg	0.37	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2,3-Trichloropropane	<0.46	ug/kg	0.46	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2,4-Trichlorobenzene	0.41 J	ug/kg	0.33	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2,4-Trimethylbenzene	<0.69	ug/kg	0.69	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2-Dibromo-3-chloropropane	<0.52	ug/kg	0.52	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2-Dibromoethane (EDB)	<0.28	ug/kg	0.28	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2-Dichlorobenzene	<0.33	ug/kg	0.33	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2-Dichloroethane	<0.30	ug/kg	0.30	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2-Dichloroethene (Total)	<0.50	ug/kg	0.50	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,2-Dichloropropane	<0.24	ug/kg	0.24	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,3,5-Trimethylbenzene	<0.43	ug/kg	0.43	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,3-Dichlorobenzene	<0.25	ug/kg	0.25	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,3-Dichloropropane	<0.37	ug/kg	0.37	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	1,4-Dichlorobenzene	<0.32	ug/kg	0.32	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	2,2-Dichloropropane	<0.25	ug/kg	0.25	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	2-Butanone (MEK)	<2.0	ug/kg	2.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	2-Chlorotoluene	<0.42	ug/kg	0.42	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	2-Hexanone	<0.48	ug/kg	0.48	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	4-Chlorotoluene	<0.36	ug/kg	0.36	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	4-Methyl-2-pentanone (MIBK)	<0.41	ug/kg	0.41	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Acetone	17.7	ug/kg	1.5	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Benzene	<0.20	ug/kg	0.20	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Bromobenzene	<0.31	ug/kg	0.31	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Bromochloromethane	<0.30	ug/kg	0.30	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Bromodichloromethane	<0.16	ug/kg	0.16	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Bromoform	<0.31	ug/kg	0.31	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Bromomethane	<0.43	ug/kg	0.43	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Carbon disulfide	<0.37	ug/kg	0.37	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Carbon tetrachloride	<0.24	ug/kg	0.24	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Chlorobenzene	<0.25	ug/kg	0.25	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Chloroethane	<0.39	ug/kg	0.39	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Chloroform	<0.26	ug/kg	0.26	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Chloromethane	<0.28	ug/kg	0.28	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Dibromochloromethane	<0.13	ug/kg	0.13	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Dibromomethane	<0.28	ug/kg	0.28	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Dichlorodifluoromethane	<0.56	ug/kg	0.56	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Ethylbenzene	<0.51	ug/kg	0.51	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Hexachloro-1,3-butadiene	<0.40	ug/kg	0.40	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Isopropylbenzene (Cumene)	<0.46	ug/kg	0.46	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Methyl-tert-butyl ether	<0.33	ug/kg	0.33	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Methylene chloride	28.5	ug/kg	3.5	UJB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258739

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Naphthalene	1.0 J	ug/kg	0.73	UJ	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Styrene	<0.39	ug/kg	0.39	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Tetrachloroethene	<0.51	ug/kg	0.51	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Toluene	<0.41	ug/kg	0.41	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Trichloroethene	<0.28	ug/kg	0.28	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Trichlorofluoromethane	<0.31	ug/kg	0.31	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Vinyl chloride	<0.38	ug/kg	0.38	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	Xylene (Total)	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	cis-1,2-Dichloroethene	<0.28	ug/kg	0.28	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	cis-1,3-Dichloropropene	<0.17	ug/kg	0.17	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	m&p-Xylene	<1.0	ug/kg	1.0	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	n-Butylbenzene	<0.61	ug/kg	0.61	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	n-Propylbenzene	<0.47	ug/kg	0.47	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	o-Xylene	<0.44	ug/kg	0.44	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	p-Isopropyltoluene	<0.52	ug/kg	0.52	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	sec-Butylbenzene	<0.56	ug/kg	0.56	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	tert-Amylmethyl ether	<0.35	ug/kg	0.35	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	tert-Butylbenzene	<0.46	ug/kg	0.46	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	trans-1,2-Dichloroethene	<0.40	ug/kg	0.40	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	EPA 8260	Solid	trans-1,3-Dichloropropene	<0.28	ug/kg	0.28	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_52 1-2	258739006	NWTPH-Gx	Solid	Gasoline Range Organics	0.97 J	mg/kg	0.29	UB	Method Blank Contamination
SUP_SL_52 2-4	258739007	EPA 6010	Solid	Lead	16.3 J	mg/kg	1.1	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_52 2-4	258739007	EPA 8260	Solid	Acetone	11.4 J	ug/kg	1.5	UB	Method Blank Contamination
SUP_SL_52 2-4	258739007	EPA 8260	Solid	Benzene	1.5 J	ug/kg	0.20	B	Trip Blank Contamination
SUP_SL_52 2-4	258739007	EPA 8260	Solid	Carbon disulfide	1.0 J	ug/kg	0.37	UB	Trip Blank Contamination
SUP_SL_52 2-4	258739007	EPA 8260	Solid	Naphthalene	0.93 J	ug/kg	0.74	UB	Method Blank Contamination
SUP_SL_52 2-4	258739007	EPA 8260	Solid	Toluene	0.46 J	ug/kg	0.41	UB	Trip Blank Contamination
SUP_SL_52 2-4	258739007	NWTPH-Gx	Solid	Gasoline Range Organics	0.90 J	mg/kg	0.31	UB	Method Blank Contamination
SUP_SL_52 4-6	258739008	EPA 6010	Solid	Lead	50.1	mg/kg	1.4	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_52 4-6	258739008	EPA 8260	Solid	Acetone	15.6	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_52 4-6	258739008	EPA 8260	Solid	Benzene	2.6 J	ug/kg	0.16	B	Trip Blank Contamination
SUP_SL_52 4-6	258739008	EPA 8260	Solid	Carbon disulfide	2.6 J	ug/kg	0.30	UB	Trip Blank Contamination
SUP_SL_52 4-6	258739008	EPA 8260	Solid	Toluene	0.56 J	ug/kg	0.34	UB	Trip Blank Contamination
SUP_SL_52 4-6	258739008	NWTPH-Gx	Solid	Gasoline Range Organics	7.2 J	mg/kg	0.32	B	Method Blank Contamination
SUP_SL_52 6-8	258739009	EPA 6010	Solid	Lead	27.2	mg/kg	0.71	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_52 6-8	258739009	EPA 8260	Solid	Acetone	32.2	ug/kg	1.1	B	Trip Blank Contamination
SUP_SL_52 6-8	258739009	EPA 8260	Solid	Benzene	2.0 J	ug/kg	0.15	B	Trip Blank Contamination
SUP_SL_52 6-8	258739009	EPA 8260	Solid	Carbon disulfide	1.7 J	ug/kg	0.27	UB	Trip Blank Contamination
SUP_SL_52 6-8	258739009	EPA 8260	Solid	Toluene	0.43 J	ug/kg	0.30	UB	Trip Blank Contamination
SUP_SL_52 6-8	258739009	NWTPH-Gx	Solid	Gasoline Range Organics	1.8 J	mg/kg	0.26	UB	Method Blank Contamination
SUP_SL_52 8-10	258739010	EPA 6010	Solid	Lead	48.2	mg/kg	0.79	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_52 8-10	258739010	EPA 8260	Solid	Acetone	34.4	ug/kg	1.3	B	Trip Blank Contamination
SUP_SL_52 8-10	258739010	EPA 8260	Solid	Benzene	1.4 J	ug/kg	0.18	B	Trip Blank Contamination
SUP_SL_52 8-10	258739010	EPA 8260	Solid	Carbon disulfide	14.6	ug/kg	0.34	B	Trip Blank Contamination
SUP_SL_52 8-10	258739010	NWTPH-Gx	Solid	Gasoline Range Organics	6.1 J	mg/kg	0.30	B	Method Blank Contamination
SUP_SL_52 10-12	258739011	EPA 6010	Solid	Lead	31400	mg/kg	7.6	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_52 10-12	258739011	EPA 8260	Solid	Acetone	376	ug/kg	1.8	B	Trip Blank Contamination
SUP_SL_52 10-12	258739011	EPA 8260	Solid	Benzene	3.4 J	ug/kg	0.25	B	Trip Blank Contamination
SUP_SL_52 10-12	258739011	EPA 8260	Solid	Carbon disulfide	3.2 J	ug/kg	0.46	UB	Trip Blank Contamination
SUP_SL_52 10-12	258739011	EPA 8260	Solid	Toluene	0.72 J	ug/kg	0.50	UB	Trip Blank Contamination
SUP_SL_52 10-12	258739011	NWTPH-Gx	Solid	Gasoline Range Organics	1.7 J	mg/kg	0.43	UB	Method Blank Contamination
SUP_SL_52 12-14	258739012	EPA 6010	Solid	Lead	23.6	mg/kg	0.29	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_52 12-14	258739012	EPA 8260	Solid	Acetone	29.8	ug/kg	1.2	B	Trip Blank Contamination
SUP_SL_52 12-14	258739012	EPA 8260	Solid	Benzene	1.2 J	ug/kg	0.17	B	Trip Blank Contamination
SUP_SL_52 12-14	258739012	EPA 8260	Solid	Carbon disulfide	6.1	ug/kg	0.31	UB	Trip Blank Contamination
SUP_SL_52 12-14	258739012	EPA 8260	Solid	Toluene	1.4 J	ug/kg	0.34	UB	Trip Blank Contamination
SUP_SL_52 12-14	258739012	NWTPH-Gx	Solid	Gasoline Range Organics	1.0 J	mg/kg	0.31	UB	Method Blank Contamination
SUP_SL_52 14-16	258739013	EPA 6010	Solid	Lead	2.8	mg/kg	0.075	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_52 14-16	258739013	EPA 8260	Solid	Acetone	20.3	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_52 14-16	258739013	EPA 8260	Solid	Benzene	0.34 J	ug/kg	0.17	UB	Trip Blank Contamination
SUP_SL_52 14-16	258739013	EPA 8260	Solid	Carbon disulfide	3.2 J	ug/kg	0.31	UB	Trip Blank Contamination
SUP_SL_52 14-16	258739013	EPA 8260	Solid	Toluene	0.41 J	ug/kg	0.34	UB	Trip Blank Contamination
SUP_SL_52 14-16	258739013	NWTPH-Gx	Solid	Gasoline Range Organics	0.73 J	mg/kg	0.30	UB	Method Blank Contamination
SUP_SL_59 8-10	258739015	EPA 6010	Solid	Lead	20.1	mg/kg	0.088	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_59 8-10	258739015	EPA 8260	Solid	Acetone	44.9	ug/kg	2.4	B	Trip Blank Contamination
SUP_SL_59 8-10	258739015	EPA 8260	Solid	Benzene	0.68 J	ug/kg	0.32	UB	Trip Blank Contamination
SUP_SL_59 8-10	258739015	EPA 8260	Solid	Carbon disulfide	27.8	ug/kg	0.60	B	Method Blank Contamination
SUP_SL_59 8-10	258739015	EPA 8260	Solid	Methylene chloride	6.0 J	ug/kg	5.7	UB	Trip Blank Contamination
SUP_SL_59 8-10	258739015	EPA 8260	Solid	Toluene	0.82 J	ug/kg	0.66	UB	Trip Blank Contamination



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258739

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_59 8-10	258739015	NWTPH-Gx	Solid	Gasoline Range Organics	1.6 J	mg/kg	0.61	UB	Method Blank Contamination
SUP_SL_59 10-12	258739016	EPA 6010	Solid	Lead	4.7	mg/kg	0.068	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_59 10-12	258739016	EPA 8260	Solid	Acetone	41.5	ug/kg	1.5	UB	Trip Blank Contamination
SUP_SL_59 10-12	258739016	EPA 8260	Solid	Benzene	0.24 J	ug/kg	0.21	UB	Trip Blank Contamination
SUP_SL_59 10-12	258739016	EPA 8260	Solid	Carbon disulfide	8.9	ug/kg	0.38	UB	Method Blank Contamination
SUP_SL_59 10-12	258739016	EPA 8260	Solid	Methylene chloride	4.7 J	ug/kg	3.6	UB	Trip Blank Contamination
SUP_SL_59 10-12	258739016	NWTPH-Gx	Solid	Gasoline Range Organics	1.1 J	mg/kg	0.43	UB	Method Blank Contamination
SUP_SL_54 0-1	258739017	EPA 6010	Solid	Lead	10.9 J	mg/kg	1.1	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_54 0-1	258739017	EPA 8260	Solid	Acetone	9.3 J	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_54 0-1	258739017	EPA 8260	Solid	Benzene	0.39 J	ug/kg	0.16	UB	Method Blank Contamination
SUP_SL_54 0-1	258739017	EPA 8260	Solid	Carbon disulfide	0.88 J	ug/kg	0.31	UB	Method Blank Contamination
SUP_SL_54 0-1	258739017	NWTPH-Gx	Solid	Gasoline Range Organics	2.5 J	mg/kg	0.25	UB	Method Blank Contamination
SUP_SL_54 1-2	258739018	EPA 6010	Solid	Lead	13.5 J	mg/kg	1.3	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_54 1-2	258739018	EPA 8260	Solid	Acetone	12.0	ug/kg	1.3	UB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_54 1-2	258739018	EPA 8260	Solid	Benzene	1.3 J	ug/kg	0.18	B	Trip Blank Contamination
SUP_SL_54 1-2	258739018	EPA 8260	Solid	Carbon disulfide	0.78 J	ug/kg	0.33	UB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_54 1-2	258739018	EPA 8260	Solid	Toluene	0.49 J	ug/kg	0.37	UB	Trip Blank Contamination
SUP_SL_54 1-2	258739018	EPA 8260	Solid	n-Propylbenzene	0.87 J	ug/kg	0.42	UB	Method Blank Contamination
SUP_SL_54 1-2	258739018	NWTPH-Gx	Solid	Gasoline Range Organics	0.80 J	mg/kg	0.36	UB	Method Blank Contamination
SUP_SL_54 2-4	258739019	EPA 6010	Solid	Lead	22.7 J	mg/kg	1.6	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_54 2-4	258739019	EPA 8260	Solid	Acetone	9.5 J	ug/kg	1.4	UB	Trip Blank Contamination
SUP_SL_54 2-4	258739019	EPA 8260	Solid	Benzene	1.7 J	ug/kg	0.19	B	Method Blank Contamination
SUP_SL_54 2-4	258739019	EPA 8260	Solid	Carbon disulfide	0.74 J	ug/kg	0.35	UB	Method Blank Contamination
SUP_SL_54 2-4	258739019	EPA 8260	Solid	Toluene	0.48 J	ug/kg	0.38	UB	Trip Blank Contamination
SUP_SL_54 2-4	258739019	NWTPH-Gx	Solid	Gasoline Range Organics	1.7 J	mg/kg	0.32	UB	Method Blank Contamination
SUP_SL_54 4-6	258739020	EPA 6010	Solid	Lead	793	mg/kg	0.36	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_54 4-6	258739020	EPA 8260	Solid	Acetone	18.0	ug/kg	1.4	UB	Trip Blank Contamination
SUP_SL_54 4-6	258739020	EPA 8260	Solid	Benzene	0.61 J	ug/kg	0.19	UB	Method Blank Contamination
SUP_SL_54 4-6	258739020	EPA 8260	Solid	Carbon disulfide	1.5 J	ug/kg	0.34	UB	Method Blank Contamination
SUP_SL_54 4-6	258739020	EPA 8260	Solid	Methylene chloride	4.9 J	ug/kg	3.3	UB	Trip Blank Contamination
SUP_SL_54 4-6	258739020	NWTPH-Gx	Solid	Gasoline Range Organics	1.5 J	mg/kg	0.37	UB	Method Blank Contamination
SUP_SL_54 6-8	258739021	EPA 6010	Solid	Lead	115	mg/kg	0.079	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_54 6-8	258739021	EPA 8260	Solid	Acetone	19.3	ug/kg	1.5	UB	Trip Blank Contamination
SUP_SL_54 6-8	258739021	EPA 8260	Solid	Benzene	0.43 J	ug/kg	0.21	UB	Method Blank Contamination
SUP_SL_54 6-8	258739021	EPA 8260	Solid	Carbon disulfide	18.8	ug/kg	0.38	B	Method Blank Contamination
SUP_SL_54 6-8	258739021	EPA 8260	Solid	Methylene chloride	5.4 J	ug/kg	3.6	UB	Trip Blank Contamination
SUP_SL_54 6-8	258739021	NWTPH-Gx	Solid	Gasoline Range Organics	1.1 J	mg/kg	0.38	UB	Method Blank Contamination
SUP_SL_54 8-10	258739022	EPA 6010	Solid	Lead	22.5	mg/kg	0.070	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_54 8-10	258739022	EPA 8260	Solid	Acetone	25.9	ug/kg	1.6	UB	Trip Blank Contamination
SUP_SL_54 8-10	258739022	EPA 8260	Solid	Benzene	0.33 J	ug/kg	0.22	UB	Method Blank Contamination
SUP_SL_54 8-10	258739022	EPA 8260	Solid	Carbon disulfide	22.2	ug/kg	0.42	B	Method Blank Contamination
SUP_SL_54 8-10	258739022	EPA 8260	Solid	Methylene chloride	6.8 J	ug/kg	3.9	UB	Trip Blank Contamination
SUP_SL_54 8-10	258739022	EPA 8260	Solid	Toluene	4.9	ug/kg	0.46	B	Trip Blank Contamination
SUP_SL_54 8-10	258739022	NWTPH-Gx	Solid	Gasoline Range Organics	1.0 J	mg/kg	0.38	UB	Method Blank Contamination
SUP_SL_54 10-12	258739023	EPA 6010	Solid	Lead	4.3	mg/kg	0.084	B	Method Blank Contamination
SUP_SL_54 10-12	258739023	EPA 8260	Solid	Acetone	49.9	ug/kg	1.9	B	Trip Blank Contamination
SUP_SL_54 10-12	258739023	EPA 8260	Solid	Benzene	0.36 J	ug/kg	0.26	UB	Method Blank Contamination
SUP_SL_54 10-12	258739023	EPA 8260	Solid	Carbon disulfide	27.9	ug/kg	0.48	B	Method Blank Contamination
SUP_SL_54 10-12	258739023	EPA 8260	Solid	Methylene chloride	7.7 J	ug/kg	4.5	UB	Trip Blank Contamination
SUP_SL_54 10-12	258739023	EPA 8260	Solid	Toluene	3.6 J	ug/kg	0.53	B	Trip Blank Contamination
SUP_SL_54 10-12	258739023	NWTPH-Gx	Solid	Gasoline Range Organics	1.2 J	mg/kg	0.43	UB	Method Blank Contamination
SUP_SL_54 12-14	258739024	EPA 6010	Solid	Lead	12.2	mg/kg	0.074	B	Method Blank Contamination
SUP_SL_54 12-14	258739024	EPA 8260	Solid	Acetone	22.8	ug/kg	1.3	UB	Trip Blank Contamination
SUP_SL_54 12-14	258739024	EPA 8260	Solid	Benzene	0.29 J	ug/kg	0.18	UB	Method Blank Contamination
SUP_SL_54 12-14	258739024	EPA 8260	Solid	Carbon disulfide	9.8	ug/kg	0.34	UB	Method Blank Contamination
SUP_SL_54 12-14	258739024	EPA 8260	Solid	Methylene chloride	6.1 J	ug/kg	3.2	UB	Trip Blank Contamination
SUP_SL_54 12-14	258739024	NWTPH-Gx	Solid	Gasoline Range Organics	0.90 J	mg/kg	0.33	UB	Method Blank Contamination
SUP_SL_54 14-16	258739025	EPA 6010	Solid	Lead	2.9	mg/kg	0.061	B	Method Blank Contamination
SUP_SL_54 14-16	258739025	EPA 8260	Solid	Acetone	14.9	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_54 14-16	258739025	EPA 8260	Solid	Benzene	0.23 J	ug/kg	0.17	UB	Method Blank Contamination
SUP_SL_54 14-16	258739025	EPA 8260	Solid	Carbon disulfide	6.2	ug/kg	0.31	UB	Method Blank Contamination
SUP_SL_54 14-16	258739025	EPA 8260	Solid	Methylene chloride	5.4 J	ug/kg	3.0	UB	Trip Blank Contamination
SUP_SL_54 14-16	258739025	NWTPH-Gx	Solid	Gasoline Range Organics	0.72 J	mg/kg	0.28	UB	Method Blank Contamination
SUP_SL_58 8-10	258739027	EPA 6010	Solid	Lead	8.3	mg/kg	0.060	B	Method Blank Contamination
SUP_SL_58 8-10	258739027	EPA 8260	Solid	Acetone	27.8	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_58 8-10	258739027	EPA 8260	Solid	Benzene	0.41 J	ug/kg	0.17	UB	Trip Blank Contamination
SUP_SL_58 8-10	258739027	EPA 8260	Solid	Carbon disulfide	30.0	ug/kg	0.31	B	Method Blank Contamination
SUP_SL_58 8-10	258739027	EPA 8260	Solid	Methylene chloride	5.7 J	ug/kg	2.9	UB	Trip Blank Contamination

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258739

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_58 8-10	258739027	EPA 8260	Solid	Toluene	1.9 J	ug/kg	0.34	UB	Trip Blank Contamination
SUP_SL_58 8-10	258739027	EPA 8260	Solid	Xylene (Total)	1.4 J	ug/kg	0.82	UB	Trip Blank Contamination
SUP_SL_58 8-10	258739027	EPA 8260	Solid	m&p-Xylene	1.1 J	ug/kg	0.82	UB	Trip Blank Contamination
SUP_SL_58 8-10	258739027	NWTPH-Gx	Solid	Gasoline Range Organics	3.6 J	mg/kg	0.23	B	Method Blank Contamination
SUP_SL_58 10-12	258739028	EPA 6010	Solid	Lead	8.5	mg/kg	0.065	B	Method Blank Contamination
SUP_SL_58 10-12	258739028	EPA 8260	Solid	Acetone	7.5 J	ug/kg	1.4	UB	Trip Blank Contamination
SUP_SL_58 10-12	258739028	EPA 8260	Solid	Carbon disulfide	8.0	ug/kg	0.35	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_58 10-12	258739028	EPA 8260	Solid	Naphthalene	1.0 J	ug/kg	0.69	UB	Method Blank Contamination
SUP_SL_58 10-12	258739028	NWTPH-Gx	Solid	Gasoline Range Organics	1.3 J	mg/kg	0.51	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 0-1	258739029	EPA 6010	Solid	Lead	174	mg/kg	0.061	B	Method Blank Contamination
SUP_SL_56 0-1	258739029	EPA 8260	Solid	Acetone	26.2	ug/kg	1.0	UB	Trip Blank Contamination
SUP_SL_56 0-1	258739029	EPA 8260	Solid	Benzene	1.3 J	ug/kg	0.14	UB	Trip Blank Contamination
SUP_SL_56 0-1	258739029	EPA 8260	Solid	Carbon disulfide	0.68 J	ug/kg	0.26	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 0-1	258739029	EPA 8260	Solid	Naphthalene	0.63 J	ug/kg	0.50	UB	Method Blank Contamination
SUP_SL_56 0-1	258739029	EPA 8260	Solid	Toluene	0.46 J	ug/kg	0.28	UB	Trip Blank Contamination
SUP_SL_56 1-2	258739029	NWTPH-Gx	Solid	Gasoline Range Organics	1.9 J	mg/kg	0.23	UB	Method Blank Contamination
SUP_SL_56 1-2	258739030	EPA 6010	Solid	Lead	1410	mg/kg	0.55	B	Method Blank Contamination
SUP_SL_56 1-2	258739030	EPA 8260	Solid	Acetone	104	ug/kg	1.3	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 1-2	258739030	EPA 8260	Solid	Benzene	2.9 J	ug/kg	0.18	UB	Trip Blank Contamination
SUP_SL_56 1-2	258739030	EPA 8260	Solid	Toluene	0.98 J	ug/kg	0.36	UB	Trip Blank Contamination
SUP_SL_56 1-2	258739030	EPA 8260	Solid	Trichloroethene	0.52 J	ug/kg	0.25	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 1-2	258739030	NWTPH-Gx	Solid	Gasoline Range Organics	2.7 J	mg/kg	0.26	UB	Method Blank Contamination
SUP_SL_56 2-4	258739031	EPA 6010	Solid	Lead	2310	mg/kg	0.67	B	Method Blank Contamination
SUP_SL_56 2-4	258739031	EPA 8260	Solid	1,2-Dichlorobenzene	5.3	ug/kg	0.24	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_56 2-4	258739031	EPA 8260	Solid	1,2-Dichloroethene (Total)	0.57 J	ug/kg	0.36	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_56 2-4	258739031	EPA 8260	Solid	2-Butanone (MEK)	14.2	ug/kg	1.5	UJB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_56 2-4	258739031	EPA 8260	Solid	Acetone	58.6	ug/kg	1.1	JB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_56 2-4	258739031	EPA 8260	Solid	Benzene	2.0 J	ug/kg	0.15	UJB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_56 2-4	258739031	EPA 8260	Solid	Carbon disulfide	2.7 J	ug/kg	0.27	UJB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 2-4	258739031	EPA 8260	Solid	Ethylbenzene	0.57 J	ug/kg	0.37	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_56 2-4	258739031	EPA 8260	Solid	Isopropylbenzene (Cumene)	1.5 J	ug/kg	0.34	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_56 2-4	258739031	EPA 8260	Solid	Naphthalene	15.2	ug/kg	0.54	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_56 2-4	258739031	EPA 8260	Solid	Toluene	1.0 J	ug/kg	0.30	UJB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_56 2-4	258739031	EPA 8260	Solid	Xylene (Total)	0.90 J	ug/kg	0.73	UJB	Surrogate Recoveries Exceed Control Limits; Trip Blank Contamination
SUP_SL_56 2-4	258739031	EPA 8260	Solid	cis-1,2-Dichloroethene	0.57 J	ug/kg	0.20	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_56 2-4	258739031	EPA 8260	Solid	n-Propylbenzene	3.5	ug/kg	0.34	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_56 2-4	258739031	EPA 8260	Solid	o-Xylene	0.36 J	ug/kg	0.32	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_56 2-4	258739031	EPA 8260	Solid	sec-Butylbenzene	3.3	ug/kg	0.41	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SL_56 2-4	258739031	EPA 8260	Solid	tert-Butylbenzene	0.84 J	ug/kg	0.34	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_56 2-4	258739031	NWTPH-Gx	Solid	Gasoline Range Organics	14.7	mg/kg	0.23	B	Method Blank Contamination
SUP_SL_56 4-6	258739032	EPA 6010	Solid	Lead	19.9	mg/kg	0.057	B	Method Blank Contamination
SUP_SL_56 4-6	258739032	EPA 8260	Solid	2-Butanone (MEK)	7.0 J	ug/kg	1.4	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 4-6	258739032	EPA 8260	Solid	Acetone	28.9	ug/kg	1.0	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 4-6	258739032	EPA 8260	Solid	Toluene	0.44 J	ug/kg	0.28	UB	Trip Blank Contamination
SUP_SL_56 4-6	258739032	EPA 8260	Solid	n-Propylbenzene	0.63 J	ug/kg	0.32	UB	Trip Blank Contamination
SUP_SL_56 4-6	258739032	NWTPH-Gx	Solid	Gasoline Range Organics	114	mg/kg	2.4	B	Method Blank Contamination
SUP_SL_56 6-8	258739033	EPA 6010	Solid	Lead	149	mg/kg	0.070	B	Method Blank Contamination
SUP_SL_56 6-8	258739033	EPA 8260	Solid	Acetone	15.3	ug/kg	1.0	UB	Trip Blank Contamination
SUP_SL_56 6-8	258739033	EPA 8260	Solid	Benzene	0.25 J	ug/kg	0.14	UB	Trip Blank Contamination
SUP_SL_56 6-8	258739033	EPA 8260	Solid	Carbon disulfide	1.9 J	ug/kg	0.27	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 6-8	258739033	EPA 8260	Solid	Naphthalene	0.59 J	ug/kg	0.52	UB	Method Blank Contamination
SUP_SL_56 6-8	258739033	NWTPH-Gx	Solid	Gasoline Range Organics	1.0 J	mg/kg	0.24	UB	Method Blank Contamination
SUP_SL_56 8-10	258739034	EPA 6010	Solid	Lead	38.1	mg/kg	0.068	B	Method Blank Contamination

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258739

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_56 8-10	258739034	EPA 8260	Solid	Acetone	6.8 J	ug/kg	0.99	UB	Trip Blank Contamination
SUP_SL_56 8-10	258739034	EPA 8260	Solid	Benzene	0.21 J	ug/kg	0.13	UB	Trip Blank Contamination
SUP_SL_56 8-10	258739034	EPA 8260	Solid	Carbon disulfide	0.69 J	ug/kg	0.25	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 8-10	258739034	EPA 8260	Solid	Naphthalene	0.53 J	ug/kg	0.49	UB	Method Blank Contamination
SUP_SL_56 8-10	258739034	NWTPH-Gx	Solid	Gasoline Range Organics	1.1 J	mg/kg	0.22	UB	Method Blank Contamination
SUP_SL_56 10-12	258739035	EPA 6010	Solid	Lead	5.2	mg/kg	0.071	B	Method Blank Contamination
SUP_SL_56 10-12	258739035	EPA 8260	Solid	Acetone	32.5	ug/kg	1.5	UB	Trip Blank Contamination
SUP_SL_56 10-12	258739035	EPA 8260	Solid	Carbon disulfide	4.4	ug/kg	0.39	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 10-12	258739035	NWTPH-Gx	Solid	Gasoline Range Organics	1.1 J	mg/kg	0.34	UB	Method Blank Contamination
SUP_SL_56 12-14	258739036	EPA 6010	Solid	Lead	3.4	mg/kg	0.061	B	Method Blank Contamination
SUP_SL_56 12-14	258739036	EPA 8260	Solid	Acetone	28.3	ug/kg	1.3	UB	Trip Blank Contamination
SUP_SL_56 12-14	258739036	EPA 8260	Solid	Benzene	0.19 J	ug/kg	0.18	UB	Trip Blank Contamination
SUP_SL_56 12-14	258739036	EPA 8260	Solid	Carbon disulfide	1.4 J	ug/kg	0.33	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 12-14	258739036	EPA 8260	Solid	n-Propylbenzene	0.85 J	ug/kg	0.42	UB	Method Blank Contamination
SUP_SL_56 12-14	258739036	NWTPH-Gx	Solid	Gasoline Range Organics	0.90 J	mg/kg	0.29	UB	Method Blank Contamination
SUP_SL_56 14-16	258739037	EPA 6010	Solid	Lead	3.2	mg/kg	0.071	B	Method Blank Contamination
SUP_SL_56 14-16	258739037	EPA 8260	Solid	Acetone	23.0	ug/kg	1.3	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 14-16	258739037	EPA 8260	Solid	Benzene	0.20 J	ug/kg	0.17	UB	Trip Blank Contamination
SUP_SL_56 14-16	258739037	EPA 8260	Solid	Carbon disulfide	3.8	ug/kg	0.32	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 14-16	258739037	NWTPH-Gx	Solid	Gasoline Range Organics	1.1 J	mg/kg	0.32	UB	Method Blank Contamination
SUP_SL_56 DUP	258739038	EPA 6010	Solid	Lead	4.2	mg/kg	0.070	B	Method Blank Contamination
SUP_SL_56 DUP	258739038	EPA 8260	Solid	Acetone	14.6	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_56 DUP	258739038	EPA 8260	Solid	Benzene	0.21 J	ug/kg	0.16	UB	Trip Blank Contamination
SUP_SL_56 DUP	258739038	EPA 8260	Solid	Carbon disulfide	1.8 J	ug/kg	0.30	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_56 DUP	258739038	EPA 8260	Solid	Naphthalene	0.80 J	ug/kg	0.59	UB	Method Blank Contamination
SUP_SL_56 DUP	258739038	NWTPH-Gx	Solid	Gasoline Range Organics	1.1 J	mg/kg	0.30	UB	Method Blank Contamination

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258739

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 04, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258739

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon
Pace Project No.: 258739

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258739001	SUP_SL_49 8-10	Solid	08/04/11 12:35	08/04/11 15:00
258739002	SUP_SL_49 10-12	Solid	08/04/11 12:40	08/04/11 15:00
258739003	Trip Blank #15	Solid	08/04/11 12:45	08/04/11 15:00
258739004	SUP_SL_50 8-10	Solid	08/04/11 12:19	08/04/11 15:00
258739005	SUP_SL_50 10-12	Solid	08/04/11 12:29	08/04/11 15:00
258739006	SUP_SL_52 1-2	Solid	08/04/11 10:52	08/04/11 15:00
258739007	SUP_SL_52 2-4	Solid	08/04/11 10:55	08/04/11 15:00
258739008	SUP_SL_52 4-6	Solid	08/04/11 10:58	08/04/11 15:00
258739009	SUP_SL_52 6-8	Solid	08/04/11 11:00	08/04/11 15:00
258739010	SUP_SL_52 8-10	Solid	08/04/11 11:02	08/04/11 15:00
258739011	SUP_SL_52 10-12	Solid	08/04/11 11:05	08/04/11 15:00
258739012	SUP_SL_52 12-14	Solid	08/04/11 11:08	08/04/11 15:00
258739013	SUP_SL_52 14-16	Solid	08/04/11 11:10	08/04/11 15:00
258739014	Trip Blank #5	Solid	08/04/11 08:40	08/04/11 15:00
258739015	SUP_SL_59 8-10	Solid	08/04/11 08:30	08/04/11 15:00
258739016	SUP_SL_59 10-12	Solid	08/04/11 08:35	08/04/11 15:00
258739017	SUP_SL_54 0-1	Solid	08/04/11 10:15	08/04/11 15:00
258739018	SUP_SL_54 1-2	Solid	08/04/11 10:17	08/04/11 15:00
258739019	SUP_SL_54 2-4	Solid	08/04/11 10:21	08/04/11 15:00
258739020	SUP_SL_54 4-6	Solid	08/04/11 10:23	08/04/11 15:00
258739021	SUP_SL_54 6-8	Solid	08/04/11 10:25	08/04/11 15:00
258739022	SUP_SL_54 8-10	Solid	08/04/11 10:35	08/04/11 15:00
258739023	SUP_SL_54 10-12	Solid	08/04/11 10:37	08/04/11 15:00
258739024	SUP_SL_54 12-14	Solid	08/04/11 10:40	08/04/11 15:00
258739025	SUP_SL_54 14-16	Solid	08/04/11 10:42	08/04/11 15:00
258739026	Trip Blank #14	Solid	08/04/11 10:45	08/04/11 15:00
258739027	SUP_SL_58 8-10	Solid	08/04/11 08:45	08/04/11 15:00
258739028	SUP_SL_58 10-12	Solid	08/04/11 08:50	08/04/11 15:00
258739029	SUP_SL_56 0-1	Solid	08/04/11 09:40	08/04/11 15:00
258739030	SUP_SL_56 1-2	Solid	08/04/11 09:45	08/04/11 15:00
258739031	SUP_SL_56 2-4	Solid	08/04/11 09:50	08/04/11 15:00
258739032	SUP_SL_56 4-6	Solid	08/04/11 09:55	08/04/11 15:00
258739033	SUP_SL_56 6-8	Solid	08/04/11 09:58	08/04/11 15:00
258739034	SUP_SL_56 8-10	Solid	08/04/11 10:00	08/04/11 15:00
258739035	SUP_SL_56 10-12	Solid	08/04/11 10:03	08/04/11 15:00
258739036	SUP_SL_56 12-14	Solid	08/04/11 10:05	08/04/11 15:00
258739037	SUP_SL_56 14-16	Solid	08/04/11 10:10	08/04/11 15:00

REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 258739

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258739038	SUP_SL_56 DUP	Solid	08/04/11 10:15	08/04/11 15:00

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258739

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258739001	SUP_SL_49 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739002	SUP_SL_49 10-12	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739003	Trip Blank #15	EPA 8260	LPM	73	PASI-S
258739004	SUP_SL_50 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739005	SUP_SL_50 10-12	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739006	SUP_SL_52 1-2	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739007	SUP_SL_52 2-4	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739008	SUP_SL_52 4-6	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739009	SUP_SL_52 6-8	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258739

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258739010	SUP_SL_52 8-10	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739011	SUP_SL_52 10-12	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739012	SUP_SL_52 12-14	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739013	SUP_SL_52 14-16	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739014	Trip Blank #5	NWTPH-Gx	CC	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258739015	SUP_SL_59 8-10	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739016	SUP_SL_59 10-12	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739017	SUP_SL_54 0-1	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258739

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258739018	SUP_SL_54 1-2	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739019	SUP_SL_54 2-4	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739020	SUP_SL_54 4-6	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739021	SUP_SL_54 6-8	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739022	SUP_SL_54 8-10	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739023	SUP_SL_54 10-12	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739024	SUP_SL_54 12-14	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739025	SUP_SL_54 14-16	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258739

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739026	Trip Blank #14	NWTPH-Gx	CC	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258739027	SUP_SL_58 8-10	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739028	SUP_SL_58 10-12	NWTPH-Dx	DMT	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739029	SUP_SL_56 0-1	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739030	SUP_SL_56 1-2	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739031	SUP_SL_56 2-4	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739032	SUP_SL_56 4-6	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739033	SUP_SL_56 6-8	NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258739

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258739034	SUP_SL_56 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
258739035	SUP_SL_56 10-12	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
258739036	SUP_SL_56 12-14	ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	DMT	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258739037	SUP_SL_56 14-16	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
258739038	SUP_SL_56 DUP	NWTPH-Gx	CC	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_49 8-10 **Lab ID: 258739001** Collected: 08/04/11 12:35 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	256	mg/kg	11.5	1.7	5	08/14/11 16:40	08/23/11 17:33	7440-38-2	
Cadmium	1.6J	mg/kg	5.8	0.063	5	08/14/11 16:40	08/23/11 17:33	7440-43-9	D3
Lead	21.3	mg/kg	1.2	0.072	1	08/14/11 16:40	08/23/11 20:23	7439-92-1	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	521	165	1	08/10/11 11:45	08/16/11 14:27	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	70	%	26-135		1	08/10/11 11:45	08/16/11 14:27	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	0.21	1		08/12/11 21:36	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.4	0.27	1		08/12/11 21:36	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	0.40	1		08/12/11 21:36	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.4	0.40	1		08/12/11 21:36	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	0.58	1		08/12/11 21:36	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.4	0.34	1		08/12/11 21:36	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.4	0.54	1		08/12/11 21:36	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.4	0.51	1		08/12/11 21:36	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	0.40	1		08/12/11 21:36	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.4	0.50	1		08/12/11 21:36	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	0.35	1		08/12/11 21:36	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	0.75	1		08/12/11 21:36	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	0.57	1		08/12/11 21:36	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	0.31	1		08/12/11 21:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	0.36	1		08/12/11 21:36	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.4	0.32	1		08/12/11 21:36	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.7	0.54	1		08/12/11 21:36	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.4	0.26	1		08/12/11 21:36	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	0.46	1		08/12/11 21:36	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.4	0.28	1		08/12/11 21:36	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.4	0.40	1		08/12/11 21:36	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.4	0.35	1		08/12/11 21:36	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.4	0.27	1		08/12/11 21:36	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.5	2.2	1		08/12/11 21:36	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.4	0.46	1		08/12/11 21:36	95-49-8	
2-Hexanone	ND	ug/kg	14.5	0.52	1		08/12/11 21:36	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.4	0.39	1		08/12/11 21:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.5	0.44	1		08/12/11 21:36	108-10-1	
Acetone	20.6	ug/kg	14.5	1.6	1		08/12/11 21:36	67-64-1	1n
Benzene	ND	ug/kg	4.4	0.22	1		08/12/11 21:36	71-43-2	
Bromobenzene	ND	ug/kg	4.4	0.34	1		08/12/11 21:36	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	0.32	1		08/12/11 21:36	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	0.17	1		08/12/11 21:36	75-27-4	
Bromoform	ND	ug/kg	4.4	0.34	1		08/12/11 21:36	75-25-2	
Bromomethane	ND	ug/kg	4.4	0.46	1		08/12/11 21:36	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_49 8-10 Lab ID: 258739001 Collected: 08/04/11 12:35 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.1J	ug/kg	4.4	0.40	1		08/12/11 21:36	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.4	0.26	1		08/12/11 21:36	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	0.27	1		08/12/11 21:36	108-90-7	
Chloroethane	ND	ug/kg	4.4	0.42	1		08/12/11 21:36	75-00-3	
Chloroform	ND	ug/kg	4.4	0.28	1		08/12/11 21:36	67-66-3	
Chloromethane	ND	ug/kg	4.4	0.30	1		08/12/11 21:36	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	0.15	1		08/12/11 21:36	124-48-1	
Dibromomethane	ND	ug/kg	4.4	0.30	1		08/12/11 21:36	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.4	0.60	1		08/12/11 21:36	75-71-8	
Ethylbenzene	ND	ug/kg	4.4	0.55	1		08/12/11 21:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	0.43	1		08/12/11 21:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	0.50	1		08/12/11 21:36	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	0.36	1		08/12/11 21:36	1634-04-4	
Methylene chloride	17.9	ug/kg	14.5	3.8	1		08/12/11 21:36	75-09-2	B
Naphthalene	2.1J	ug/kg	4.4	0.80	1		08/12/11 21:36	91-20-3	
Styrene	ND	ug/kg	4.4	0.42	1		08/12/11 21:36	100-42-5	
Tetrachloroethene	ND	ug/kg	4.4	0.55	1		08/12/11 21:36	127-18-4	
Toluene	ND	ug/kg	4.4	0.45	1		08/12/11 21:36	108-88-3	
Trichloroethene	ND	ug/kg	4.4	0.30	1		08/12/11 21:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	0.33	1		08/12/11 21:36	75-69-4	
Vinyl chloride	ND	ug/kg	4.4	0.41	1		08/12/11 21:36	75-01-4	
Xylene (Total)	ND	ug/kg	13.1	1.1	1		08/12/11 21:36	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	0.30	1		08/12/11 21:36	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	0.19	1		08/12/11 21:36	10061-01-5	
m&p-Xylene	ND	ug/kg	8.7	1.1	1		08/12/11 21:36	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.4	0.66	1		08/12/11 21:36	104-51-8	
n-Propylbenzene	1.1J	ug/kg	4.4	0.51	1		08/12/11 21:36	103-65-1	B
o-Xylene	ND	ug/kg	4.4	0.47	1		08/12/11 21:36	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.4	0.56	1		08/12/11 21:36	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.4	0.61	1		08/12/11 21:36	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.4	0.38	1		08/12/11 21:36	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.4	0.50	1		08/12/11 21:36	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	0.43	1		08/12/11 21:36	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	0.31	1		08/12/11 21:36	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	72-129		1		08/12/11 21:36	1868-53-7	
Toluene-d8 (S)	98	%	69-133		1		08/12/11 21:36	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67-142		1		08/12/11 21:36	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	67-136		1		08/12/11 21:36	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.9	%	0.10	0.10	1		08/08/11 16:47		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_49 10-12 Lab ID: 258739002 Collected: 08/04/11 12:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	19.3	mg/kg	10.4	1.5	5	08/14/11 16:40	08/23/11 17:43	7440-38-2	
Cadmium	ND	mg/kg	5.2	0.057	5	08/14/11 16:40	08/23/11 17:43	7440-43-9	D3
Lead	4.0	mg/kg	1.0	0.065	1	08/14/11 16:40	08/23/11 20:34	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	480	152	1	08/10/11 11:45	08/16/11 14:50	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	57	%	26-135		1	08/10/11 11:45	08/16/11 14:50	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	0.21	1		08/12/11 21:56	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.2	0.26	1		08/12/11 21:56	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	0.39	1		08/12/11 21:56	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.2	0.39	1		08/12/11 21:56	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	0.57	1		08/12/11 21:56	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.2	0.33	1		08/12/11 21:56	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.2	0.52	1		08/12/11 21:56	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.2	0.49	1		08/12/11 21:56	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	0.39	1		08/12/11 21:56	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.2	0.48	1		08/12/11 21:56	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	0.34	1		08/12/11 21:56	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	0.73	1		08/12/11 21:56	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	0.55	1		08/12/11 21:56	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	0.30	1		08/12/11 21:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	0.35	1		08/12/11 21:56	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.2	0.31	1		08/12/11 21:56	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.5	0.52	1		08/12/11 21:56	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.2	0.26	1		08/12/11 21:56	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	0.45	1		08/12/11 21:56	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.2	0.27	1		08/12/11 21:56	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.2	0.39	1		08/12/11 21:56	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.2	0.34	1		08/12/11 21:56	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.2	0.26	1		08/12/11 21:56	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.1	2.1	1		08/12/11 21:56	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.2	0.44	1		08/12/11 21:56	95-49-8	
2-Hexanone	ND	ug/kg	14.1	0.51	1		08/12/11 21:56	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.2	0.38	1		08/12/11 21:56	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.1	0.43	1		08/12/11 21:56	108-10-1	
Acetone	56.3	ug/kg	14.1	1.6	1		08/12/11 21:56	67-64-1	1n
Benzene	0.39J	ug/kg	4.2	0.21	1		08/12/11 21:56	71-43-2	
Bromobenzene	ND	ug/kg	4.2	0.33	1		08/12/11 21:56	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	0.31	1		08/12/11 21:56	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	0.17	1		08/12/11 21:56	75-27-4	
Bromoform	ND	ug/kg	4.2	0.33	1		08/12/11 21:56	75-25-2	
Bromomethane	ND	ug/kg	4.2	0.45	1		08/12/11 21:56	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_49 10-12 **Lab ID: 258739002** Collected: 08/04/11 12:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	10.3	ug/kg	4.2	0.39	1		08/12/11 21:56	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.2	0.26	1		08/12/11 21:56	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	0.26	1		08/12/11 21:56	108-90-7	
Chloroethane	ND	ug/kg	4.2	0.41	1		08/12/11 21:56	75-00-3	
Chloroform	ND	ug/kg	4.2	0.27	1		08/12/11 21:56	67-66-3	
Chloromethane	ND	ug/kg	4.2	0.29	1		08/12/11 21:56	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	0.14	1		08/12/11 21:56	124-48-1	
Dibromomethane	ND	ug/kg	4.2	0.29	1		08/12/11 21:56	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.2	0.59	1		08/12/11 21:56	75-71-8	
Ethylbenzene	ND	ug/kg	4.2	0.54	1		08/12/11 21:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	0.42	1		08/12/11 21:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	0.49	1		08/12/11 21:56	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	0.35	1		08/12/11 21:56	1634-04-4	
Methylene chloride	ND	ug/kg	14.1	3.7	1		08/12/11 21:56	75-09-2	
Naphthalene	0.78J	ug/kg	4.2	0.77	1		08/12/11 21:56	91-20-3	
Styrene	ND	ug/kg	4.2	0.41	1		08/12/11 21:56	100-42-5	
Tetrachloroethene	ND	ug/kg	4.2	0.54	1		08/12/11 21:56	127-18-4	
Toluene	0.74J	ug/kg	4.2	0.44	1		08/12/11 21:56	108-88-3	
Trichloroethene	ND	ug/kg	4.2	0.30	1		08/12/11 21:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	0.32	1		08/12/11 21:56	75-69-4	
Vinyl chloride	ND	ug/kg	4.2	0.40	1		08/12/11 21:56	75-01-4	
Xylene (Total)	ND	ug/kg	12.7	1.1	1		08/12/11 21:56	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	0.29	1		08/12/11 21:56	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	0.18	1		08/12/11 21:56	10061-01-5	
m&p-Xylene	ND	ug/kg	8.5	1.1	1		08/12/11 21:56	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.2	0.65	1		08/12/11 21:56	104-51-8	
n-Propylbenzene	ND	ug/kg	4.2	0.50	1		08/12/11 21:56	103-65-1	
o-Xylene	ND	ug/kg	4.2	0.46	1		08/12/11 21:56	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.2	0.54	1		08/12/11 21:56	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.2	0.59	1		08/12/11 21:56	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.2	0.37	1		08/12/11 21:56	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.2	0.49	1		08/12/11 21:56	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	0.42	1		08/12/11 21:56	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	0.30	1		08/12/11 21:56	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		72-129		1		08/12/11 21:56	1868-53-7	
Toluene-d8 (S)	102 %		69-133		1		08/12/11 21:56	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/12/11 21:56	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		67-136		1		08/12/11 21:56	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	32.7	%	0.10	0.10	1		08/08/11 16:48		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: Trip Blank #15 **Lab ID: 258739003** Collected: 08/04/11 12:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/12/11 22:17	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/12/11 22:17	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 22:17	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/12/11 22:17	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/12/11 22:17	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/12/11 22:17	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/12/11 22:17	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/12/11 22:17	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/12/11 22:17	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/12/11 22:17	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 22:17	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/12/11 22:17	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/12/11 22:17	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/12/11 22:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/12/11 22:17	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/12/11 22:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/12/11 22:17	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/12/11 22:17	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/12/11 22:17	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/12/11 22:17	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/12/11 22:17	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/12/11 22:17	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/12/11 22:17	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/12/11 22:17	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/12/11 22:17	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/12/11 22:17	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/12/11 22:17	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/12/11 22:17	108-10-1	
Acetone	ND	ug/kg	10.0	1.1	1		08/12/11 22:17	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		08/12/11 22:17	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/12/11 22:17	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/12/11 22:17	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/12/11 22:17	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/12/11 22:17	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/12/11 22:17	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		08/12/11 22:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/12/11 22:17	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/12/11 22:17	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/12/11 22:17	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/12/11 22:17	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/12/11 22:17	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/12/11 22:17	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/12/11 22:17	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/12/11 22:17	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/12/11 22:17	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: Trip Blank #15 **Lab ID: 258739003** Collected: 08/04/11 12:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/12/11 22:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/12/11 22:17	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/12/11 22:17	1634-04-4	
Methylene chloride	4.1J	ug/kg	10.0	2.6	1		08/12/11 22:17	75-09-2	B
Naphthalene	ND	ug/kg	3.0	0.55	1		08/12/11 22:17	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/12/11 22:17	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/12/11 22:17	127-18-4	
Toluene	0.46J	ug/kg	3.0	0.31	1		08/12/11 22:17	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 22:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/12/11 22:17	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/12/11 22:17	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/12/11 22:17	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/12/11 22:17	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/12/11 22:17	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/12/11 22:17	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/12/11 22:17	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/12/11 22:17	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/12/11 22:17	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/12/11 22:17	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/12/11 22:17	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/12/11 22:17	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/12/11 22:17	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/12/11 22:17	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/12/11 22:17	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		72-129		1		08/12/11 22:17	1868-53-7	
Toluene-d8 (S)	100 %		69-133		1		08/12/11 22:17	2037-26-5	
4-Bromofluorobenzene (S)	94 %		67-142		1		08/12/11 22:17	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/12/11 22:17	17060-07-0	

Sample: SUP_SL_50 8-10 **Lab ID: 258739004** Collected: 08/04/11 12:19 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	342	mg/kg	12.3	1.8	5	08/14/11 16:40	08/23/11 17:46	7440-38-2	
Cadmium	1.4J	mg/kg	6.1	0.068	5	08/14/11 16:40	08/23/11 17:46	7440-43-9	D3
Lead	86.4	mg/kg	1.2	0.077	1	08/14/11 16:40	08/23/11 20:38	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	513	163	1	08/10/11 11:45	08/16/11 15:13	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	65 %		26-135		1	08/10/11 11:45	08/16/11 15:13	118-79-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_50 8-10 Lab ID: 258739004 Collected: 08/04/11 12:19 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7	0.18	1		08/12/11 22:38	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.7	0.23	1		08/12/11 22:38	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	0.34	1		08/12/11 22:38	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.7	0.35	1		08/12/11 22:38	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	0.50	1		08/12/11 22:38	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.7	0.29	1		08/12/11 22:38	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.7	0.46	1		08/12/11 22:38	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.7	0.43	1		08/12/11 22:38	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.7	0.34	1		08/12/11 22:38	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.7	0.42	1		08/12/11 22:38	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	0.30	1		08/12/11 22:38	120-82-1	
1,2,4-Trimethylbenzene	0.91J	ug/kg	3.7	0.64	1		08/12/11 22:38	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	0.48	1		08/12/11 22:38	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	0.26	1		08/12/11 22:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.7	0.31	1		08/12/11 22:38	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.7	0.27	1		08/12/11 22:38	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.4	0.46	1		08/12/11 22:38	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.7	0.22	1		08/12/11 22:38	78-87-5	
1,3,5-Trimethylbenzene	0.53J	ug/kg	3.7	0.40	1		08/12/11 22:38	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.7	0.24	1		08/12/11 22:38	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.7	0.34	1		08/12/11 22:38	142-28-9	
1,4-Dichlorobenzene	0.63J	ug/kg	3.7	0.30	1		08/12/11 22:38	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.7	0.23	1		08/12/11 22:38	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.4	1.9	1		08/12/11 22:38	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.7	0.39	1		08/12/11 22:38	95-49-8	
2-Hexanone	ND	ug/kg	12.4	0.45	1		08/12/11 22:38	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.7	0.33	1		08/12/11 22:38	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.4	0.38	1		08/12/11 22:38	108-10-1	
Acetone	16.4	ug/kg	12.4	1.4	1		08/12/11 22:38	67-64-1	1n
Benzene	0.42J	ug/kg	3.7	0.19	1		08/12/11 22:38	71-43-2	
Bromobenzene	ND	ug/kg	3.7	0.29	1		08/12/11 22:38	108-86-1	
Bromochloromethane	ND	ug/kg	3.7	0.27	1		08/12/11 22:38	74-97-5	
Bromodichloromethane	ND	ug/kg	3.7	0.15	1		08/12/11 22:38	75-27-4	
Bromoform	ND	ug/kg	3.7	0.29	1		08/12/11 22:38	75-25-2	
Bromomethane	ND	ug/kg	3.7	0.39	1		08/12/11 22:38	74-83-9	
Carbon disulfide	5.9	ug/kg	3.7	0.35	1		08/12/11 22:38	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.7	0.22	1		08/12/11 22:38	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	0.23	1		08/12/11 22:38	108-90-7	
Chloroethane	ND	ug/kg	3.7	0.36	1		08/12/11 22:38	75-00-3	
Chloroform	ND	ug/kg	3.7	0.24	1		08/12/11 22:38	67-66-3	
Chloromethane	ND	ug/kg	3.7	0.26	1		08/12/11 22:38	74-87-3	
Dibromochloromethane	ND	ug/kg	3.7	0.12	1		08/12/11 22:38	124-48-1	
Dibromomethane	ND	ug/kg	3.7	0.26	1		08/12/11 22:38	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.7	0.52	1		08/12/11 22:38	75-71-8	
Ethylbenzene	ND	ug/kg	3.7	0.47	1		08/12/11 22:38	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_50 8-10 **Lab ID:** 258739004 Collected: 08/04/11 12:19 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.7	0.37	1		08/12/11 22:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	0.43	1		08/12/11 22:38	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.7	0.31	1		08/12/11 22:38	1634-04-4	
Methylene chloride	ND	ug/kg	12.4	3.3	1		08/12/11 22:38	75-09-2	
Naphthalene	1.5J	ug/kg	3.7	0.68	1		08/12/11 22:38	91-20-3	
Styrene	ND	ug/kg	3.7	0.36	1		08/12/11 22:38	100-42-5	
Tetrachloroethene	ND	ug/kg	3.7	0.47	1		08/12/11 22:38	127-18-4	
Toluene	ND	ug/kg	3.7	0.38	1		08/12/11 22:38	108-88-3	
Trichloroethene	ND	ug/kg	3.7	0.26	1		08/12/11 22:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	0.28	1		08/12/11 22:38	75-69-4	
Vinyl chloride	ND	ug/kg	3.7	0.35	1		08/12/11 22:38	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	0.93	1		08/12/11 22:38	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.7	0.26	1		08/12/11 22:38	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	0.16	1		08/12/11 22:38	10061-01-5	
m&p-Xylene	ND	ug/kg	7.4	0.93	1		08/12/11 22:38	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.7	0.57	1		08/12/11 22:38	104-51-8	
n-Propylbenzene	ND	ug/kg	3.7	0.44	1		08/12/11 22:38	103-65-1	
o-Xylene	ND	ug/kg	3.7	0.40	1		08/12/11 22:38	95-47-6	
p-Isopropyltoluene	1.1J	ug/kg	3.7	0.48	1		08/12/11 22:38	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.7	0.52	1		08/12/11 22:38	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.7	0.32	1		08/12/11 22:38	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.7	0.43	1		08/12/11 22:38	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	0.37	1		08/12/11 22:38	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	0.26	1		08/12/11 22:38	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	72-129		1		08/12/11 22:38	1868-53-7	
Toluene-d8 (S)	100	%	69-133		1		08/12/11 22:38	2037-26-5	
4-Bromofluorobenzene (S)	111	%	67-142		1		08/12/11 22:38	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	67-136		1		08/12/11 22:38	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **36.5** % 0.10 0.10 1 08/08/11 16:49

Sample: SUP_SL_50 10-12 **Lab ID:** 258739005 Collected: 08/04/11 12:29 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	37.3	mg/kg	10.4	1.6	5	08/14/11 16:40	08/23/11 17:50	7440-38-2	
Cadmium	0.37J	mg/kg	5.2	0.057	5	08/14/11 16:40	08/23/11 17:50	7440-43-9	D3
Lead	10.3	mg/kg	1.0	0.066	1	08/14/11 16:40	08/23/11 20:42	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_50 10-12 **Lab ID:** 258739005 Collected: 08/04/11 12:29 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	476	151	1	08/10/11 11:45	08/16/11 15:36	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	58	%	26-135		1	08/10/11 11:45	08/16/11 15:36	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	0.20	1		08/12/11 22:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.2	0.26	1		08/12/11 22:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	0.39	1		08/12/11 22:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.2	0.39	1		08/12/11 22:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	0.56	1		08/12/11 22:58	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.2	0.33	1		08/12/11 22:58	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.2	0.52	1		08/12/11 22:58	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.2	0.49	1		08/12/11 22:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	0.39	1		08/12/11 22:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.2	0.48	1		08/12/11 22:58	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	0.34	1		08/12/11 22:58	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	0.72	1		08/12/11 22:58	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	0.54	1		08/12/11 22:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	0.29	1		08/12/11 22:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	0.34	1		08/12/11 22:58	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.2	0.31	1		08/12/11 22:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.4	0.52	1		08/12/11 22:58	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.2	0.25	1		08/12/11 22:58	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	0.45	1		08/12/11 22:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.2	0.27	1		08/12/11 22:58	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.2	0.39	1		08/12/11 22:58	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.2	0.34	1		08/12/11 22:58	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.2	0.26	1		08/12/11 22:58	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.0	2.1	1		08/12/11 22:58	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.2	0.44	1		08/12/11 22:58	95-49-8	
2-Hexanone	ND	ug/kg	14.0	0.50	1		08/12/11 22:58	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.2	0.37	1		08/12/11 22:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.0	0.43	1		08/12/11 22:58	108-10-1	
Acetone	24.0	ug/kg	14.0	1.5	1		08/12/11 22:58	67-64-1	1n
Benzene	ND	ug/kg	4.2	0.21	1		08/12/11 22:58	71-43-2	
Bromobenzene	ND	ug/kg	4.2	0.33	1		08/12/11 22:58	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	0.31	1		08/12/11 22:58	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	0.16	1		08/12/11 22:58	75-27-4	
Bromoform	ND	ug/kg	4.2	0.32	1		08/12/11 22:58	75-25-2	
Bromomethane	ND	ug/kg	4.2	0.44	1		08/12/11 22:58	74-83-9	
Carbon disulfide	5.5	ug/kg	4.2	0.39	1		08/12/11 22:58	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.2	0.25	1		08/12/11 22:58	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	0.26	1		08/12/11 22:58	108-90-7	
Chloroethane	ND	ug/kg	4.2	0.40	1		08/12/11 22:58	75-00-3	
Chloroform	ND	ug/kg	4.2	0.27	1		08/12/11 22:58	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_50 10-12 **Lab ID: 258739005** Collected: 08/04/11 12:29 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	4.2	0.29	1		08/12/11 22:58	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	0.14	1		08/12/11 22:58	124-48-1	
Dibromomethane	ND	ug/kg	4.2	0.29	1		08/12/11 22:58	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.2	0.58	1		08/12/11 22:58	75-71-8	
Ethylbenzene	ND	ug/kg	4.2	0.53	1		08/12/11 22:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	0.42	1		08/12/11 22:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	0.48	1		08/12/11 22:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	0.35	1		08/12/11 22:58	1634-04-4	
Methylene chloride	ND	ug/kg	14.0	3.7	1		08/12/11 22:58	75-09-2	
Naphthalene	ND	ug/kg	4.2	0.77	1		08/12/11 22:58	91-20-3	
Styrene	ND	ug/kg	4.2	0.40	1		08/12/11 22:58	100-42-5	
Tetrachloroethene	ND	ug/kg	4.2	0.53	1		08/12/11 22:58	127-18-4	
Toluene	ND	ug/kg	4.2	0.43	1		08/12/11 22:58	108-88-3	
Trichloroethene	ND	ug/kg	4.2	0.29	1		08/12/11 22:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	0.32	1		08/12/11 22:58	75-69-4	
Vinyl chloride	ND	ug/kg	4.2	0.39	1		08/12/11 22:58	75-01-4	
Xylene (Total)	ND	ug/kg	12.6	1.0	1		08/12/11 22:58	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	0.29	1		08/12/11 22:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	0.18	1		08/12/11 22:58	10061-01-5	
m&p-Xylene	ND	ug/kg	8.4	1.0	1		08/12/11 22:58	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.2	0.64	1		08/12/11 22:58	104-51-8	
n-Propylbenzene	ND	ug/kg	4.2	0.49	1		08/12/11 22:58	103-65-1	
o-Xylene	ND	ug/kg	4.2	0.46	1		08/12/11 22:58	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.2	0.54	1		08/12/11 22:58	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.2	0.58	1		08/12/11 22:58	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.2	0.36	1		08/12/11 22:58	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.2	0.48	1		08/12/11 22:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	0.42	1		08/12/11 22:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	0.29	1		08/12/11 22:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104 %		72-129		1		08/12/11 22:58	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/12/11 22:58	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/12/11 22:58	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/12/11 22:58	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	31.5 %		0.10	0.10	1		08/08/11 16:49		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_52 1-2 Lab ID: 258739006 Collected: 08/04/11 10:52 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	17.1J	mg/kg	19.9	10	1	08/11/11 16:50	08/17/11 00:13		
Motor Oil Range SG	69.3J	mg/kg	79.6	39.8	1	08/11/11 16:50	08/17/11 00:13	64742-65-0	
Surrogates									
n-Octacosane (S) SG	104	%	50-150		1	08/11/11 16:50	08/17/11 00:13	630-02-4	
o-Terphenyl (S) SG	90	%	50-150		1	08/11/11 16:50	08/17/11 00:13	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.97J	mg/kg	7.2	0.29	1	08/12/11 12:00	08/12/11 17:03		
Surrogates									
a,a,a-Trifluorotoluene (S)	94	%	50-150		1	08/12/11 12:00	08/12/11 17:03	98-08-8	
4-Bromofluorobenzene (S)	68	%	50-150		1	08/12/11 12:00	08/12/11 17:03	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2.6	mg/kg	1.9	0.28	1	08/14/11 16:40	08/23/11 20:45	7440-38-2	
Cadmium	0.073J	mg/kg	0.94	0.010	1	08/14/11 16:40	08/23/11 20:45	7440-43-9	
Lead	24.4	mg/kg	18.7	1.2	20	08/14/11 16:40	08/24/11 17:02	7439-92-1	D3
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	0.20	1		08/18/11 16:59	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.0	0.25	1		08/18/11 16:59	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	0.37	1		08/18/11 16:59	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.0	0.37	1		08/18/11 16:59	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.0	0.54	1		08/18/11 16:59	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.0	0.32	1		08/18/11 16:59	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.0	0.50	1		08/18/11 16:59	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.0	0.47	1		08/18/11 16:59	563-58-6	
1,2,3-Trichlorobenzene	0.46J	ug/kg	4.0	0.37	1		08/18/11 16:59	87-61-6	B
1,2,3-Trichloropropane	ND	ug/kg	4.0	0.46	1		08/18/11 16:59	96-18-4	
1,2,4-Trichlorobenzene	0.41J	ug/kg	4.0	0.33	1		08/18/11 16:59	120-82-1	B
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	0.69	1		08/18/11 16:59	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.7	0.52	1		08/18/11 16:59	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	0.28	1		08/18/11 16:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.0	0.33	1		08/18/11 16:59	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.0	0.30	1		08/18/11 16:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.0	0.50	1		08/18/11 16:59	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.0	0.24	1		08/18/11 16:59	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	0.43	1		08/18/11 16:59	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.0	0.25	1		08/18/11 16:59	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.0	0.37	1		08/18/11 16:59	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.0	0.32	1		08/18/11 16:59	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.0	0.25	1		08/18/11 16:59	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.4	2.0	1		08/18/11 16:59	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.0	0.42	1		08/18/11 16:59	95-49-8	
2-Hexanone	ND	ug/kg	13.4	0.48	1		08/18/11 16:59	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.0	0.36	1		08/18/11 16:59	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 1-2 Lab ID: 258739006 Collected: 08/04/11 10:52 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.4	0.41	1		08/18/11 16:59	108-10-1	
Acetone	17.7	ug/kg	13.4	1.5	1		08/18/11 16:59	67-64-1	1n,B
Benzene	ND	ug/kg	4.0	0.20	1		08/18/11 16:59	71-43-2	
Bromobenzene	ND	ug/kg	4.0	0.31	1		08/18/11 16:59	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	0.30	1		08/18/11 16:59	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	0.16	1		08/18/11 16:59	75-27-4	
Bromoform	ND	ug/kg	4.0	0.31	1		08/18/11 16:59	75-25-2	
Bromomethane	ND	ug/kg	4.0	0.43	1		08/18/11 16:59	74-83-9	
Carbon disulfide	ND	ug/kg	4.0	0.37	1		08/18/11 16:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	0.24	1		08/18/11 16:59	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	0.25	1		08/18/11 16:59	108-90-7	
Chloroethane	ND	ug/kg	4.0	0.39	1		08/18/11 16:59	75-00-3	
Chloroform	ND	ug/kg	4.0	0.26	1		08/18/11 16:59	67-66-3	
Chloromethane	ND	ug/kg	4.0	0.28	1		08/18/11 16:59	74-87-3	
Dibromochloromethane	ND	ug/kg	4.0	0.13	1		08/18/11 16:59	124-48-1	
Dibromomethane	ND	ug/kg	4.0	0.28	1		08/18/11 16:59	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.0	0.56	1		08/18/11 16:59	75-71-8	
Ethylbenzene	ND	ug/kg	4.0	0.51	1		08/18/11 16:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	0.40	1		08/18/11 16:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	0.46	1		08/18/11 16:59	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.0	0.33	1		08/18/11 16:59	1634-04-4	
Methylene chloride	28.5	ug/kg	13.4	3.5	1		08/18/11 16:59	75-09-2	B
Naphthalene	1.0J	ug/kg	4.0	0.73	1		08/18/11 16:59	91-20-3	B
Styrene	ND	ug/kg	4.0	0.39	1		08/18/11 16:59	100-42-5	
Tetrachloroethene	ND	ug/kg	4.0	0.51	1		08/18/11 16:59	127-18-4	
Toluene	ND	ug/kg	4.0	0.41	1		08/18/11 16:59	108-88-3	
Trichloroethene	ND	ug/kg	4.0	0.28	1		08/18/11 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	0.31	1		08/18/11 16:59	75-69-4	
Vinyl chloride	ND	ug/kg	4.0	0.38	1		08/18/11 16:59	75-01-4	
Xylene (Total)	ND	ug/kg	12.1	1.0	1		08/18/11 16:59	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.0	0.28	1		08/18/11 16:59	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	0.17	1		08/18/11 16:59	10061-01-5	
m&p-Xylene	ND	ug/kg	8.0	1.0	1		08/18/11 16:59	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.0	0.61	1		08/18/11 16:59	104-51-8	
n-Propylbenzene	ND	ug/kg	4.0	0.47	1		08/18/11 16:59	103-65-1	
o-Xylene	ND	ug/kg	4.0	0.44	1		08/18/11 16:59	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.0	0.52	1		08/18/11 16:59	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.0	0.56	1		08/18/11 16:59	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.0	0.35	1		08/18/11 16:59	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.0	0.46	1		08/18/11 16:59	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	0.40	1		08/18/11 16:59	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	0.28	1		08/18/11 16:59	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	14 %		72-129		1		08/18/11 16:59	1868-53-7	S5
Toluene-d8 (S)	101 %		69-133		1		08/18/11 16:59	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_52 1-2 **Lab ID: 258739006** Collected: 08/04/11 10:52 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	102 %		67-142		1		08/18/11 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		67-136		1		08/18/11 16:59	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	21.0 %		0.10	0.10	1		08/08/11 16:50		

Sample: SUP_SL_52 2-4 **Lab ID: 258739007** Collected: 08/04/11 10:55 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	49.0 mg/kg		18.5	9.2	1	08/11/11 16:50	08/17/11 01:00		
Motor Oil Range SG	39.4J mg/kg		73.8	36.9	1	08/11/11 16:50	08/17/11 01:00	64742-65-0	
Surrogates									
n-Octacosane (S) SG	107 %		50-150		1	08/11/11 16:50	08/17/11 01:00	630-02-4	
o-Terphenyl (S) SG	93 %		50-150		1	08/11/11 16:50	08/17/11 01:00	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.90J mg/kg		7.7	0.31	1	08/12/11 12:00	08/12/11 17:26		
Surrogates									
a,a,a-Trifluorotoluene (S)	104 %		50-150		1	08/12/11 12:00	08/12/11 17:26	98-08-8	
4-Bromofluorobenzene (S)	77 %		50-150		1	08/12/11 12:00	08/12/11 17:26	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	ND mg/kg		8.4	1.2	5	08/14/11 16:40	08/23/11 17:57	7440-38-2	
Cadmium	0.095J mg/kg		4.2	0.046	5	08/14/11 16:40	08/23/11 17:57	7440-43-9	D3
Lead	16.3J mg/kg		16.8	1.1	20	08/14/11 16:40	08/24/11 17:06	7439-92-1	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		4.0	0.20	1		08/18/11 17:19	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		4.0	0.25	1		08/18/11 17:19	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.0	0.37	1		08/18/11 17:19	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		4.0	0.37	1		08/18/11 17:19	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		4.0	0.54	1		08/18/11 17:19	76-13-1	
1,1-Dichloroethane	ND ug/kg		4.0	0.32	1		08/18/11 17:19	75-34-3	
1,1-Dichloroethene	ND ug/kg		4.0	0.50	1		08/18/11 17:19	75-35-4	
1,1-Dichloropropene	ND ug/kg		4.0	0.47	1		08/18/11 17:19	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		4.0	0.37	1		08/18/11 17:19	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		4.0	0.46	1		08/18/11 17:19	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		4.0	0.33	1		08/18/11 17:19	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		4.0	0.69	1		08/18/11 17:19	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 2-4 Lab ID: 258739007 Collected: 08/04/11 10:55 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.7	0.52	1		08/18/11 17:19	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	0.28	1		08/18/11 17:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.0	0.33	1		08/18/11 17:19	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.0	0.30	1		08/18/11 17:19	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.0	0.50	1		08/18/11 17:19	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.0	0.24	1		08/18/11 17:19	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	0.43	1		08/18/11 17:19	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.0	0.25	1		08/18/11 17:19	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.0	0.37	1		08/18/11 17:19	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.0	0.32	1		08/18/11 17:19	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.0	0.25	1		08/18/11 17:19	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.4	2.0	1		08/18/11 17:19	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.0	0.42	1		08/18/11 17:19	95-49-8	
2-Hexanone	ND	ug/kg	13.4	0.48	1		08/18/11 17:19	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.0	0.36	1		08/18/11 17:19	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.4	0.41	1		08/18/11 17:19	108-10-1	
Acetone	11.4J	ug/kg	13.4	1.5	1		08/18/11 17:19	67-64-1	B
Benzene	1.5J	ug/kg	4.0	0.20	1		08/18/11 17:19	71-43-2	
Bromobenzene	ND	ug/kg	4.0	0.31	1		08/18/11 17:19	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	0.30	1		08/18/11 17:19	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	0.16	1		08/18/11 17:19	75-27-4	
Bromoform	ND	ug/kg	4.0	0.31	1		08/18/11 17:19	75-25-2	
Bromomethane	ND	ug/kg	4.0	0.43	1		08/18/11 17:19	74-83-9	
Carbon disulfide	1.0J	ug/kg	4.0	0.37	1		08/18/11 17:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	0.24	1		08/18/11 17:19	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	0.25	1		08/18/11 17:19	108-90-7	
Chloroethane	ND	ug/kg	4.0	0.39	1		08/18/11 17:19	75-00-3	
Chloroform	ND	ug/kg	4.0	0.26	1		08/18/11 17:19	67-66-3	
Chloromethane	ND	ug/kg	4.0	0.28	1		08/18/11 17:19	74-87-3	
Dibromochloromethane	ND	ug/kg	4.0	0.13	1		08/18/11 17:19	124-48-1	
Dibromomethane	ND	ug/kg	4.0	0.28	1		08/18/11 17:19	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.0	0.56	1		08/18/11 17:19	75-71-8	
Ethylbenzene	ND	ug/kg	4.0	0.51	1		08/18/11 17:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	0.40	1		08/18/11 17:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	0.46	1		08/18/11 17:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.0	0.33	1		08/18/11 17:19	1634-04-4	
Methylene chloride	ND	ug/kg	13.4	3.5	1		08/18/11 17:19	75-09-2	
Naphthalene	0.93J	ug/kg	4.0	0.74	1		08/18/11 17:19	91-20-3	B
Styrene	ND	ug/kg	4.0	0.39	1		08/18/11 17:19	100-42-5	
Tetrachloroethene	ND	ug/kg	4.0	0.51	1		08/18/11 17:19	127-18-4	
Toluene	0.46J	ug/kg	4.0	0.41	1		08/18/11 17:19	108-88-3	
Trichloroethene	ND	ug/kg	4.0	0.28	1		08/18/11 17:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	0.31	1		08/18/11 17:19	75-69-4	
Vinyl chloride	ND	ug/kg	4.0	0.38	1		08/18/11 17:19	75-01-4	
Xylene (Total)	ND	ug/kg	12.1	1.0	1		08/18/11 17:19	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 2-4 **Lab ID:** 258739007 Collected: 08/04/11 10:55 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	4.0	0.28	1		08/18/11 17:19	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	0.17	1		08/18/11 17:19	10061-01-5	
m&p-Xylene	ND	ug/kg	8.0	1.0	1		08/18/11 17:19	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.0	0.61	1		08/18/11 17:19	104-51-8	
n-Propylbenzene	ND	ug/kg	4.0	0.47	1		08/18/11 17:19	103-65-1	
o-Xylene	ND	ug/kg	4.0	0.44	1		08/18/11 17:19	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.0	0.52	1		08/18/11 17:19	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.0	0.56	1		08/18/11 17:19	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.0	0.35	1		08/18/11 17:19	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.0	0.46	1		08/18/11 17:19	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	0.40	1		08/18/11 17:19	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	0.28	1		08/18/11 17:19	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	94 %		72-129		1		08/18/11 17:19	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/18/11 17:19	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/18/11 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/18/11 17:19	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	15.4 %		0.10	0.10	1		08/08/11 16:51		

Sample: SUP_SL_52 4-6 **Lab ID:** 258739008 Collected: 08/04/11 10:58 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	29.0	mg/kg	21.0	10.5	1	08/11/11 16:50	08/17/11 01:23		
Motor Oil Range SG	186	mg/kg	84.2	42.1	1	08/11/11 16:50	08/17/11 01:23	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103 %		50-150		1	08/11/11 16:50	08/17/11 01:23	630-02-4	
o-Terphenyl (S) SG	89 %		50-150		1	08/11/11 16:50	08/17/11 01:23	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	7.2J	mg/kg	8.1	0.32	1	08/12/11 12:00	08/12/11 19:11		
Surrogates									
a,a,a-Trifluorotoluene (S)	115 %		50-150		1	08/12/11 12:00	08/12/11 19:11	98-08-8	
4-Bromofluorobenzene (S)	90 %		50-150		1	08/12/11 12:00	08/12/11 19:11	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	6.3	mg/kg	2.1	0.32	1	08/14/11 16:40	08/23/11 21:00	7440-38-2	
Cadmium	0.17J	mg/kg	1.1	0.012	1	08/14/11 16:40	08/23/11 21:00	7440-43-9	
Lead	50.1	mg/kg	21.5	1.4	20	08/14/11 16:40	08/24/11 17:09	7439-92-1	D3

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_52 4-6 Lab ID: 258739008 Collected: 08/04/11 10:58 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		08/13/11 00:00	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		08/13/11 00:00	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.30	1		08/13/11 00:00	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.30	1		08/13/11 00:00	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.44	1		08/13/11 00:00	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		08/13/11 00:00	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.40	1		08/13/11 00:00	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.38	1		08/13/11 00:00	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.30	1		08/13/11 00:00	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.37	1		08/13/11 00:00	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		08/13/11 00:00	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.56	1		08/13/11 00:00	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		08/13/11 00:00	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		08/13/11 00:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/13/11 00:00	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.24	1		08/13/11 00:00	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.5	0.40	1		08/13/11 00:00	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/13/11 00:00	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		08/13/11 00:00	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		08/13/11 00:00	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.30	1		08/13/11 00:00	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.26	1		08/13/11 00:00	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/13/11 00:00	594-20-7	
2-Butanone (MEK)	6.0J	ug/kg	10.9	1.6	1		08/13/11 00:00	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.34	1		08/13/11 00:00	95-49-8	
2-Hexanone	ND	ug/kg	10.9	0.39	1		08/13/11 00:00	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		08/13/11 00:00	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.9	0.33	1		08/13/11 00:00	108-10-1	
Acetone	15.6	ug/kg	10.9	1.2	1		08/13/11 00:00	67-64-1	1n
Benzene	2.6J	ug/kg	3.3	0.16	1		08/13/11 00:00	71-43-2	
Bromobenzene	ND	ug/kg	3.3	0.26	1		08/13/11 00:00	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		08/13/11 00:00	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		08/13/11 00:00	75-27-4	
Bromoform	ND	ug/kg	3.3	0.25	1		08/13/11 00:00	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		08/13/11 00:00	74-83-9	
Carbon disulfide	2.6J	ug/kg	3.3	0.30	1		08/13/11 00:00	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		08/13/11 00:00	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		08/13/11 00:00	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		08/13/11 00:00	75-00-3	
Chloroform	ND	ug/kg	3.3	0.21	1		08/13/11 00:00	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.22	1		08/13/11 00:00	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		08/13/11 00:00	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		08/13/11 00:00	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.45	1		08/13/11 00:00	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.41	1		08/13/11 00:00	100-41-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_52 4-6 Lab ID: 258739008 Collected: 08/04/11 10:58 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.32	1		08/13/11 00:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		08/13/11 00:00	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.27	1		08/13/11 00:00	1634-04-4	
Methylene chloride	ND	ug/kg	10.9	2.9	1		08/13/11 00:00	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.60	1		08/13/11 00:00	91-20-3	
Styrene	ND	ug/kg	3.3	0.31	1		08/13/11 00:00	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		08/13/11 00:00	127-18-4	
Toluene	0.56J	ug/kg	3.3	0.34	1		08/13/11 00:00	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		08/13/11 00:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		08/13/11 00:00	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		08/13/11 00:00	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	0.82	1		08/13/11 00:00	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		08/13/11 00:00	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		08/13/11 00:00	10061-01-5	
m&p-Xylene	ND	ug/kg	6.5	0.82	1		08/13/11 00:00	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.50	1		08/13/11 00:00	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.38	1		08/13/11 00:00	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		08/13/11 00:00	95-47-6	
p-Isopropyltoluene	3.4	ug/kg	3.3	0.42	1		08/13/11 00:00	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		08/13/11 00:00	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.28	1		08/13/11 00:00	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		08/13/11 00:00	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		08/13/11 00:00	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		08/13/11 00:00	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		72-129		1		08/13/11 00:00	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/13/11 00:00	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/13/11 00:00	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/13/11 00:00	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	26.7	%	0.10	0.10	1		08/08/11 16:53		

Sample: SUP_SL_52 6-8 Lab ID: 258739009 Collected: 08/04/11 11:00 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	155	mg/kg	19.6	9.8	1	08/11/11 16:50	08/17/11 04:31		
Motor Oil Range SG	1250	mg/kg	78.6	39.3	1	08/11/11 16:50	08/17/11 04:31	64742-65-0	
Surrogates									
n-Octacosane (S) SG	102 %		50-150		1	08/11/11 16:50	08/17/11 04:31	630-02-4	
o-Terphenyl (S) SG	94 %		50-150		1	08/11/11 16:50	08/17/11 04:31	84-15-1	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 27 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 6-8 Lab ID: 258739009 Collected: 08/04/11 11:00 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.8J	mg/kg	6.4	0.26	1	08/12/11 12:00	08/12/11 19:57		
Surrogates									
a,a,a-Trifluorotoluene (S)	94 %		50-150		1	08/12/11 12:00	08/12/11 19:57	98-08-8	
4-Bromofluorobenzene (S)	74 %		50-150		1	08/12/11 12:00	08/12/11 19:57	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2.9	mg/kg	2.3	0.34	1	08/14/11 16:40	08/23/11 21:03	7440-38-2	
Cadmium	0.12J	mg/kg	1.1	0.012	1	08/14/11 16:40	08/23/11 21:03	7440-43-9	
Lead	27.2	mg/kg	11.3	0.71	10	08/14/11 16:40	08/24/11 17:13	7439-92-1	D3
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	0.14	1		08/13/11 00:20	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.9	0.18	1		08/13/11 00:20	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	0.27	1		08/13/11 00:20	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.9	0.27	1		08/13/11 00:20	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	0.39	1		08/13/11 00:20	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.9	0.23	1		08/13/11 00:20	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.9	0.36	1		08/13/11 00:20	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.9	0.34	1		08/13/11 00:20	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	0.27	1		08/13/11 00:20	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.9	0.33	1		08/13/11 00:20	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	0.24	1		08/13/11 00:20	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	0.50	1		08/13/11 00:20	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	0.38	1		08/13/11 00:20	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	0.21	1		08/13/11 00:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.9	0.24	1		08/13/11 00:20	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.9	0.22	1		08/13/11 00:20	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.8	0.36	1		08/13/11 00:20	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/13/11 00:20	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	0.31	1		08/13/11 00:20	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.9	0.18	1		08/13/11 00:20	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.9	0.27	1		08/13/11 00:20	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.9	0.23	1		08/13/11 00:20	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/13/11 00:20	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.7	1.5	1		08/13/11 00:20	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.9	0.31	1		08/13/11 00:20	95-49-8	
2-Hexanone	ND	ug/kg	9.7	0.35	1		08/13/11 00:20	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.9	0.26	1		08/13/11 00:20	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.7	0.30	1		08/13/11 00:20	108-10-1	
Acetone	32.2	ug/kg	9.7	1.1	1		08/13/11 00:20	67-64-1	1n
Benzene	2.0J	ug/kg	2.9	0.15	1		08/13/11 00:20	71-43-2	
Bromobenzene	ND	ug/kg	2.9	0.23	1		08/13/11 00:20	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	0.21	1		08/13/11 00:20	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	0.11	1		08/13/11 00:20	75-27-4	
Bromoform	ND	ug/kg	2.9	0.23	1		08/13/11 00:20	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 6-8 Lab ID: 258739009 Collected: 08/04/11 11:00 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	2.9	0.31	1		08/13/11 00:20	74-83-9	
Carbon disulfide	1.7J	ug/kg	2.9	0.27	1		08/13/11 00:20	75-15-0	B
Carbon tetrachloride	ND	ug/kg	2.9	0.18	1		08/13/11 00:20	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	0.18	1		08/13/11 00:20	108-90-7	
Chloroethane	ND	ug/kg	2.9	0.28	1		08/13/11 00:20	75-00-3	
Chloroform	ND	ug/kg	2.9	0.19	1		08/13/11 00:20	67-66-3	
Chloromethane	ND	ug/kg	2.9	0.20	1		08/13/11 00:20	74-87-3	
Dibromochloromethane	ND	ug/kg	2.9	0.098	1		08/13/11 00:20	124-48-1	
Dibromomethane	ND	ug/kg	2.9	0.20	1		08/13/11 00:20	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.9	0.40	1		08/13/11 00:20	75-71-8	
Ethylbenzene	ND	ug/kg	2.9	0.37	1		08/13/11 00:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.9	0.29	1		08/13/11 00:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	0.34	1		08/13/11 00:20	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.9	0.24	1		08/13/11 00:20	1634-04-4	
Methylene chloride	ND	ug/kg	9.7	2.6	1		08/13/11 00:20	75-09-2	
Naphthalene	ND	ug/kg	2.9	0.53	1		08/13/11 00:20	91-20-3	
Styrene	ND	ug/kg	2.9	0.28	1		08/13/11 00:20	100-42-5	
Tetrachloroethene	ND	ug/kg	2.9	0.37	1		08/13/11 00:20	127-18-4	
Toluene	0.43J	ug/kg	2.9	0.30	1		08/13/11 00:20	108-88-3	
Trichloroethene	ND	ug/kg	2.9	0.20	1		08/13/11 00:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.9	0.22	1		08/13/11 00:20	75-69-4	
Vinyl chloride	ND	ug/kg	2.9	0.27	1		08/13/11 00:20	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	0.73	1		08/13/11 00:20	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.9	0.20	1		08/13/11 00:20	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	0.13	1		08/13/11 00:20	10061-01-5	
m&p-Xylene	ND	ug/kg	5.8	0.73	1		08/13/11 00:20	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.9	0.44	1		08/13/11 00:20	104-51-8	
n-Propylbenzene	ND	ug/kg	2.9	0.34	1		08/13/11 00:20	103-65-1	
o-Xylene	ND	ug/kg	2.9	0.32	1		08/13/11 00:20	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.9	0.37	1		08/13/11 00:20	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.9	0.41	1		08/13/11 00:20	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.9	0.25	1		08/13/11 00:20	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.9	0.34	1		08/13/11 00:20	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	0.29	1		08/13/11 00:20	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	0.20	1		08/13/11 00:20	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		72-129		1		08/13/11 00:20	1868-53-7	
Toluene-d8 (S)	101 %		69-133		1		08/13/11 00:20	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/13/11 00:20	460-00-4	
1,2-Dichloroethane-d4 (S)	107 %		67-136		1		08/13/11 00:20	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.4 %		0.10	0.10	1		08/08/11 16:54		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 8-10 **Lab ID:** 258739010 Collected: 08/04/11 11:02 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	136	mg/kg	21.8	10.9	1	08/11/11 16:50	08/17/11 01:47		
Motor Oil Range SG	98.7	mg/kg	87.3	43.7	1	08/11/11 16:50	08/17/11 01:47	64742-65-0	
Surrogates									
n-Octacosane (S) SG	101	%	50-150		1	08/11/11 16:50	08/17/11 01:47	630-02-4	
o-Terphenyl (S) SG	90	%	50-150		1	08/11/11 16:50	08/17/11 01:47	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	6.1J	mg/kg	7.5	0.30	1	08/12/11 12:00	08/12/11 20:45		
Surrogates									
a,a,a-Trifluorotoluene (S)	121	%	50-150		1	08/12/11 12:00	08/12/11 20:45	98-08-8	
4-Bromofluorobenzene (S)	97	%	50-150		1	08/12/11 12:00	08/12/11 20:45	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	288	mg/kg	2.5	0.38	1	08/14/11 16:40	08/23/11 21:07	7440-38-2	
Cadmium	1.4	mg/kg	1.3	0.014	1	08/14/11 16:40	08/23/11 21:07	7440-43-9	
Lead	48.2	mg/kg	12.6	0.79	10	08/14/11 16:40	08/24/11 17:17	7439-92-1	D3
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	0.18	1		08/13/11 00:40	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	0.22	1		08/13/11 00:40	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	0.34	1		08/13/11 00:40	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	0.34	1		08/13/11 00:40	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	0.49	1		08/13/11 00:40	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	0.29	1		08/13/11 00:40	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	0.45	1		08/13/11 00:40	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.6	0.42	1		08/13/11 00:40	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	0.34	1		08/13/11 00:40	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	0.41	1		08/13/11 00:40	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	0.29	1		08/13/11 00:40	120-82-1	
1,2,4-Trimethylbenzene	8.9	ug/kg	3.6	0.63	1		08/13/11 00:40	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	0.47	1		08/13/11 00:40	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	0.26	1		08/13/11 00:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	0.30	1		08/13/11 00:40	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	0.27	1		08/13/11 00:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.3	0.45	1		08/13/11 00:40	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/13/11 00:40	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.39	1		08/13/11 00:40	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		08/13/11 00:40	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.34	1		08/13/11 00:40	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		08/13/11 00:40	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.23	1		08/13/11 00:40	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.1	1.8	1		08/13/11 00:40	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	0.38	1		08/13/11 00:40	95-49-8	
2-Hexanone	ND	ug/kg	12.1	0.43	1		08/13/11 00:40	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		08/13/11 00:40	106-43-4	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 30 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 8-10 Lab ID: 258739010 Collected: 08/04/11 11:02 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.1	0.37	1		08/13/11 00:40	108-10-1	
Acetone	34.4	ug/kg	12.1	1.3	1		08/13/11 00:40	67-64-1	1n
Benzene	1.4J	ug/kg	3.6	0.18	1		08/13/11 00:40	71-43-2	
Bromobenzene	ND	ug/kg	3.6	0.28	1		08/13/11 00:40	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.27	1		08/13/11 00:40	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		08/13/11 00:40	75-27-4	
Bromoform	ND	ug/kg	3.6	0.28	1		08/13/11 00:40	75-25-2	
Bromomethane	ND	ug/kg	3.6	0.38	1		08/13/11 00:40	74-83-9	
Carbon disulfide	14.6	ug/kg	3.6	0.34	1		08/13/11 00:40	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.6	0.22	1		08/13/11 00:40	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		08/13/11 00:40	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.35	1		08/13/11 00:40	75-00-3	
Chloroform	ND	ug/kg	3.6	0.24	1		08/13/11 00:40	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.25	1		08/13/11 00:40	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		08/13/11 00:40	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		08/13/11 00:40	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.50	1		08/13/11 00:40	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.46	1		08/13/11 00:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.36	1		08/13/11 00:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.42	1		08/13/11 00:40	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		08/13/11 00:40	1634-04-4	
Methylene chloride	ND	ug/kg	12.1	3.2	1		08/13/11 00:40	75-09-2	
Naphthalene	ND	ug/kg	3.6	0.66	1		08/13/11 00:40	91-20-3	
Styrene	ND	ug/kg	3.6	0.35	1		08/13/11 00:40	100-42-5	
Tetrachloroethene	ND	ug/kg	3.6	0.46	1		08/13/11 00:40	127-18-4	
Toluene	ND	ug/kg	3.6	0.37	1		08/13/11 00:40	108-88-3	
Trichloroethene	ND	ug/kg	3.6	0.25	1		08/13/11 00:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	0.28	1		08/13/11 00:40	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.34	1		08/13/11 00:40	75-01-4	
Xylene (Total)	ND	ug/kg	10.9	0.91	1		08/13/11 00:40	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	0.25	1		08/13/11 00:40	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.16	1		08/13/11 00:40	10061-01-5	
m&p-Xylene	ND	ug/kg	7.3	0.91	1		08/13/11 00:40	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	0.55	1		08/13/11 00:40	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	0.43	1		08/13/11 00:40	103-65-1	
o-Xylene	ND	ug/kg	3.6	0.39	1		08/13/11 00:40	95-47-6	
p-Isopropyltoluene	5.5	ug/kg	3.6	0.47	1		08/13/11 00:40	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.51	1		08/13/11 00:40	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	0.31	1		08/13/11 00:40	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.42	1		08/13/11 00:40	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	0.36	1		08/13/11 00:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		08/13/11 00:40	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		72-129		1		08/13/11 00:40	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/13/11 00:40	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 8-10 **Lab ID:** 258739010 Collected: 08/04/11 11:02 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	100 %		67-142		1		08/13/11 00:40	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/13/11 00:40	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.1 %		0.10	0.10	1		08/08/11 16:55		

Sample: SUP_SL_52 10-12 **Lab ID:** 258739011 Collected: 08/04/11 11:05 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	28.3 mg/kg		23.6	11.8	1	08/11/11 16:50	08/17/11 02:10		
Motor Oil Range SG	134 mg/kg		94.3	47.2	1	08/11/11 16:50	08/17/11 02:10	64742-65-0	
Surrogates									
n-Octacosane (S) SG	100 %		50-150		1	08/11/11 16:50	08/17/11 02:10	630-02-4	
o-Terphenyl (S) SG	88 %		50-150		1	08/11/11 16:50	08/17/11 02:10	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.7J mg/kg		10.9	0.43	1	08/12/11 12:00	08/12/11 21:31		
Surrogates									
a,a,a-Trifluorotoluene (S)	126 %		50-150		1	08/12/11 12:00	08/12/11 21:31	98-08-8	
4-Bromofluorobenzene (S)	99 %		50-150		1	08/12/11 12:00	08/12/11 21:31	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	16000 mg/kg		121	18.1	50	08/14/11 16:40	08/24/11 17:24	7440-38-2	D4
Cadmium	84.9 mg/kg		12.1	0.13	10	08/14/11 16:40	08/24/11 17:20	7440-43-9	D3
Lead	31400 mg/kg		121	7.6	100	08/14/11 16:40	08/24/11 17:27	7439-92-1	D4

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		4.9	0.24	1		08/13/11 01:01	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		4.9	0.30	1		08/13/11 01:01	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.9	0.45	1		08/13/11 01:01	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		4.9	0.46	1		08/13/11 01:01	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		4.9	0.66	1		08/13/11 01:01	76-13-1	
1,1-Dichloroethane	ND ug/kg		4.9	0.39	1		08/13/11 01:01	75-34-3	
1,1-Dichloroethene	ND ug/kg		4.9	0.61	1		08/13/11 01:01	75-35-4	
1,1-Dichloropropene	ND ug/kg		4.9	0.57	1		08/13/11 01:01	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		4.9	0.46	1		08/13/11 01:01	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		4.9	0.56	1		08/13/11 01:01	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		4.9	0.40	1		08/13/11 01:01	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		4.9	0.85	1		08/13/11 01:01	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 10-12 Lab ID: 258739011 Collected: 08/04/11 11:05 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	0.64	1		08/13/11 01:01	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	0.35	1		08/13/11 01:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	0.40	1		08/13/11 01:01	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.9	0.36	1		08/13/11 01:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.8	0.61	1		08/13/11 01:01	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.9	0.30	1		08/13/11 01:01	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	0.52	1		08/13/11 01:01	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.9	0.31	1		08/13/11 01:01	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.9	0.45	1		08/13/11 01:01	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.9	0.39	1		08/13/11 01:01	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.9	0.31	1		08/13/11 01:01	594-20-7	
2-Butanone (MEK)	41.8	ug/kg	16.4	2.5	1		08/13/11 01:01	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.9	0.52	1		08/13/11 01:01	95-49-8	
2-Hexanone	ND	ug/kg	16.4	0.59	1		08/13/11 01:01	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.9	0.44	1		08/13/11 01:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.4	0.50	1		08/13/11 01:01	108-10-1	
Acetone	376	ug/kg	16.4	1.8	1		08/13/11 01:01	67-64-1	1n
Benzene	3.4J	ug/kg	4.9	0.25	1		08/13/11 01:01	71-43-2	
Bromobenzene	ND	ug/kg	4.9	0.38	1		08/13/11 01:01	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	0.36	1		08/13/11 01:01	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	0.19	1		08/13/11 01:01	75-27-4	
Bromoform	ND	ug/kg	4.9	0.38	1		08/13/11 01:01	75-25-2	
Bromomethane	ND	ug/kg	4.9	0.52	1		08/13/11 01:01	74-83-9	
Carbon disulfide	3.2J	ug/kg	4.9	0.46	1		08/13/11 01:01	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.9	0.30	1		08/13/11 01:01	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	0.30	1		08/13/11 01:01	108-90-7	
Chloroethane	ND	ug/kg	4.9	0.47	1		08/13/11 01:01	75-00-3	
Chloroform	ND	ug/kg	4.9	0.32	1		08/13/11 01:01	67-66-3	
Chloromethane	ND	ug/kg	4.9	0.34	1		08/13/11 01:01	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	0.16	1		08/13/11 01:01	124-48-1	
Dibromomethane	ND	ug/kg	4.9	0.34	1		08/13/11 01:01	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.9	0.68	1		08/13/11 01:01	75-71-8	
Ethylbenzene	ND	ug/kg	4.9	0.62	1		08/13/11 01:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	0.49	1		08/13/11 01:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	0.57	1		08/13/11 01:01	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.9	0.41	1		08/13/11 01:01	1634-04-4	
Methylene chloride	ND	ug/kg	16.4	4.3	1		08/13/11 01:01	75-09-2	
Naphthalene	0.96J	ug/kg	4.9	0.90	1		08/13/11 01:01	91-20-3	
Styrene	ND	ug/kg	4.9	0.47	1		08/13/11 01:01	100-42-5	
Tetrachloroethene	ND	ug/kg	4.9	0.63	1		08/13/11 01:01	127-18-4	
Toluene	0.72J	ug/kg	4.9	0.50	1		08/13/11 01:01	108-88-3	
Trichloroethene	0.55J	ug/kg	4.9	0.34	1		08/13/11 01:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	0.38	1		08/13/11 01:01	75-69-4	
Vinyl chloride	ND	ug/kg	4.9	0.46	1		08/13/11 01:01	75-01-4	
Xylene (Total)	ND	ug/kg	14.7	1.2	1		08/13/11 01:01	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 10-12 Lab ID: 258739011 Collected: 08/04/11 11:05 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	4.9	0.34	1		08/13/11 01:01	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	0.21	1		08/13/11 01:01	10061-01-5	
m&p-Xylene	ND	ug/kg	9.8	1.2	1		08/13/11 01:01	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.9	0.75	1		08/13/11 01:01	104-51-8	
n-Propylbenzene	ND	ug/kg	4.9	0.58	1		08/13/11 01:01	103-65-1	
o-Xylene	ND	ug/kg	4.9	0.53	1		08/13/11 01:01	95-47-6	
p-Isopropyltoluene	1.1J	ug/kg	4.9	0.63	1		08/13/11 01:01	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.9	0.69	1		08/13/11 01:01	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.9	0.42	1		08/13/11 01:01	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.9	0.56	1		08/13/11 01:01	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	0.49	1		08/13/11 01:01	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	0.34	1		08/13/11 01:01	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109 %		72-129		1		08/13/11 01:01	1868-53-7	
Toluene-d8 (S)	94 %		69-133		1		08/13/11 01:01	2037-26-5	
4-Bromofluorobenzene (S)	103 %		67-142		1		08/13/11 01:01	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		67-136		1		08/13/11 01:01	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	36.5 %		0.10	0.10	1		08/08/11 16:55		

Sample: SUP_SL_52 12-14 Lab ID: 258739012 Collected: 08/04/11 11:08 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	10.4J	mg/kg	20.1	10.1	1	08/11/11 16:50	08/17/11 02:34		
Motor Oil Range SG	ND	mg/kg	80.5	40.2	1	08/11/11 16:50	08/17/11 02:34	64742-65-0	
Surrogates									
n-Octacosane (S) SG	96 %		50-150		1	08/11/11 16:50	08/17/11 02:34	630-02-4	
o-Terphenyl (S) SG	84 %		50-150		1	08/11/11 16:50	08/17/11 02:34	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.0J	mg/kg	7.8	0.31	1	08/12/11 12:00	08/12/11 21:54		
Surrogates									
a,a,a-Trifluorotoluene (S)	121 %		50-150		1	08/12/11 12:00	08/12/11 21:54	98-08-8	
4-Bromofluorobenzene (S)	90 %		50-150		1	08/12/11 12:00	08/12/11 21:54	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	257	mg/kg	9.1	1.4	5	08/14/11 16:40	08/23/11 18:21	7440-38-2	
Cadmium	1.2J	mg/kg	4.6	0.050	5	08/14/11 16:40	08/23/11 18:21	7440-43-9	
Lead	23.6	mg/kg	4.6	0.29	5	08/14/11 16:40	08/23/11 18:21	7439-92-1	D3

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 12-14 Lab ID: 258739012 Collected: 08/04/11 11:08 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		08/13/11 01:21	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		08/13/11 01:21	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		08/13/11 01:21	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		08/13/11 01:21	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.45	1		08/13/11 01:21	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		08/13/11 01:21	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		08/13/11 01:21	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.39	1		08/13/11 01:21	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		08/13/11 01:21	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		08/13/11 01:21	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		08/13/11 01:21	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.57	1		08/13/11 01:21	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		08/13/11 01:21	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		08/13/11 01:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/13/11 01:21	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.25	1		08/13/11 01:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.41	1		08/13/11 01:21	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/13/11 01:21	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		08/13/11 01:21	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		08/13/11 01:21	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		08/13/11 01:21	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/13/11 01:21	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		08/13/11 01:21	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.1	1.7	1		08/13/11 01:21	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		08/13/11 01:21	95-49-8	
2-Hexanone	ND	ug/kg	11.1	0.40	1		08/13/11 01:21	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		08/13/11 01:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.1	0.34	1		08/13/11 01:21	108-10-1	
Acetone	29.8	ug/kg	11.1	1.2	1		08/13/11 01:21	67-64-1	1n
Benzene	1.2J	ug/kg	3.3	0.17	1		08/13/11 01:21	71-43-2	
Bromobenzene	ND	ug/kg	3.3	0.26	1		08/13/11 01:21	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		08/13/11 01:21	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		08/13/11 01:21	75-27-4	
Bromoform	ND	ug/kg	3.3	0.26	1		08/13/11 01:21	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		08/13/11 01:21	74-83-9	
Carbon disulfide	6.1	ug/kg	3.3	0.31	1		08/13/11 01:21	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		08/13/11 01:21	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		08/13/11 01:21	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		08/13/11 01:21	75-00-3	
Chloroform	ND	ug/kg	3.3	0.22	1		08/13/11 01:21	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		08/13/11 01:21	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		08/13/11 01:21	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		08/13/11 01:21	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		08/13/11 01:21	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		08/13/11 01:21	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 12-14 Lab ID: 258739012 Collected: 08/04/11 11:08 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		08/13/11 01:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		08/13/11 01:21	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.28	1		08/13/11 01:21	1634-04-4	
Methylene chloride	ND	ug/kg	11.1	2.9	1		08/13/11 01:21	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.61	1		08/13/11 01:21	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		08/13/11 01:21	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		08/13/11 01:21	127-18-4	
Toluene	1.4J	ug/kg	3.3	0.34	1		08/13/11 01:21	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		08/13/11 01:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		08/13/11 01:21	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		08/13/11 01:21	75-01-4	
Xylene (Total)	ND	ug/kg	10	0.83	1		08/13/11 01:21	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		08/13/11 01:21	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		08/13/11 01:21	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.83	1		08/13/11 01:21	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.51	1		08/13/11 01:21	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		08/13/11 01:21	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		08/13/11 01:21	95-47-6	
p-Isopropyltoluene	0.71J	ug/kg	3.3	0.43	1		08/13/11 01:21	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		08/13/11 01:21	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.29	1		08/13/11 01:21	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		08/13/11 01:21	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		08/13/11 01:21	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		08/13/11 01:21	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		72-129		1		08/13/11 01:21	1868-53-7	
Toluene-d8 (S)	103 %		69-133		1		08/13/11 01:21	2037-26-5	
4-Bromofluorobenzene (S)	107 %		67-142		1		08/13/11 01:21	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		67-136		1		08/13/11 01:21	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.0 %		0.10	0.10	1		08/08/11 16:56		

Sample: SUP_SL_52 14-16 Lab ID: 258739013 Collected: 08/04/11 11:10 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	20.6	10.3	1	08/11/11 16:50	08/17/11 02:57		
Motor Oil Range SG	ND	mg/kg	82.5	41.3	1	08/11/11 16:50	08/17/11 02:57	64742-65-0	
Surrogates									
n-Octacosane (S) SG	97 %		50-150		1	08/11/11 16:50	08/17/11 02:57	630-02-4	
o-Terphenyl (S) SG	84 %		50-150		1	08/11/11 16:50	08/17/11 02:57	84-15-1	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 36 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 14-16 Lab ID: 258739013 Collected: 08/04/11 11:10 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.73J	mg/kg	7.4	0.30	1	08/12/11 12:00	08/12/11 22:18		
Surrogates									
a,a,a-Trifluorotoluene (S)	121	%	50-150		1	08/12/11 12:00	08/12/11 22:18	98-08-8	
4-Bromofluorobenzene (S)	98	%	50-150		1	08/12/11 12:00	08/12/11 22:18	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	431	mg/kg	11.9	1.8	5	08/14/11 16:40	08/23/11 18:25	7440-38-2	
Cadmium	1.9J	mg/kg	6.0	0.065	5	08/14/11 16:40	08/23/11 18:25	7440-43-9	D3
Lead	2.8	mg/kg	1.2	0.075	1	08/14/11 16:40	08/23/11 21:18	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		08/13/11 01:42	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		08/13/11 01:42	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		08/13/11 01:42	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		08/13/11 01:42	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.45	1		08/13/11 01:42	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		08/13/11 01:42	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		08/13/11 01:42	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.39	1		08/13/11 01:42	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		08/13/11 01:42	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		08/13/11 01:42	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		08/13/11 01:42	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.57	1		08/13/11 01:42	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		08/13/11 01:42	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		08/13/11 01:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/13/11 01:42	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.25	1		08/13/11 01:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.41	1		08/13/11 01:42	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/13/11 01:42	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		08/13/11 01:42	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		08/13/11 01:42	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		08/13/11 01:42	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/13/11 01:42	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		08/13/11 01:42	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.1	1.7	1		08/13/11 01:42	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		08/13/11 01:42	95-49-8	
2-Hexanone	ND	ug/kg	11.1	0.40	1		08/13/11 01:42	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.30	1		08/13/11 01:42	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.1	0.34	1		08/13/11 01:42	108-10-1	
Acetone	20.3	ug/kg	11.1	1.2	1		08/13/11 01:42	67-64-1	1n
Benzene	0.34J	ug/kg	3.3	0.17	1		08/13/11 01:42	71-43-2	
Bromobenzene	ND	ug/kg	3.3	0.26	1		08/13/11 01:42	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		08/13/11 01:42	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		08/13/11 01:42	75-27-4	
Bromoform	ND	ug/kg	3.3	0.26	1		08/13/11 01:42	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_52 14-16 **Lab ID:** 258739013 Collected: 08/04/11 11:10 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	3.3	0.35	1		08/13/11 01:42	74-83-9	
Carbon disulfide	3.2J	ug/kg	3.3	0.31	1		08/13/11 01:42	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		08/13/11 01:42	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		08/13/11 01:42	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		08/13/11 01:42	75-00-3	
Chloroform	ND	ug/kg	3.3	0.22	1		08/13/11 01:42	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		08/13/11 01:42	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		08/13/11 01:42	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		08/13/11 01:42	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		08/13/11 01:42	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		08/13/11 01:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		08/13/11 01:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		08/13/11 01:42	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.28	1		08/13/11 01:42	1634-04-4	
Methylene chloride	ND	ug/kg	11.1	2.9	1		08/13/11 01:42	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.61	1		08/13/11 01:42	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		08/13/11 01:42	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		08/13/11 01:42	127-18-4	
Toluene	0.41J	ug/kg	3.3	0.34	1		08/13/11 01:42	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		08/13/11 01:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		08/13/11 01:42	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		08/13/11 01:42	75-01-4	
Xylene (Total)	ND	ug/kg	10	0.83	1		08/13/11 01:42	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		08/13/11 01:42	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		08/13/11 01:42	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.83	1		08/13/11 01:42	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.51	1		08/13/11 01:42	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		08/13/11 01:42	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		08/13/11 01:42	95-47-6	
p-Isopropyltoluene	0.55J	ug/kg	3.3	0.43	1		08/13/11 01:42	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		08/13/11 01:42	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.29	1		08/13/11 01:42	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		08/13/11 01:42	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		08/13/11 01:42	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		08/13/11 01:42	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%	72-129		1		08/13/11 01:42	1868-53-7	
Toluene-d8 (S)	104	%	69-133		1		08/13/11 01:42	2037-26-5	
4-Bromofluorobenzene (S)	106	%	67-142		1		08/13/11 01:42	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	67-136		1		08/13/11 01:42	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.0	%	0.10	0.10	1		08/08/11 16:56		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: Trip Blank #5 **Lab ID: 258739014** Collected: 08/04/11 08:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.55J	mg/kg	5.0	0.20	1	08/12/11 12:00	08/12/11 16:24		
Surrogates									
a,a,a-Trifluorotoluene (S)	90 %		50-150		1	08/12/11 12:00	08/12/11 16:24	98-08-8	
4-Bromofluorobenzene (S)	63 %		50-150		1	08/12/11 12:00	08/12/11 16:24	460-00-4	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/15/11 11:36	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/15/11 11:36	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/15/11 11:36	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/15/11 11:36	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/15/11 11:36	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/15/11 11:36	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/15/11 11:36	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/15/11 11:36	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/15/11 11:36	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/15/11 11:36	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/15/11 11:36	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/15/11 11:36	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/15/11 11:36	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/15/11 11:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/15/11 11:36	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/15/11 11:36	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/15/11 11:36	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/15/11 11:36	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/15/11 11:36	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/15/11 11:36	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/15/11 11:36	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/15/11 11:36	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/15/11 11:36	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/15/11 11:36	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/15/11 11:36	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/15/11 11:36	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/15/11 11:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/15/11 11:36	108-10-1	
Acetone	2.8J	ug/kg	10.0	1.1	1		08/15/11 11:36	67-64-1	
Benzene	0.15J	ug/kg	3.0	0.15	1		08/15/11 11:36	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/15/11 11:36	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/15/11 11:36	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/15/11 11:36	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/15/11 11:36	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/15/11 11:36	74-83-9	
Carbon disulfide	1.3J	ug/kg	3.0	0.28	1		08/15/11 11:36	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/15/11 11:36	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/15/11 11:36	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/15/11 11:36	75-00-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: Trip Blank #5 **Lab ID:** 258739014 Collected: 08/04/11 08:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloroform	ND	ug/kg	3.0	0.19	1		08/15/11 11:36	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/15/11 11:36	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/15/11 11:36	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/15/11 11:36	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/15/11 11:36	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/15/11 11:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/15/11 11:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/15/11 11:36	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/15/11 11:36	1634-04-4	
Methylene chloride	5.5J	ug/kg	10.0	2.6	1		08/15/11 11:36	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		08/15/11 11:36	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/15/11 11:36	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/15/11 11:36	127-18-4	
Toluene	0.51J	ug/kg	3.0	0.31	1		08/15/11 11:36	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/15/11 11:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/15/11 11:36	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/15/11 11:36	75-01-4	
Xylene (Total)	0.79J	ug/kg	9.0	0.75	1		08/15/11 11:36	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/15/11 11:36	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/15/11 11:36	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/15/11 11:36	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/15/11 11:36	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/15/11 11:36	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/15/11 11:36	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/15/11 11:36	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/15/11 11:36	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/15/11 11:36	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/15/11 11:36	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/15/11 11:36	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/15/11 11:36	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/15/11 11:36	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/15/11 11:36	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-142		1		08/15/11 11:36	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/15/11 11:36	17060-07-0	

Sample: SUP_SL_59 8-10 **Lab ID:** 258739015 Collected: 08/04/11 08:30 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	30.0	15.0	1	08/11/11 16:50	08/17/11 04:07		
Motor Oil Range SG	ND	mg/kg	120	60.1	1	08/11/11 16:50	08/17/11 04:07	64742-65-0	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 40 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_59 8-10 Lab ID: 258739015 Collected: 08/04/11 08:30 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Surrogates									
n-Octacosane (S) SG	96 %		50-150		1	08/11/11 16:50	08/17/11 04:07	630-02-4	
o-Terphenyl (S) SG	83 %		50-150		1	08/11/11 16:50	08/17/11 04:07	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.6J mg/kg		15.2	0.61	1	08/12/11 12:00	08/12/11 22:42		
Surrogates									
a,a,a-Trifluorotoluene (S)	125 %		50-150		1	08/12/11 12:00	08/12/11 22:42	98-08-8	
4-Bromofluorobenzene (S)	99 %		50-150		1	08/12/11 12:00	08/12/11 22:42	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	7.1J mg/kg		13.9	2.1	5	08/14/11 16:40	08/23/11 18:28	7440-38-2	
Cadmium	ND mg/kg		7.0	0.077	5	08/14/11 16:40	08/23/11 18:28	7440-43-9	D3
Lead	20.1 mg/kg		1.4	0.088	1	08/14/11 16:40	08/23/11 21:22	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND ug/kg		6.5	0.31	1		08/15/11 13:35	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		6.5	0.39	1		08/15/11 13:35	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		6.5	0.60	1		08/15/11 13:35	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		6.5	0.60	1		08/15/11 13:35	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		6.5	0.87	1		08/15/11 13:35	76-13-1	
1,1-Dichloroethane	ND ug/kg		6.5	0.51	1		08/15/11 13:35	75-34-3	
1,1-Dichloroethene	ND ug/kg		6.5	0.80	1		08/15/11 13:35	75-35-4	
1,1-Dichloropropene	ND ug/kg		6.5	0.75	1		08/15/11 13:35	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		6.5	0.60	1		08/15/11 13:35	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		6.5	0.74	1		08/15/11 13:35	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		6.5	0.52	1		08/15/11 13:35	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		6.5	1.1	1		08/15/11 13:35	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/kg		10.8	0.84	1		08/15/11 13:35	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/kg		6.5	0.45	1		08/15/11 13:35	106-93-4	
1,2-Dichlorobenzene	ND ug/kg		6.5	0.53	1		08/15/11 13:35	95-50-1	
1,2-Dichloroethane	ND ug/kg		6.5	0.48	1		08/15/11 13:35	107-06-2	
1,2-Dichloroethene (Total)	ND ug/kg		12.9	0.80	1		08/15/11 13:35	540-59-0	
1,2-Dichloropropane	ND ug/kg		6.5	0.39	1		08/15/11 13:35	78-87-5	
1,3,5-Trimethylbenzene	ND ug/kg		6.5	0.69	1		08/15/11 13:35	108-67-8	
1,3-Dichlorobenzene	ND ug/kg		6.5	0.41	1		08/15/11 13:35	541-73-1	
1,3-Dichloropropane	ND ug/kg		6.5	0.60	1		08/15/11 13:35	142-28-9	
1,4-Dichlorobenzene	ND ug/kg		6.5	0.52	1		08/15/11 13:35	106-46-7	
2,2-Dichloropropane	ND ug/kg		6.5	0.40	1		08/15/11 13:35	594-20-7	
2-Butanone (MEK)	ND ug/kg		21.5	3.2	1		08/15/11 13:35	78-93-3	
2-Chlorotoluene	ND ug/kg		6.5	0.68	1		08/15/11 13:35	95-49-8	
2-Hexanone	ND ug/kg		21.5	0.77	1		08/15/11 13:35	591-78-6	
4-Chlorotoluene	ND ug/kg		6.5	0.57	1		08/15/11 13:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		21.5	0.65	1		08/15/11 13:35	108-10-1	
Acetone	44.9 ug/kg		21.5	2.4	1		08/15/11 13:35	67-64-1	1n

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_59 8-10 Lab ID: 258739015 Collected: 08/04/11 08:30 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Benzene	0.68J	ug/kg	6.5	0.32	1		08/15/11 13:35	71-43-2	B
Bromobenzene	ND	ug/kg	6.5	0.50	1		08/15/11 13:35	108-86-1	
Bromochloromethane	ND	ug/kg	6.5	0.47	1		08/15/11 13:35	74-97-5	
Bromodichloromethane	ND	ug/kg	6.5	0.25	1		08/15/11 13:35	75-27-4	
Bromoform	ND	ug/kg	6.5	0.50	1		08/15/11 13:35	75-25-2	
Bromomethane	ND	ug/kg	6.5	0.68	1		08/15/11 13:35	74-83-9	
Carbon disulfide	27.8	ug/kg	6.5	0.60	1		08/15/11 13:35	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	6.5	0.39	1		08/15/11 13:35	56-23-5	
Chlorobenzene	ND	ug/kg	6.5	0.39	1		08/15/11 13:35	108-90-7	
Chloroethane	ND	ug/kg	6.5	0.62	1		08/15/11 13:35	75-00-3	
Chloroform	ND	ug/kg	6.5	0.42	1		08/15/11 13:35	67-66-3	
Chloromethane	ND	ug/kg	6.5	0.44	1		08/15/11 13:35	74-87-3	
Dibromochloromethane	ND	ug/kg	6.5	0.22	1		08/15/11 13:35	124-48-1	
Dibromomethane	ND	ug/kg	6.5	0.45	1		08/15/11 13:35	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.5	0.89	1		08/15/11 13:35	75-71-8	
Ethylbenzene	ND	ug/kg	6.5	0.82	1		08/15/11 13:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.5	0.64	1		08/15/11 13:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.5	0.75	1		08/15/11 13:35	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.5	0.54	1		08/15/11 13:35	1634-04-4	
Methylene chloride	6.0J	ug/kg	21.5	5.7	1		08/15/11 13:35	75-09-2	
Naphthalene	ND	ug/kg	6.5	1.2	1		08/15/11 13:35	91-20-3	
Styrene	ND	ug/kg	6.5	0.62	1		08/15/11 13:35	100-42-5	
Tetrachloroethene	ND	ug/kg	6.5	0.82	1		08/15/11 13:35	127-18-4	
Toluene	0.82J	ug/kg	6.5	0.66	1		08/15/11 13:35	108-88-3	
Trichloroethene	ND	ug/kg	6.5	0.45	1		08/15/11 13:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.5	0.49	1		08/15/11 13:35	75-69-4	
Vinyl chloride	ND	ug/kg	6.5	0.60	1		08/15/11 13:35	75-01-4	
Xylene (Total)	ND	ug/kg	19.4	1.6	1		08/15/11 13:35	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	6.5	0.45	1		08/15/11 13:35	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.5	0.28	1		08/15/11 13:35	10061-01-5	
m&p-Xylene	ND	ug/kg	12.9	1.6	1		08/15/11 13:35	179601-23-1	
n-Butylbenzene	ND	ug/kg	6.5	0.98	1		08/15/11 13:35	104-51-8	
n-Propylbenzene	ND	ug/kg	6.5	0.76	1		08/15/11 13:35	103-65-1	
o-Xylene	ND	ug/kg	6.5	0.70	1		08/15/11 13:35	95-47-6	
p-Isopropyltoluene	7.2	ug/kg	6.5	0.83	1		08/15/11 13:35	99-87-6	
sec-Butylbenzene	ND	ug/kg	6.5	0.90	1		08/15/11 13:35	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	6.5	0.56	1		08/15/11 13:35	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.5	0.74	1		08/15/11 13:35	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	6.5	0.64	1		08/15/11 13:35	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.5	0.45	1		08/15/11 13:35	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/15/11 13:35	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/15/11 13:35	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/15/11 13:35	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		67-136		1		08/15/11 13:35	17060-07-0	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_59 8-10 **Lab ID: 258739015** Collected: 08/04/11 08:30 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	47.6 %		0.10	0.10	1		08/09/11 17:25		

Sample: SUP_SL_59 10-12 **Lab ID: 258739016** Collected: 08/04/11 08:35 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	23.4	11.7	1	08/12/11 12:55	08/16/11 23:51		
Motor Oil Range SG	ND	mg/kg	93.6	46.8	1	08/12/11 12:55	08/16/11 23:51	64742-65-0	
Surrogates									
n-Octacosane (S) SG	110 %		50-150		1	08/12/11 12:55	08/16/11 23:51	630-02-4	
o-Terphenyl (S) SG	96 %		50-150		1	08/12/11 12:55	08/16/11 23:51	84-15-1	

NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx

Gasoline Range Organics	1.1J	mg/kg	10.7	0.43	1	08/12/11 12:00	08/12/11 23:05		
Surrogates									
a,a,a-Trifluorotoluene (S)	124 %		50-150		1	08/12/11 12:00	08/12/11 23:05	98-08-8	
4-Bromofluorobenzene (S)	98 %		50-150		1	08/12/11 12:00	08/12/11 23:05	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	3.5J	mg/kg	10.8	1.6	5	08/14/11 16:40	08/23/11 18:32	7440-38-2	
Cadmium	ND	mg/kg	5.4	0.059	5	08/14/11 16:40	08/23/11 18:32	7440-43-9	D3
Lead	4.7	mg/kg	1.1	0.068	1	08/14/11 16:40	08/23/11 21:26	7439-92-1	

8260/5035A Volatile Organics Analytical Method: EPA 8260

1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		08/15/11 13:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		08/15/11 13:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		08/15/11 13:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		08/15/11 13:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.55	1		08/15/11 13:52	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.33	1		08/15/11 13:52	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.51	1		08/15/11 13:52	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.48	1		08/15/11 13:52	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		08/15/11 13:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.47	1		08/15/11 13:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.33	1		08/15/11 13:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	0.71	1		08/15/11 13:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	0.54	1		08/15/11 13:52	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		08/15/11 13:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.34	1		08/15/11 13:52	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.1	0.31	1		08/15/11 13:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.3	0.51	1		08/15/11 13:52	540-59-0	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_59 10-12 Lab ID: 258739016 Collected: 08/04/11 08:35 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		08/15/11 13:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	0.44	1		08/15/11 13:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		08/15/11 13:52	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		08/15/11 13:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		08/15/11 13:52	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.26	1		08/15/11 13:52	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.8	2.1	1		08/15/11 13:52	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		08/15/11 13:52	95-49-8	
2-Hexanone	ND	ug/kg	13.8	0.49	1		08/15/11 13:52	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.37	1		08/15/11 13:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.8	0.42	1		08/15/11 13:52	108-10-1	
Acetone	41.5	ug/kg	13.8	1.5	1		08/15/11 13:52	67-64-1	1n
Benzene	0.24J	ug/kg	4.1	0.21	1		08/15/11 13:52	71-43-2	B
Bromobenzene	ND	ug/kg	4.1	0.32	1		08/15/11 13:52	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		08/15/11 13:52	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		08/15/11 13:52	75-27-4	
Bromoform	ND	ug/kg	4.1	0.32	1		08/15/11 13:52	75-25-2	
Bromomethane	ND	ug/kg	4.1	0.44	1		08/15/11 13:52	74-83-9	
Carbon disulfide	8.9	ug/kg	4.1	0.38	1		08/15/11 13:52	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		08/15/11 13:52	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	0.25	1		08/15/11 13:52	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.40	1		08/15/11 13:52	75-00-3	
Chloroform	ND	ug/kg	4.1	0.27	1		08/15/11 13:52	67-66-3	
Chloromethane	ND	ug/kg	4.1	0.28	1		08/15/11 13:52	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		08/15/11 13:52	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.29	1		08/15/11 13:52	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.57	1		08/15/11 13:52	75-71-8	
Ethylbenzene	ND	ug/kg	4.1	0.52	1		08/15/11 13:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	0.41	1		08/15/11 13:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	0.48	1		08/15/11 13:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.34	1		08/15/11 13:52	1634-04-4	
Methylene chloride	4.7J	ug/kg	13.8	3.6	1		08/15/11 13:52	75-09-2	
Naphthalene	ND	ug/kg	4.1	0.75	1		08/15/11 13:52	91-20-3	
Styrene	ND	ug/kg	4.1	0.40	1		08/15/11 13:52	100-42-5	
Tetrachloroethene	ND	ug/kg	4.1	0.53	1		08/15/11 13:52	127-18-4	
Toluene	ND	ug/kg	4.1	0.42	1		08/15/11 13:52	108-88-3	
Trichloroethene	ND	ug/kg	4.1	0.29	1		08/15/11 13:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.32	1		08/15/11 13:52	75-69-4	
Vinyl chloride	ND	ug/kg	4.1	0.38	1		08/15/11 13:52	75-01-4	
Xylene (Total)	ND	ug/kg	12.4	1.0	1		08/15/11 13:52	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	0.29	1		08/15/11 13:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		08/15/11 13:52	10061-01-5	
m&p-Xylene	ND	ug/kg	8.3	1.0	1		08/15/11 13:52	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.1	0.63	1		08/15/11 13:52	104-51-8	
n-Propylbenzene	ND	ug/kg	4.1	0.48	1		08/15/11 13:52	103-65-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_59 10-12 **Lab ID:** 258739016 Collected: 08/04/11 08:35 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
o-Xylene	ND	ug/kg	4.1	0.45	1		08/15/11 13:52	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.1	0.53	1		08/15/11 13:52	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.1	0.58	1		08/15/11 13:52	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.36	1		08/15/11 13:52	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.47	1		08/15/11 13:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	0.41	1		08/15/11 13:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.29	1		08/15/11 13:52	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/15/11 13:52	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/15/11 13:52	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/15/11 13:52	460-00-4	
1,2-Dichloroethane-d4 (S)	116 %		67-136		1		08/15/11 13:52	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	34.7 %		0.10	0.10	1		08/09/11 17:26		

Sample: SUP_SL_54 0-1 **Lab ID:** 258739017 Collected: 08/04/11 10:15 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	26.1	mg/kg	18.1	9.1	1	08/12/11 12:55	08/17/11 00:07		
Motor Oil Range SG	198	mg/kg	72.6	36.3	1	08/12/11 12:55	08/17/11 00:07	64742-65-0	
Surrogates									
n-Octacosane (S) SG	108 %		50-150		1	08/12/11 12:55	08/17/11 00:07	630-02-4	
o-Terphenyl (S) SG	99 %		50-150		1	08/12/11 12:55	08/17/11 00:07	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	2.5J	mg/kg	6.3	0.25	1	08/12/11 12:00	08/12/11 23:28		
Surrogates									
a,a,a-Trifluorotoluene (S)	122 %		50-150		1	08/12/11 12:00	08/12/11 23:28	98-08-8	
4-Bromofluorobenzene (S)	98 %		50-150		1	08/12/11 12:00	08/12/11 23:28	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	ND	mg/kg	9.0	1.3	5	08/14/11 16:40	08/23/11 18:35	7440-38-2	
Cadmium	ND	mg/kg	4.5	0.050	5	08/14/11 16:40	08/23/11 18:35	7440-43-9	D3
Lead	10.9J	mg/kg	18.1	1.1	20	08/14/11 16:40	08/24/11 17:38	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		08/15/11 14:09	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		08/15/11 14:09	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.30	1		08/15/11 14:09	79-34-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 0-1 Lab ID: 258739017 Collected: 08/04/11 10:15 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		08/15/11 14:09	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.44	1		08/15/11 14:09	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		08/15/11 14:09	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		08/15/11 14:09	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.38	1		08/15/11 14:09	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		08/15/11 14:09	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.37	1		08/15/11 14:09	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		08/15/11 14:09	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.57	1		08/15/11 14:09	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		08/15/11 14:09	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		08/15/11 14:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/15/11 14:09	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.24	1		08/15/11 14:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.6	0.41	1		08/15/11 14:09	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/15/11 14:09	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		08/15/11 14:09	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		08/15/11 14:09	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.30	1		08/15/11 14:09	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.26	1		08/15/11 14:09	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/15/11 14:09	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.0	1.7	1		08/15/11 14:09	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.34	1		08/15/11 14:09	95-49-8	
2-Hexanone	ND	ug/kg	11.0	0.39	1		08/15/11 14:09	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		08/15/11 14:09	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.0	0.33	1		08/15/11 14:09	108-10-1	
Acetone	9.3J	ug/kg	11.0	1.2	1		08/15/11 14:09	67-64-1	
Benzene	0.39J	ug/kg	3.3	0.16	1		08/15/11 14:09	71-43-2	B
Bromobenzene	ND	ug/kg	3.3	0.26	1		08/15/11 14:09	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		08/15/11 14:09	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		08/15/11 14:09	75-27-4	
Bromoform	ND	ug/kg	3.3	0.25	1		08/15/11 14:09	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		08/15/11 14:09	74-83-9	
Carbon disulfide	0.88J	ug/kg	3.3	0.31	1		08/15/11 14:09	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		08/15/11 14:09	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		08/15/11 14:09	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		08/15/11 14:09	75-00-3	
Chloroform	ND	ug/kg	3.3	0.21	1		08/15/11 14:09	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		08/15/11 14:09	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		08/15/11 14:09	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		08/15/11 14:09	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		08/15/11 14:09	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		08/15/11 14:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		08/15/11 14:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		08/15/11 14:09	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.27	1		08/15/11 14:09	1634-04-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 0-1 **Lab ID: 258739017** Collected: 08/04/11 10:15 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Methylene chloride	ND	ug/kg	11.0	2.9	1		08/15/11 14:09	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.60	1		08/15/11 14:09	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		08/15/11 14:09	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		08/15/11 14:09	127-18-4	
Toluene	ND	ug/kg	3.3	0.34	1		08/15/11 14:09	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		08/15/11 14:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		08/15/11 14:09	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		08/15/11 14:09	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	0.82	1		08/15/11 14:09	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		08/15/11 14:09	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		08/15/11 14:09	10061-01-5	
m&p-Xylene	ND	ug/kg	6.6	0.82	1		08/15/11 14:09	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.50	1		08/15/11 14:09	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		08/15/11 14:09	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		08/15/11 14:09	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.3	0.42	1		08/15/11 14:09	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		08/15/11 14:09	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.28	1		08/15/11 14:09	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		08/15/11 14:09	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		08/15/11 14:09	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		08/15/11 14:09	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/15/11 14:09	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/15/11 14:09	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/15/11 14:09	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/15/11 14:09	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	14.3 %		0.10	0.10	1		08/09/11 17:27		

Sample: SUP_SL_54 1-2 **Lab ID: 258739018** Collected: 08/04/11 10:17 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	22.4	11.2	1	08/12/11 12:55	08/17/11 00:40		
Motor Oil Range SG	ND	mg/kg	89.5	44.7	1	08/12/11 12:55	08/17/11 00:40	64742-65-0	
Surrogates									
n-Octacosane (S) SG	113 %		50-150		1	08/12/11 12:55	08/17/11 00:40	630-02-4	
o-Terphenyl (S) SG	99 %		50-150		1	08/12/11 12:55	08/17/11 00:40	84-15-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 1-2 Lab ID: 258739018 Collected: 08/04/11 10:17 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.80J	mg/kg	9.0	0.36	1	08/12/11 12:00	08/12/11 23:51		
Surrogates									
a,a,a-Trifluorotoluene (S)	122	%	50-150		1	08/12/11 12:00	08/12/11 23:51	98-08-8	
4-Bromofluorobenzene (S)	95	%	50-150		1	08/12/11 12:00	08/12/11 23:51	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1.7J	mg/kg	2.1	0.32	1	08/14/11 16:40	08/23/11 21:40	7440-38-2	
Cadmium	0.068J	mg/kg	1.1	0.012	1	08/14/11 16:40	08/23/11 21:40	7440-43-9	
Lead	13.5J	mg/kg	21.2	1.3	20	08/14/11 16:40	08/24/11 17:42	7439-92-1	D3
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	0.17	1		08/16/11 16:09	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	0.22	1		08/16/11 16:09	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	0.33	1		08/16/11 16:09	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	0.33	1		08/16/11 16:09	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	0.48	1		08/16/11 16:09	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	0.28	1		08/16/11 16:09	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	0.44	1		08/16/11 16:09	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.6	0.41	1		08/16/11 16:09	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	0.33	1		08/16/11 16:09	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	0.41	1		08/16/11 16:09	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	0.29	1		08/16/11 16:09	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	0.61	1		08/16/11 16:09	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	0.46	1		08/16/11 16:09	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	0.25	1		08/16/11 16:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		08/16/11 16:09	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	0.26	1		08/16/11 16:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.1	0.44	1		08/16/11 16:09	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.21	1		08/16/11 16:09	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.38	1		08/16/11 16:09	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		08/16/11 16:09	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.33	1		08/16/11 16:09	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.28	1		08/16/11 16:09	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/16/11 16:09	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.8	1.8	1		08/16/11 16:09	78-93-3	L3
2-Chlorotoluene	ND	ug/kg	3.6	0.37	1		08/16/11 16:09	95-49-8	
2-Hexanone	ND	ug/kg	11.8	0.43	1		08/16/11 16:09	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		08/16/11 16:09	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.8	0.36	1		08/16/11 16:09	108-10-1	
Acetone	12.0	ug/kg	11.8	1.3	1		08/16/11 16:09	67-64-1	1n,B,L1
Benzene	1.3J	ug/kg	3.6	0.18	1		08/16/11 16:09	71-43-2	
Bromobenzene	ND	ug/kg	3.6	0.28	1		08/16/11 16:09	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.26	1		08/16/11 16:09	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		08/16/11 16:09	75-27-4	
Bromoform	ND	ug/kg	3.6	0.27	1		08/16/11 16:09	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 1-2 Lab ID: 258739018 Collected: 08/04/11 10:17 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	3.6	0.38	1		08/16/11 16:09	74-83-9	
Carbon disulfide	0.78J	ug/kg	3.6	0.33	1		08/16/11 16:09	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	3.6	0.21	1		08/16/11 16:09	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		08/16/11 16:09	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.34	1		08/16/11 16:09	75-00-3	
Chloroform	ND	ug/kg	3.6	0.23	1		08/16/11 16:09	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.24	1		08/16/11 16:09	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		08/16/11 16:09	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		08/16/11 16:09	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.49	1		08/16/11 16:09	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.45	1		08/16/11 16:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.35	1		08/16/11 16:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.41	1		08/16/11 16:09	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		08/16/11 16:09	1634-04-4	
Methylene chloride	ND	ug/kg	11.8	3.1	1		08/16/11 16:09	75-09-2	L3
Naphthalene	1.0J	ug/kg	3.6	0.65	1		08/16/11 16:09	91-20-3	
Styrene	ND	ug/kg	3.6	0.34	1		08/16/11 16:09	100-42-5	
Tetrachloroethene	ND	ug/kg	3.6	0.45	1		08/16/11 16:09	127-18-4	
Toluene	0.49J	ug/kg	3.6	0.37	1		08/16/11 16:09	108-88-3	
Trichloroethene	ND	ug/kg	3.6	0.25	1		08/16/11 16:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	0.27	1		08/16/11 16:09	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.33	1		08/16/11 16:09	75-01-4	
Xylene (Total)	ND	ug/kg	10.7	0.89	1		08/16/11 16:09	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	0.25	1		08/16/11 16:09	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.15	1		08/16/11 16:09	10061-01-5	
m&p-Xylene	ND	ug/kg	7.1	0.89	1		08/16/11 16:09	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	0.54	1		08/16/11 16:09	104-51-8	
n-Propylbenzene	0.87J	ug/kg	3.6	0.42	1		08/16/11 16:09	103-65-1	B
o-Xylene	ND	ug/kg	3.6	0.39	1		08/16/11 16:09	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	0.46	1		08/16/11 16:09	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.50	1		08/16/11 16:09	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	0.31	1		08/16/11 16:09	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.41	1		08/16/11 16:09	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	0.36	1		08/16/11 16:09	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		08/16/11 16:09	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		72-129		1		08/16/11 16:09	1868-53-7	
Toluene-d8 (S)	100 %		69-133		1		08/16/11 16:09	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/16/11 16:09	460-00-4	
1,2-Dichloroethane-d4 (S)	100 %		67-136		1		08/16/11 16:09	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.7 %		0.10	0.10	1		08/09/11 17:28		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_54 2-4 **Lab ID:** 258739019 Collected: 08/04/11 10:21 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	171	mg/kg	21.3	10.7	1	08/12/11 12:55	08/17/11 00:56		
Motor Oil Range SG	399	mg/kg	85.3	42.7	1	08/12/11 12:55	08/17/11 00:56	64742-65-0	
Surrogates									
n-Octacosane (S) SG	110	%	50-150		1	08/12/11 12:55	08/17/11 00:56	630-02-4	
o-Terphenyl (S) SG	99	%	50-150		1	08/12/11 12:55	08/17/11 00:56	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.7J	mg/kg	8.0	0.32	1	08/12/11 12:00	08/13/11 00:15		
Surrogates									
a,a,a-Trifluorotoluene (S)	119	%	50-150		1	08/12/11 12:00	08/13/11 00:15	98-08-8	
4-Bromofluorobenzene (S)	91	%	50-150		1	08/12/11 12:00	08/13/11 00:15	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	3.2	mg/kg	2.6	0.38	1	08/14/11 16:40	08/23/11 21:44	7440-38-2	
Cadmium	0.24J	mg/kg	1.3	0.014	1	08/14/11 16:40	08/23/11 21:44	7440-43-9	
Lead	22.7J	mg/kg	25.8	1.6	20	08/14/11 16:40	08/24/11 17:46	7439-92-1	D3
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7	0.18	1		08/15/11 14:43	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.7	0.23	1		08/15/11 14:43	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	0.34	1		08/15/11 14:43	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.7	0.34	1		08/15/11 14:43	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	0.50	1		08/15/11 14:43	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.7	0.29	1		08/15/11 14:43	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.7	0.46	1		08/15/11 14:43	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.7	0.43	1		08/15/11 14:43	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.7	0.34	1		08/15/11 14:43	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.7	0.42	1		08/15/11 14:43	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	0.30	1		08/15/11 14:43	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.7	0.64	1		08/15/11 14:43	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	0.48	1		08/15/11 14:43	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	0.26	1		08/15/11 14:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.7	0.31	1		08/15/11 14:43	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.7	0.27	1		08/15/11 14:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.4	0.46	1		08/15/11 14:43	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.7	0.22	1		08/15/11 14:43	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.7	0.40	1		08/15/11 14:43	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.7	0.24	1		08/15/11 14:43	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.7	0.34	1		08/15/11 14:43	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.7	0.30	1		08/15/11 14:43	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.7	0.23	1		08/15/11 14:43	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.4	1.9	1		08/15/11 14:43	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.7	0.39	1		08/15/11 14:43	95-49-8	
2-Hexanone	ND	ug/kg	12.4	0.45	1		08/15/11 14:43	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.7	0.33	1		08/15/11 14:43	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 2-4 Lab ID: 258739019 Collected: 08/04/11 10:21 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.4	0.38	1		08/15/11 14:43	108-10-1	
Acetone	9.5J	ug/kg	12.4	1.4	1		08/15/11 14:43	67-64-1	
Benzene	1.7J	ug/kg	3.7	0.19	1		08/15/11 14:43	71-43-2	B
Bromobenzene	ND	ug/kg	3.7	0.29	1		08/15/11 14:43	108-86-1	
Bromochloromethane	ND	ug/kg	3.7	0.27	1		08/15/11 14:43	74-97-5	
Bromodichloromethane	ND	ug/kg	3.7	0.15	1		08/15/11 14:43	75-27-4	
Bromoform	ND	ug/kg	3.7	0.29	1		08/15/11 14:43	75-25-2	
Bromomethane	5.4	ug/kg	3.7	0.39	1		08/15/11 14:43	74-83-9	
Carbon disulfide	0.74J	ug/kg	3.7	0.35	1		08/15/11 14:43	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	3.7	0.22	1		08/15/11 14:43	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	0.23	1		08/15/11 14:43	108-90-7	
Chloroethane	ND	ug/kg	3.7	0.36	1		08/15/11 14:43	75-00-3	
Chloroform	ND	ug/kg	3.7	0.24	1		08/15/11 14:43	67-66-3	
Chloromethane	ND	ug/kg	3.7	0.26	1		08/15/11 14:43	74-87-3	
Dibromochloromethane	ND	ug/kg	3.7	0.12	1		08/15/11 14:43	124-48-1	
Dibromomethane	ND	ug/kg	3.7	0.26	1		08/15/11 14:43	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.7	0.51	1		08/15/11 14:43	75-71-8	
Ethylbenzene	ND	ug/kg	3.7	0.47	1		08/15/11 14:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.7	0.37	1		08/15/11 14:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	0.43	1		08/15/11 14:43	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.7	0.31	1		08/15/11 14:43	1634-04-4	
Methylene chloride	ND	ug/kg	12.4	3.3	1		08/15/11 14:43	75-09-2	
Naphthalene	ND	ug/kg	3.7	0.68	1		08/15/11 14:43	91-20-3	
Styrene	ND	ug/kg	3.7	0.36	1		08/15/11 14:43	100-42-5	
Tetrachloroethene	ND	ug/kg	3.7	0.47	1		08/15/11 14:43	127-18-4	
Toluene	0.48J	ug/kg	3.7	0.38	1		08/15/11 14:43	108-88-3	
Trichloroethene	ND	ug/kg	3.7	0.26	1		08/15/11 14:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	0.28	1		08/15/11 14:43	75-69-4	
Vinyl chloride	ND	ug/kg	3.7	0.35	1		08/15/11 14:43	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	0.93	1		08/15/11 14:43	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.7	0.26	1		08/15/11 14:43	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	0.16	1		08/15/11 14:43	10061-01-5	
m&p-Xylene	ND	ug/kg	7.4	0.93	1		08/15/11 14:43	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.7	0.57	1		08/15/11 14:43	104-51-8	
n-Propylbenzene	ND	ug/kg	3.7	0.44	1		08/15/11 14:43	103-65-1	
o-Xylene	ND	ug/kg	3.7	0.40	1		08/15/11 14:43	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.7	0.48	1		08/15/11 14:43	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.7	0.52	1		08/15/11 14:43	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.7	0.32	1		08/15/11 14:43	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.7	0.43	1		08/15/11 14:43	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	0.37	1		08/15/11 14:43	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	0.26	1		08/15/11 14:43	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/15/11 14:43	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/15/11 14:43	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_54 2-4 **Lab ID: 258739019** Collected: 08/04/11 10:21 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	101 %		67-142		1		08/15/11 14:43	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/15/11 14:43	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	26.9 %		0.10	0.10	1		08/09/11 17:28		

Sample: SUP_SL_54 4-6 **Lab ID: 258739020** Collected: 08/04/11 10:23 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	65.7 mg/kg		21.6	10.8	1	08/12/11 12:55	08/17/11 01:45		
Motor Oil Range SG	664 mg/kg		86.6	43.3	1	08/12/11 12:55	08/17/11 01:45	64742-65-0	
Surrogates									
n-Octacosane (S) SG	124 %		50-150		1	08/12/11 12:55	08/17/11 01:45	630-02-4	
o-Terphenyl (S) SG	104 %		50-150		1	08/12/11 12:55	08/17/11 01:45	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.5J mg/kg		9.1	0.37	1	08/12/11 12:00	08/13/11 00:38		
Surrogates									
a,a,a-Trifluorotoluene (S)	117 %		50-150		1	08/12/11 12:00	08/13/11 00:38	98-08-8	
4-Bromofluorobenzene (S)	90 %		50-150		1	08/12/11 12:00	08/13/11 00:38	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	88.3 mg/kg		11.4	1.7	5	08/14/11 16:40	08/23/11 18:53	7440-38-2	
Cadmium	0.44J mg/kg		5.7	0.063	5	08/14/11 16:40	08/23/11 18:53	7440-43-9	
Lead	793 mg/kg		5.7	0.36	5	08/14/11 16:40	08/23/11 18:53	7439-92-1	D3

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		3.7	0.18	1		08/15/11 15:00	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		3.7	0.23	1		08/15/11 15:00	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		3.7	0.34	1		08/15/11 15:00	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		3.7	0.34	1		08/15/11 15:00	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		3.7	0.50	1		08/15/11 15:00	76-13-1	
1,1-Dichloroethane	ND ug/kg		3.7	0.29	1		08/15/11 15:00	75-34-3	
1,1-Dichloroethene	ND ug/kg		3.7	0.46	1		08/15/11 15:00	75-35-4	
1,1-Dichloropropene	ND ug/kg		3.7	0.43	1		08/15/11 15:00	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		3.7	0.34	1		08/15/11 15:00	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		3.7	0.42	1		08/15/11 15:00	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		3.7	0.30	1		08/15/11 15:00	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		3.7	0.64	1		08/15/11 15:00	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 4-6 Lab ID: 258739020 Collected: 08/04/11 10:23 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	0.48	1		08/15/11 15:00	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	0.26	1		08/15/11 15:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.7	0.30	1		08/15/11 15:00	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.7	0.27	1		08/15/11 15:00	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.4	0.46	1		08/15/11 15:00	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.7	0.22	1		08/15/11 15:00	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.7	0.39	1		08/15/11 15:00	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.7	0.23	1		08/15/11 15:00	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.7	0.34	1		08/15/11 15:00	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.7	0.30	1		08/15/11 15:00	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.7	0.23	1		08/15/11 15:00	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.3	1.9	1		08/15/11 15:00	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.7	0.39	1		08/15/11 15:00	95-49-8	
2-Hexanone	ND	ug/kg	12.3	0.44	1		08/15/11 15:00	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.7	0.33	1		08/15/11 15:00	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.3	0.38	1		08/15/11 15:00	108-10-1	
Acetone	18.0	ug/kg	12.3	1.4	1		08/15/11 15:00	67-64-1	1n
Benzene	0.61J	ug/kg	3.7	0.19	1		08/15/11 15:00	71-43-2	B
Bromobenzene	ND	ug/kg	3.7	0.29	1		08/15/11 15:00	108-86-1	
Bromochloromethane	ND	ug/kg	3.7	0.27	1		08/15/11 15:00	74-97-5	
Bromodichloromethane	ND	ug/kg	3.7	0.15	1		08/15/11 15:00	75-27-4	
Bromoform	ND	ug/kg	3.7	0.29	1		08/15/11 15:00	75-25-2	
Bromomethane	1.7J	ug/kg	3.7	0.39	1		08/15/11 15:00	74-83-9	
Carbon disulfide	1.5J	ug/kg	3.7	0.34	1		08/15/11 15:00	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	3.7	0.22	1		08/15/11 15:00	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	0.23	1		08/15/11 15:00	108-90-7	
Chloroethane	ND	ug/kg	3.7	0.36	1		08/15/11 15:00	75-00-3	
Chloroform	ND	ug/kg	3.7	0.24	1		08/15/11 15:00	67-66-3	
Chloromethane	ND	ug/kg	3.7	0.25	1		08/15/11 15:00	74-87-3	
Dibromochloromethane	ND	ug/kg	3.7	0.12	1		08/15/11 15:00	124-48-1	
Dibromomethane	ND	ug/kg	3.7	0.26	1		08/15/11 15:00	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.7	0.51	1		08/15/11 15:00	75-71-8	
Ethylbenzene	ND	ug/kg	3.7	0.47	1		08/15/11 15:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.7	0.37	1		08/15/11 15:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	0.43	1		08/15/11 15:00	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.7	0.31	1		08/15/11 15:00	1634-04-4	
Methylene chloride	4.9J	ug/kg	12.3	3.3	1		08/15/11 15:00	75-09-2	
Naphthalene	ND	ug/kg	3.7	0.68	1		08/15/11 15:00	91-20-3	
Styrene	ND	ug/kg	3.7	0.35	1		08/15/11 15:00	100-42-5	
Tetrachloroethene	ND	ug/kg	3.7	0.47	1		08/15/11 15:00	127-18-4	
Toluene	ND	ug/kg	3.7	0.38	1		08/15/11 15:00	108-88-3	
Trichloroethene	ND	ug/kg	3.7	0.26	1		08/15/11 15:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	0.28	1		08/15/11 15:00	75-69-4	
Vinyl chloride	ND	ug/kg	3.7	0.35	1		08/15/11 15:00	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	0.92	1		08/15/11 15:00	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 4-6 **Lab ID:** 258739020 Collected: 08/04/11 10:23 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.7	0.26	1		08/15/11 15:00	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	0.16	1		08/15/11 15:00	10061-01-5	
m&p-Xylene	ND	ug/kg	7.4	0.92	1		08/15/11 15:00	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.7	0.56	1		08/15/11 15:00	104-51-8	
n-Propylbenzene	ND	ug/kg	3.7	0.43	1		08/15/11 15:00	103-65-1	
o-Xylene	ND	ug/kg	3.7	0.40	1		08/15/11 15:00	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.7	0.48	1		08/15/11 15:00	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.7	0.52	1		08/15/11 15:00	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.7	0.32	1		08/15/11 15:00	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.7	0.43	1		08/15/11 15:00	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	0.37	1		08/15/11 15:00	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	0.26	1		08/15/11 15:00	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/15/11 15:00	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/15/11 15:00	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/15/11 15:00	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/15/11 15:00	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.5 %		0.10	0.10	1		08/09/11 17:32		

Sample: SUP_SL_54 6-8 **Lab ID:** 258739021 Collected: 08/04/11 10:25 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	13.1J	mg/kg	23.0	11.5	1	08/12/11 12:55	08/17/11 02:01		
Motor Oil Range SG	ND	mg/kg	91.8	45.9	1	08/12/11 12:55	08/17/11 02:01	64742-65-0	
Surrogates									
n-Octacosane (S) SG	109 %		50-150		1	08/12/11 12:55	08/17/11 02:01	630-02-4	
o-Terphenyl (S) SG	100 %		50-150		1	08/12/11 12:55	08/17/11 02:01	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.1J	mg/kg	9.6	0.38	1	08/12/11 12:00	08/13/11 01:02		
Surrogates									
a,a,a-Trifluorotoluene (S)	122 %		50-150		1	08/12/11 12:00	08/13/11 01:02	98-08-8	
4-Bromofluorobenzene (S)	95 %		50-150		1	08/12/11 12:00	08/13/11 01:02	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	128	mg/kg	12.5	1.9	5	08/14/11 16:40	08/23/11 18:56	7440-38-2	
Cadmium	0.59J	mg/kg	6.2	0.069	5	08/14/11 16:40	08/23/11 18:56	7440-43-9	D3
Lead	115	mg/kg	1.2	0.079	1	08/14/11 16:40	08/23/11 21:51	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 6-8 Lab ID: 258739021 Collected: 08/04/11 10:25 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	0.20	1		08/15/11 15:17	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.1	0.25	1		08/15/11 15:17	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	0.38	1		08/15/11 15:17	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.1	0.38	1		08/15/11 15:17	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	0.55	1		08/15/11 15:17	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.1	0.32	1		08/15/11 15:17	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.1	0.51	1		08/15/11 15:17	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.1	0.48	1		08/15/11 15:17	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	0.38	1		08/15/11 15:17	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.1	0.47	1		08/15/11 15:17	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	0.33	1		08/15/11 15:17	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	0.71	1		08/15/11 15:17	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	0.53	1		08/15/11 15:17	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	0.29	1		08/15/11 15:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	0.34	1		08/15/11 15:17	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.1	0.30	1		08/15/11 15:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.2	0.51	1		08/15/11 15:17	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.1	0.25	1		08/15/11 15:17	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	0.44	1		08/15/11 15:17	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.1	0.26	1		08/15/11 15:17	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.1	0.38	1		08/15/11 15:17	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.1	0.33	1		08/15/11 15:17	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.1	0.26	1		08/15/11 15:17	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.7	2.1	1		08/15/11 15:17	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.1	0.43	1		08/15/11 15:17	95-49-8	
2-Hexanone	ND	ug/kg	13.7	0.49	1		08/15/11 15:17	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.1	0.36	1		08/15/11 15:17	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.7	0.42	1		08/15/11 15:17	108-10-1	
Acetone	19.3	ug/kg	13.7	1.5	1		08/15/11 15:17	67-64-1	1n
Benzene	0.43J	ug/kg	4.1	0.21	1		08/15/11 15:17	71-43-2	B
Bromobenzene	ND	ug/kg	4.1	0.32	1		08/15/11 15:17	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	0.30	1		08/15/11 15:17	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	0.16	1		08/15/11 15:17	75-27-4	
Bromoform	ND	ug/kg	4.1	0.32	1		08/15/11 15:17	75-25-2	
Bromomethane	ND	ug/kg	4.1	0.43	1		08/15/11 15:17	74-83-9	
Carbon disulfide	18.8	ug/kg	4.1	0.38	1		08/15/11 15:17	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	4.1	0.25	1		08/15/11 15:17	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	0.25	1		08/15/11 15:17	108-90-7	
Chloroethane	ND	ug/kg	4.1	0.40	1		08/15/11 15:17	75-00-3	
Chloroform	ND	ug/kg	4.1	0.27	1		08/15/11 15:17	67-66-3	
Chloromethane	ND	ug/kg	4.1	0.28	1		08/15/11 15:17	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	0.14	1		08/15/11 15:17	124-48-1	
Dibromomethane	ND	ug/kg	4.1	0.29	1		08/15/11 15:17	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.1	0.57	1		08/15/11 15:17	75-71-8	
Ethylbenzene	ND	ug/kg	4.1	0.52	1		08/15/11 15:17	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 6-8 **Lab ID:** 258739021 Collected: 08/04/11 10:25 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	0.41	1		08/15/11 15:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	0.47	1		08/15/11 15:17	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	0.34	1		08/15/11 15:17	1634-04-4	
Methylene chloride	5.4J	ug/kg	13.7	3.6	1		08/15/11 15:17	75-09-2	
Naphthalene	ND	ug/kg	4.1	0.75	1		08/15/11 15:17	91-20-3	
Styrene	ND	ug/kg	4.1	0.39	1		08/15/11 15:17	100-42-5	
Tetrachloroethene	ND	ug/kg	4.1	0.52	1		08/15/11 15:17	127-18-4	
Toluene	ND	ug/kg	4.1	0.42	1		08/15/11 15:17	108-88-3	
Trichloroethene	ND	ug/kg	4.1	0.29	1		08/15/11 15:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	0.31	1		08/15/11 15:17	75-69-4	
Vinyl chloride	ND	ug/kg	4.1	0.38	1		08/15/11 15:17	75-01-4	
Xylene (Total)	ND	ug/kg	12.3	1.0	1		08/15/11 15:17	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	0.29	1		08/15/11 15:17	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	0.18	1		08/15/11 15:17	10061-01-5	
m&p-Xylene	ND	ug/kg	8.2	1.0	1		08/15/11 15:17	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.1	0.63	1		08/15/11 15:17	104-51-8	
n-Propylbenzene	ND	ug/kg	4.1	0.48	1		08/15/11 15:17	103-65-1	
o-Xylene	ND	ug/kg	4.1	0.45	1		08/15/11 15:17	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.1	0.53	1		08/15/11 15:17	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.1	0.57	1		08/15/11 15:17	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.1	0.35	1		08/15/11 15:17	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.1	0.47	1		08/15/11 15:17	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	0.41	1		08/15/11 15:17	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	0.29	1		08/15/11 15:17	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/15/11 15:17	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/15/11 15:17	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/15/11 15:17	460-00-4	
1,2-Dichloroethane-d4 (S)	112 %		67-136		1		08/15/11 15:17	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	33.7 %		0.10	0.10	1		08/09/11 17:33		

Sample: SUP_SL_54 8-10 **Lab ID:** 258739022 Collected: 08/04/11 10:35 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	23.4	11.7	1	08/12/11 12:55	08/17/11 02:17		
Motor Oil Range SG	ND	mg/kg	93.4	46.7	1	08/12/11 12:55	08/17/11 02:17	64742-65-0	
Surrogates									
n-Octacosane (S) SG	108 %		50-150		1	08/12/11 12:55	08/17/11 02:17	630-02-4	
o-Terphenyl (S) SG	98 %		50-150		1	08/12/11 12:55	08/17/11 02:17	84-15-1	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 56 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 8-10 Lab ID: 258739022 Collected: 08/04/11 10:35 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.0J	mg/kg	9.5	0.38	1	08/12/11 12:00	08/13/11 01:50		
Surrogates									
a,a,a-Trifluorotoluene (S)	117	%	50-150		1	08/12/11 12:00	08/13/11 01:50	98-08-8	
4-Bromofluorobenzene (S)	94	%	50-150		1	08/12/11 12:00	08/13/11 01:50	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	12.6	mg/kg	11.0	1.6	5	08/14/11 16:40	08/23/11 19:00	7440-38-2	
Cadmium	0.13J	mg/kg	5.5	0.061	5	08/14/11 16:40	08/23/11 19:00	7440-43-9	D3
Lead	22.5	mg/kg	1.1	0.070	1	08/14/11 16:40	08/23/11 21:54	7439-92-1	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	0.22	1		08/15/11 15:34	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.5	0.27	1		08/15/11 15:34	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	0.41	1		08/15/11 15:34	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.5	0.42	1		08/15/11 15:34	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	0.60	1		08/15/11 15:34	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.5	0.35	1		08/15/11 15:34	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.5	0.55	1		08/15/11 15:34	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.5	0.52	1		08/15/11 15:34	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	0.42	1		08/15/11 15:34	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.5	0.51	1		08/15/11 15:34	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	0.36	1		08/15/11 15:34	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	0.77	1		08/15/11 15:34	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	0.58	1		08/15/11 15:34	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	0.31	1		08/15/11 15:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	0.37	1		08/15/11 15:34	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.5	0.33	1		08/15/11 15:34	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.0	0.55	1		08/15/11 15:34	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.5	0.27	1		08/15/11 15:34	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	0.48	1		08/15/11 15:34	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.5	0.28	1		08/15/11 15:34	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.5	0.41	1		08/15/11 15:34	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.5	0.36	1		08/15/11 15:34	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.5	0.28	1		08/15/11 15:34	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.9	2.3	1		08/15/11 15:34	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.5	0.47	1		08/15/11 15:34	95-49-8	
2-Hexanone	ND	ug/kg	14.9	0.54	1		08/15/11 15:34	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.5	0.40	1		08/15/11 15:34	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.9	0.45	1		08/15/11 15:34	108-10-1	
Acetone	25.9	ug/kg	14.9	1.6	1		08/15/11 15:34	67-64-1	1n
Benzene	0.33J	ug/kg	4.5	0.22	1		08/15/11 15:34	71-43-2	B
Bromobenzene	ND	ug/kg	4.5	0.35	1		08/15/11 15:34	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	0.33	1		08/15/11 15:34	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	0.18	1		08/15/11 15:34	75-27-4	
Bromoform	ND	ug/kg	4.5	0.35	1		08/15/11 15:34	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 8-10 Lab ID: 258739022 Collected: 08/04/11 10:35 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
Bromomethane	ND	ug/kg	4.5	0.47	1		08/15/11 15:34	74-83-9	
Carbon disulfide	22.2	ug/kg	4.5	0.42	1		08/15/11 15:34	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	4.5	0.27	1		08/15/11 15:34	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	0.27	1		08/15/11 15:34	108-90-7	
Chloroethane	ND	ug/kg	4.5	0.43	1		08/15/11 15:34	75-00-3	
Chloroform	ND	ug/kg	4.5	0.29	1		08/15/11 15:34	67-66-3	
Chloromethane	ND	ug/kg	4.5	0.31	1		08/15/11 15:34	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	0.15	1		08/15/11 15:34	124-48-1	
Dibromomethane	ND	ug/kg	4.5	0.31	1		08/15/11 15:34	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.5	0.62	1		08/15/11 15:34	75-71-8	
Ethylbenzene	ND	ug/kg	4.5	0.57	1		08/15/11 15:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	0.44	1		08/15/11 15:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	0.52	1		08/15/11 15:34	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	0.37	1		08/15/11 15:34	1634-04-4	
Methylene chloride	6.8J	ug/kg	14.9	3.9	1		08/15/11 15:34	75-09-2	
Naphthalene	ND	ug/kg	4.5	0.82	1		08/15/11 15:34	91-20-3	
Styrene	ND	ug/kg	4.5	0.43	1		08/15/11 15:34	100-42-5	
Tetrachloroethene	ND	ug/kg	4.5	0.57	1		08/15/11 15:34	127-18-4	
Toluene	4.9	ug/kg	4.5	0.46	1		08/15/11 15:34	108-88-3	
Trichloroethene	ND	ug/kg	4.5	0.31	1		08/15/11 15:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	0.34	1		08/15/11 15:34	75-69-4	
Vinyl chloride	ND	ug/kg	4.5	0.42	1		08/15/11 15:34	75-01-4	
Xylene (Total)	ND	ug/kg	13.4	1.1	1		08/15/11 15:34	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	0.31	1		08/15/11 15:34	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	0.19	1		08/15/11 15:34	10061-01-5	
m&p-Xylene	ND	ug/kg	9.0	1.1	1		08/15/11 15:34	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.5	0.68	1		08/15/11 15:34	104-51-8	
n-Propylbenzene	ND	ug/kg	4.5	0.53	1		08/15/11 15:34	103-65-1	
o-Xylene	ND	ug/kg	4.5	0.49	1		08/15/11 15:34	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.5	0.57	1		08/15/11 15:34	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.5	0.62	1		08/15/11 15:34	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.5	0.39	1		08/15/11 15:34	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.5	0.52	1		08/15/11 15:34	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	0.45	1		08/15/11 15:34	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	0.31	1		08/15/11 15:34	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/15/11 15:34	1868-53-7	
Toluene-d8 (S)	96	%	69-133		1		08/15/11 15:34	2037-26-5	
4-Bromofluorobenzene (S)	99	%	67-142		1		08/15/11 15:34	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	67-136		1		08/15/11 15:34	17060-07-0	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	32.9	%	0.10	0.10	1		08/09/11 17:33		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 10-12 Lab ID: 258739023 Collected: 08/04/11 10:37 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	23.7	11.9	1	08/12/11 12:55	08/17/11 02:33		
Motor Oil Range SG	ND	mg/kg	94.9	47.5	1	08/12/11 12:55	08/17/11 02:33	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103 %		50-150		1	08/12/11 12:55	08/17/11 02:33	630-02-4	
o-Terphenyl (S) SG	98 %		50-150		1	08/12/11 12:55	08/17/11 02:33	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.2J	mg/kg	10.7	0.43	1	08/12/11 12:00	08/13/11 02:14		
Surrogates									
a,a,a-Trifluorotoluene (S)	124 %		50-150		1	08/12/11 12:00	08/13/11 02:14	98-08-8	
4-Bromofluorobenzene (S)	100 %		50-150		1	08/12/11 12:00	08/13/11 02:14	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	5.6J	mg/kg	13.3	2.0	5	08/14/11 16:42	08/23/11 19:10	7440-38-2	
Cadmium	0.20J	mg/kg	6.7	0.073	5	08/14/11 16:42	08/23/11 19:10	7440-43-9	D3
Lead	4.3	mg/kg	1.3	0.084	1	08/14/11 16:42	08/23/11 21:58	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	0.25	1		08/15/11 15:50	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.1	0.31	1		08/15/11 15:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	0.47	1		08/15/11 15:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.1	0.48	1		08/15/11 15:50	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.1	0.69	1		08/15/11 15:50	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.1	0.41	1		08/15/11 15:50	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.1	0.63	1		08/15/11 15:50	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.1	0.60	1		08/15/11 15:50	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	0.48	1		08/15/11 15:50	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.1	0.58	1		08/15/11 15:50	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	0.42	1		08/15/11 15:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	0.88	1		08/15/11 15:50	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.5	0.67	1		08/15/11 15:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	0.36	1		08/15/11 15:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.1	0.42	1		08/15/11 15:50	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.1	0.38	1		08/15/11 15:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.3	0.63	1		08/15/11 15:50	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.1	0.31	1		08/15/11 15:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	0.55	1		08/15/11 15:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.1	0.32	1		08/15/11 15:50	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.1	0.47	1		08/15/11 15:50	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.1	0.41	1		08/15/11 15:50	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.1	0.32	1		08/15/11 15:50	594-20-7	
2-Butanone (MEK)	ND	ug/kg	17.1	2.6	1		08/15/11 15:50	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.1	0.54	1		08/15/11 15:50	95-49-8	
2-Hexanone	ND	ug/kg	17.1	0.61	1		08/15/11 15:50	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.1	0.45	1		08/15/11 15:50	106-43-4	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 59 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 10-12 Lab ID: 258739023 Collected: 08/04/11 10:37 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.1	0.52	1		08/15/11 15:50	108-10-1	
Acetone	49.9	ug/kg	17.1	1.9	1		08/15/11 15:50	67-64-1	1n
Benzene	0.36J	ug/kg	5.1	0.26	1		08/15/11 15:50	71-43-2	B
Bromobenzene	ND	ug/kg	5.1	0.40	1		08/15/11 15:50	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	0.38	1		08/15/11 15:50	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	0.20	1		08/15/11 15:50	75-27-4	
Bromoform	ND	ug/kg	5.1	0.40	1		08/15/11 15:50	75-25-2	
Bromomethane	ND	ug/kg	5.1	0.54	1		08/15/11 15:50	74-83-9	
Carbon disulfide	27.9	ug/kg	5.1	0.48	1		08/15/11 15:50	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	5.1	0.31	1		08/15/11 15:50	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	0.31	1		08/15/11 15:50	108-90-7	
Chloroethane	ND	ug/kg	5.1	0.49	1		08/15/11 15:50	75-00-3	
Chloroform	ND	ug/kg	5.1	0.33	1		08/15/11 15:50	67-66-3	
Chloromethane	ND	ug/kg	5.1	0.35	1		08/15/11 15:50	74-87-3	
Dibromochloromethane	ND	ug/kg	5.1	0.17	1		08/15/11 15:50	124-48-1	
Dibromomethane	ND	ug/kg	5.1	0.36	1		08/15/11 15:50	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.1	0.71	1		08/15/11 15:50	75-71-8	
Ethylbenzene	ND	ug/kg	5.1	0.65	1		08/15/11 15:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	0.51	1		08/15/11 15:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	0.59	1		08/15/11 15:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.1	0.43	1		08/15/11 15:50	1634-04-4	
Methylene chloride	7.7J	ug/kg	17.1	4.5	1		08/15/11 15:50	75-09-2	
Naphthalene	ND	ug/kg	5.1	0.94	1		08/15/11 15:50	91-20-3	
Styrene	ND	ug/kg	5.1	0.49	1		08/15/11 15:50	100-42-5	
Tetrachloroethene	ND	ug/kg	5.1	0.65	1		08/15/11 15:50	127-18-4	
Toluene	3.6J	ug/kg	5.1	0.53	1		08/15/11 15:50	108-88-3	
Trichloroethene	ND	ug/kg	5.1	0.36	1		08/15/11 15:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	0.39	1		08/15/11 15:50	75-69-4	
Vinyl chloride	ND	ug/kg	5.1	0.48	1		08/15/11 15:50	75-01-4	
Xylene (Total)	ND	ug/kg	15.4	1.3	1		08/15/11 15:50	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	0.36	1		08/15/11 15:50	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	0.22	1		08/15/11 15:50	10061-01-5	
m&p-Xylene	ND	ug/kg	10.3	1.3	1		08/15/11 15:50	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.1	0.78	1		08/15/11 15:50	104-51-8	
n-Propylbenzene	ND	ug/kg	5.1	0.60	1		08/15/11 15:50	103-65-1	
o-Xylene	ND	ug/kg	5.1	0.56	1		08/15/11 15:50	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.1	0.66	1		08/15/11 15:50	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.1	0.72	1		08/15/11 15:50	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.1	0.44	1		08/15/11 15:50	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.1	0.59	1		08/15/11 15:50	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	0.51	1		08/15/11 15:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	0.36	1		08/15/11 15:50	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110 %		72-129		1		08/15/11 15:50	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/15/11 15:50	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_54 10-12 **Lab ID: 258739023** Collected: 08/04/11 10:37 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Surrogates									
4-Bromofluorobenzene (S)	99 %		67-142		1		08/15/11 15:50	460-00-4	
1,2-Dichloroethane-d4 (S)	116 %		67-136		1		08/15/11 15:50	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	36.4 %		0.10	0.10	1		08/09/11 17:34		

Sample: SUP_SL_54 12-14 **Lab ID: 258739024** Collected: 08/04/11 10:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	22.3	11.1	1	08/12/11 12:55	08/17/11 02:50		
Motor Oil Range SG	ND	mg/kg	89.1	44.6	1	08/12/11 12:55	08/17/11 02:50	64742-65-0	
Surrogates									
n-Octacosane (S) SG	116 %		50-150		1	08/12/11 12:55	08/17/11 02:50	630-02-4	
o-Terphenyl (S) SG	103 %		50-150		1	08/12/11 12:55	08/17/11 02:50	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.90J	mg/kg	8.2	0.33	1	08/12/11 12:00	08/13/11 02:37		
Surrogates									
a,a,a-Trifluorotoluene (S)	119 %		50-150		1	08/12/11 12:00	08/13/11 02:37	98-08-8	
4-Bromofluorobenzene (S)	97 %		50-150		1	08/12/11 12:00	08/13/11 02:37	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	3.3J	mg/kg	11.8	1.8	5	08/14/11 16:42	08/23/11 19:20	7440-38-2	
Cadmium	0.17J	mg/kg	5.9	0.065	5	08/14/11 16:42	08/23/11 19:20	7440-43-9	D3
Lead	12.2	mg/kg	1.2	0.074	1	08/14/11 16:42	08/23/11 22:09	7439-92-1	

8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7	0.18	1		08/15/11 16:07	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.7	0.22	1		08/15/11 16:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	0.34	1		08/15/11 16:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.7	0.34	1		08/15/11 16:07	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	0.49	1		08/15/11 16:07	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.7	0.29	1		08/15/11 16:07	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.7	0.45	1		08/15/11 16:07	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.7	0.43	1		08/15/11 16:07	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.7	0.34	1		08/15/11 16:07	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.7	0.42	1		08/15/11 16:07	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	0.30	1		08/15/11 16:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.7	0.63	1		08/15/11 16:07	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 12-14 Lab ID: 258739024 Collected: 08/04/11 10:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	0.48	1		08/15/11 16:07	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	0.26	1		08/15/11 16:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.7	0.30	1		08/15/11 16:07	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.7	0.27	1		08/15/11 16:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.4	0.45	1		08/15/11 16:07	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.7	0.22	1		08/15/11 16:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.7	0.39	1		08/15/11 16:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.7	0.23	1		08/15/11 16:07	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.7	0.34	1		08/15/11 16:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.7	0.29	1		08/15/11 16:07	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.7	0.23	1		08/15/11 16:07	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.3	1.9	1		08/15/11 16:07	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.7	0.39	1		08/15/11 16:07	95-49-8	
2-Hexanone	ND	ug/kg	12.3	0.44	1		08/15/11 16:07	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.7	0.33	1		08/15/11 16:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.3	0.37	1		08/15/11 16:07	108-10-1	
Acetone	22.8	ug/kg	12.3	1.3	1		08/15/11 16:07	67-64-1	1n
Benzene	0.29J	ug/kg	3.7	0.18	1		08/15/11 16:07	71-43-2	B
Bromobenzene	ND	ug/kg	3.7	0.29	1		08/15/11 16:07	108-86-1	
Bromochloromethane	ND	ug/kg	3.7	0.27	1		08/15/11 16:07	74-97-5	
Bromodichloromethane	ND	ug/kg	3.7	0.14	1		08/15/11 16:07	75-27-4	
Bromoform	ND	ug/kg	3.7	0.28	1		08/15/11 16:07	75-25-2	
Bromomethane	ND	ug/kg	3.7	0.39	1		08/15/11 16:07	74-83-9	
Carbon disulfide	9.8	ug/kg	3.7	0.34	1		08/15/11 16:07	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	3.7	0.22	1		08/15/11 16:07	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	0.22	1		08/15/11 16:07	108-90-7	
Chloroethane	ND	ug/kg	3.7	0.35	1		08/15/11 16:07	75-00-3	
Chloroform	ND	ug/kg	3.7	0.24	1		08/15/11 16:07	67-66-3	
Chloromethane	ND	ug/kg	3.7	0.25	1		08/15/11 16:07	74-87-3	
Dibromochloromethane	ND	ug/kg	3.7	0.12	1		08/15/11 16:07	124-48-1	
Dibromomethane	ND	ug/kg	3.7	0.26	1		08/15/11 16:07	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.7	0.51	1		08/15/11 16:07	75-71-8	
Ethylbenzene	ND	ug/kg	3.7	0.47	1		08/15/11 16:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.7	0.36	1		08/15/11 16:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	0.43	1		08/15/11 16:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.7	0.31	1		08/15/11 16:07	1634-04-4	
Methylene chloride	6.1J	ug/kg	12.3	3.2	1		08/15/11 16:07	75-09-2	
Naphthalene	ND	ug/kg	3.7	0.67	1		08/15/11 16:07	91-20-3	
Styrene	ND	ug/kg	3.7	0.35	1		08/15/11 16:07	100-42-5	
Tetrachloroethene	ND	ug/kg	3.7	0.47	1		08/15/11 16:07	127-18-4	
Toluene	ND	ug/kg	3.7	0.38	1		08/15/11 16:07	108-88-3	
Trichloroethene	ND	ug/kg	3.7	0.26	1		08/15/11 16:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	0.28	1		08/15/11 16:07	75-69-4	
Vinyl chloride	ND	ug/kg	3.7	0.34	1		08/15/11 16:07	75-01-4	
Xylene (Total)	ND	ug/kg	11.0	0.92	1		08/15/11 16:07	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_54 12-14 Lab ID: 258739024 Collected: 08/04/11 10:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.7	0.26	1		08/15/11 16:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	0.16	1		08/15/11 16:07	10061-01-5	
m&p-Xylene	ND	ug/kg	7.4	0.92	1		08/15/11 16:07	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.7	0.56	1		08/15/11 16:07	104-51-8	
n-Propylbenzene	ND	ug/kg	3.7	0.43	1		08/15/11 16:07	103-65-1	
o-Xylene	ND	ug/kg	3.7	0.40	1		08/15/11 16:07	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.7	0.47	1		08/15/11 16:07	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.7	0.51	1		08/15/11 16:07	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.7	0.32	1		08/15/11 16:07	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.7	0.42	1		08/15/11 16:07	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	0.37	1		08/15/11 16:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	0.26	1		08/15/11 16:07	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108 %		72-129		1		08/15/11 16:07	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/15/11 16:07	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/15/11 16:07	460-00-4	
1,2-Dichloroethane-d4 (S)	109 %		67-136		1		08/15/11 16:07	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	29.4 %		0.10	0.10	1		08/09/11 17:35		

Sample: SUP_SL_54 14-16 Lab ID: 258739025 Collected: 08/04/11 10:42 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	20.8	10.4	1	08/12/11 12:55	08/17/11 03:06		
Motor Oil Range SG	ND	mg/kg	83.1	41.5	1	08/12/11 12:55	08/17/11 03:06	64742-65-0	
Surrogates									
n-Octacosane (S) SG	112 %		50-150		1	08/12/11 12:55	08/17/11 03:06	630-02-4	
o-Terphenyl (S) SG	99 %		50-150		1	08/12/11 12:55	08/17/11 03:06	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.72J	mg/kg	6.9	0.28	1	08/12/11 12:00	08/13/11 03:01		
Surrogates									
a,a,a-Trifluorotoluene (S)	120 %		50-150		1	08/12/11 12:00	08/13/11 03:01	98-08-8	
4-Bromofluorobenzene (S)	95 %		50-150		1	08/12/11 12:00	08/13/11 03:01	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	ND	mg/kg	9.7	1.4	5	08/14/11 16:42	08/23/11 19:31	7440-38-2	
Cadmium	ND	mg/kg	4.8	0.053	5	08/14/11 16:42	08/23/11 19:31	7440-43-9	D3
Lead	2.9	mg/kg	0.97	0.061	1	08/14/11 16:42	08/23/11 22:13	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_54 14-16 Lab ID: 258739025 Collected: 08/04/11 10:42 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.16	1		08/15/11 16:24	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/15/11 16:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		08/15/11 16:24	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		08/15/11 16:24	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.45	1		08/15/11 16:24	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/15/11 16:24	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/15/11 16:24	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		08/15/11 16:24	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		08/15/11 16:24	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.38	1		08/15/11 16:24	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.27	1		08/15/11 16:24	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.58	1		08/15/11 16:24	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.44	1		08/15/11 16:24	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/15/11 16:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/15/11 16:24	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/15/11 16:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.42	1		08/15/11 16:24	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		08/15/11 16:24	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/15/11 16:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.21	1		08/15/11 16:24	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		08/15/11 16:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/15/11 16:24	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/15/11 16:24	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.2	1.7	1		08/15/11 16:24	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.35	1		08/15/11 16:24	95-49-8	
2-Hexanone	ND	ug/kg	11.2	0.40	1		08/15/11 16:24	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/15/11 16:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.2	0.34	1		08/15/11 16:24	108-10-1	
Acetone	14.9	ug/kg	11.2	1.2	1		08/15/11 16:24	67-64-1	1n
Benzene	0.23J	ug/kg	3.4	0.17	1		08/15/11 16:24	71-43-2	B
Bromobenzene	ND	ug/kg	3.4	0.26	1		08/15/11 16:24	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/15/11 16:24	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/15/11 16:24	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/15/11 16:24	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/15/11 16:24	74-83-9	
Carbon disulfide	6.2	ug/kg	3.4	0.31	1		08/15/11 16:24	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	3.4	0.20	1		08/15/11 16:24	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.20	1		08/15/11 16:24	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.32	1		08/15/11 16:24	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/15/11 16:24	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		08/15/11 16:24	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		08/15/11 16:24	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.23	1		08/15/11 16:24	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		08/15/11 16:24	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.42	1		08/15/11 16:24	100-41-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_54 14-16 **Lab ID:** 258739025 Collected: 08/04/11 10:42 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.33	1		08/15/11 16:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		08/15/11 16:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		08/15/11 16:24	1634-04-4	
Methylene chloride	5.4J	ug/kg	11.2	3.0	1		08/15/11 16:24	75-09-2	
Naphthalene	ND	ug/kg	3.4	0.61	1		08/15/11 16:24	91-20-3	
Styrene	ND	ug/kg	3.4	0.32	1		08/15/11 16:24	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		08/15/11 16:24	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		08/15/11 16:24	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.23	1		08/15/11 16:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/15/11 16:24	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.31	1		08/15/11 16:24	75-01-4	
Xylene (Total)	ND	ug/kg	10.1	0.84	1		08/15/11 16:24	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.23	1		08/15/11 16:24	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/15/11 16:24	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.84	1		08/15/11 16:24	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.51	1		08/15/11 16:24	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.39	1		08/15/11 16:24	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.36	1		08/15/11 16:24	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.43	1		08/15/11 16:24	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		08/15/11 16:24	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		08/15/11 16:24	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/15/11 16:24	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		08/15/11 16:24	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/15/11 16:24	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110 %		72-129		1		08/15/11 16:24	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/15/11 16:24	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/15/11 16:24	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		67-136		1		08/15/11 16:24	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.3 %		0.10	0.10	1		08/09/11 17:35		

Sample: Trip Blank #14 **Lab ID:** 258739026 Collected: 08/04/11 10:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.59J	mg/kg	5.0	0.20	1	08/15/11 12:00	08/15/11 20:53		
Surrogates									
a,a,a-Trifluorotoluene (S)	94 %		50-150		1	08/15/11 12:00	08/15/11 20:53	98-08-8	
4-Bromofluorobenzene (S)	72 %		50-150		1	08/15/11 12:00	08/15/11 20:53	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: Trip Blank #14 Lab ID: 258739026 Collected: 08/04/11 10:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/15/11 11:53	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/15/11 11:53	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/15/11 11:53	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/15/11 11:53	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/15/11 11:53	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/15/11 11:53	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/15/11 11:53	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/15/11 11:53	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/15/11 11:53	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/15/11 11:53	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/15/11 11:53	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/15/11 11:53	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/15/11 11:53	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/15/11 11:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/15/11 11:53	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/15/11 11:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/15/11 11:53	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/15/11 11:53	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/15/11 11:53	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/15/11 11:53	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/15/11 11:53	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/15/11 11:53	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/15/11 11:53	594-20-7	
2-Butanone (MEK)	5.0J	ug/kg	10.0	1.5	1		08/15/11 11:53	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/15/11 11:53	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/15/11 11:53	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/15/11 11:53	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/15/11 11:53	108-10-1	
Acetone	4.2J	ug/kg	10.0	1.1	1		08/15/11 11:53	67-64-1	
Benzene	0.59J	ug/kg	3.0	0.15	1		08/15/11 11:53	71-43-2	B
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/15/11 11:53	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/15/11 11:53	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/15/11 11:53	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/15/11 11:53	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/15/11 11:53	74-83-9	
Carbon disulfide	1.6J	ug/kg	3.0	0.28	1		08/15/11 11:53	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/15/11 11:53	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/15/11 11:53	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/15/11 11:53	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/15/11 11:53	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/15/11 11:53	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/15/11 11:53	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/15/11 11:53	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/15/11 11:53	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/15/11 11:53	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: Trip Blank #14 **Lab ID: 258739026** Collected: 08/04/11 10:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/15/11 11:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/15/11 11:53	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/15/11 11:53	1634-04-4	
Methylene chloride	5.8J	ug/kg	10.0	2.6	1		08/15/11 11:53	75-09-2	
Naphthalene	ND	ug/kg	3.0	0.55	1		08/15/11 11:53	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/15/11 11:53	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/15/11 11:53	127-18-4	
Toluene	1.5J	ug/kg	3.0	0.31	1		08/15/11 11:53	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/15/11 11:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/15/11 11:53	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/15/11 11:53	75-01-4	
Xylene (Total)	1.2J	ug/kg	9.0	0.75	1		08/15/11 11:53	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/15/11 11:53	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/15/11 11:53	10061-01-5	
m&p-Xylene	1.0J	ug/kg	6.0	0.75	1		08/15/11 11:53	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/15/11 11:53	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/15/11 11:53	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/15/11 11:53	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/15/11 11:53	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/15/11 11:53	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/15/11 11:53	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/15/11 11:53	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/15/11 11:53	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/15/11 11:53	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107 %		72-129		1		08/15/11 11:53	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/15/11 11:53	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/15/11 11:53	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/15/11 11:53	17060-07-0	

Sample: SUP_SL_58 8-10 **Lab ID: 258739027** Collected: 08/04/11 08:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	18.8	9.4	1	08/12/11 12:55	08/17/11 03:22		
Motor Oil Range SG	56.6J	mg/kg	75.2	37.6	1	08/12/11 12:55	08/17/11 03:22	64742-65-0	
Surrogates									
n-Octacosane (S) SG	116 %		50-150		1	08/12/11 12:55	08/17/11 03:22	630-02-4	
o-Terphenyl (S) SG	105 %		50-150		1	08/12/11 12:55	08/17/11 03:22	84-15-1	

NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx

Gasoline Range Organics **3.6J** mg/kg 5.9 0.23 1 08/15/11 12:00 08/15/11 23:39

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_58 8-10 Lab ID: 258739027 Collected: 08/04/11 08:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCX									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Surrogates									
a,a,a-Trifluorotoluene (S)	110 %		50-150		1	08/15/11 12:00	08/15/11 23:39	98-08-8	
4-Bromofluorobenzene (S)	96 %		50-150		1	08/15/11 12:00	08/15/11 23:39	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	21.9 mg/kg		9.6	1.4	5	08/14/11 16:42	08/23/11 19:34	7440-38-2	
Cadmium	0.14J mg/kg		4.8	0.053	5	08/14/11 16:42	08/23/11 19:34	7440-43-9	D3
Lead	8.3 mg/kg		0.96	0.060	1	08/14/11 16:42	08/23/11 22:23	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.3	0.16	1		08/15/11 16:41	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.3	0.20	1		08/15/11 16:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.3	0.31	1		08/15/11 16:41	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.3	0.31	1		08/15/11 16:41	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.3	0.44	1		08/15/11 16:41	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.3	0.26	1		08/15/11 16:41	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.3	0.41	1		08/15/11 16:41	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.3	0.38	1		08/15/11 16:41	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.3	0.31	1		08/15/11 16:41	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.3	0.38	1		08/15/11 16:41	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.3	0.27	1		08/15/11 16:41	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.3	0.57	1		08/15/11 16:41	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	0.43	1		08/15/11 16:41	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.3	0.23	1		08/15/11 16:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.3	0.27	1		08/15/11 16:41	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.3	0.24	1		08/15/11 16:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.6	0.41	1		08/15/11 16:41	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.3	0.20	1		08/15/11 16:41	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.3	0.35	1		08/15/11 16:41	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.3	0.21	1		08/15/11 16:41	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.3	0.31	1		08/15/11 16:41	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.3	0.26	1		08/15/11 16:41	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.3	0.21	1		08/15/11 16:41	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.0	1.7	1		08/15/11 16:41	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.3	0.35	1		08/15/11 16:41	95-49-8	
2-Hexanone	ND	ug/kg	11.0	0.40	1		08/15/11 16:41	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.3	0.29	1		08/15/11 16:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	1.7J ug/kg		11.0	0.33	1		08/15/11 16:41	108-10-1	
Acetone	27.8 ug/kg		11.0	1.2	1		08/15/11 16:41	67-64-1	1n
Benzene	0.41J ug/kg		3.3	0.17	1		08/15/11 16:41	71-43-2	B
Bromobenzene	ND	ug/kg	3.3	0.26	1		08/15/11 16:41	108-86-1	
Bromochloromethane	ND	ug/kg	3.3	0.24	1		08/15/11 16:41	74-97-5	
Bromodichloromethane	ND	ug/kg	3.3	0.13	1		08/15/11 16:41	75-27-4	
Bromoform	ND	ug/kg	3.3	0.25	1		08/15/11 16:41	75-25-2	
Bromomethane	ND	ug/kg	3.3	0.35	1		08/15/11 16:41	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_58 8-10 Lab ID: 258739027 Collected: 08/04/11 08:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	30.0	ug/kg	3.3	0.31	1		08/15/11 16:41	75-15-0	B,CH
Carbon tetrachloride	ND	ug/kg	3.3	0.20	1		08/15/11 16:41	56-23-5	
Chlorobenzene	ND	ug/kg	3.3	0.20	1		08/15/11 16:41	108-90-7	
Chloroethane	ND	ug/kg	3.3	0.32	1		08/15/11 16:41	75-00-3	
Chloroform	ND	ug/kg	3.3	0.21	1		08/15/11 16:41	67-66-3	
Chloromethane	ND	ug/kg	3.3	0.23	1		08/15/11 16:41	74-87-3	
Dibromochloromethane	ND	ug/kg	3.3	0.11	1		08/15/11 16:41	124-48-1	
Dibromomethane	ND	ug/kg	3.3	0.23	1		08/15/11 16:41	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.3	0.46	1		08/15/11 16:41	75-71-8	
Ethylbenzene	ND	ug/kg	3.3	0.42	1		08/15/11 16:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.3	0.33	1		08/15/11 16:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.3	0.38	1		08/15/11 16:41	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.3	0.27	1		08/15/11 16:41	1634-04-4	
Methylene chloride	5.7J	ug/kg	11.0	2.9	1		08/15/11 16:41	75-09-2	
Naphthalene	ND	ug/kg	3.3	0.60	1		08/15/11 16:41	91-20-3	
Styrene	ND	ug/kg	3.3	0.32	1		08/15/11 16:41	100-42-5	
Tetrachloroethene	ND	ug/kg	3.3	0.42	1		08/15/11 16:41	127-18-4	
Toluene	1.9J	ug/kg	3.3	0.34	1		08/15/11 16:41	108-88-3	
Trichloroethene	ND	ug/kg	3.3	0.23	1		08/15/11 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.3	0.25	1		08/15/11 16:41	75-69-4	
Vinyl chloride	ND	ug/kg	3.3	0.31	1		08/15/11 16:41	75-01-4	
Xylene (Total)	1.4J	ug/kg	9.9	0.82	1		08/15/11 16:41	1330-20-7	B
cis-1,2-Dichloroethene	ND	ug/kg	3.3	0.23	1		08/15/11 16:41	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.3	0.14	1		08/15/11 16:41	10061-01-5	
m&p-Xylene	1.1J	ug/kg	6.6	0.82	1		08/15/11 16:41	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.3	0.50	1		08/15/11 16:41	104-51-8	
n-Propylbenzene	ND	ug/kg	3.3	0.39	1		08/15/11 16:41	103-65-1	
o-Xylene	ND	ug/kg	3.3	0.36	1		08/15/11 16:41	95-47-6	
p-Isopropyltoluene	16.1	ug/kg	3.3	0.42	1		08/15/11 16:41	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.3	0.46	1		08/15/11 16:41	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.3	0.28	1		08/15/11 16:41	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.3	0.38	1		08/15/11 16:41	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.3	0.33	1		08/15/11 16:41	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.3	0.23	1		08/15/11 16:41	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	72-129		1		08/15/11 16:41	1868-53-7	
Toluene-d8 (S)	96	%	69-133		1		08/15/11 16:41	2037-26-5	
4-Bromofluorobenzene (S)	104	%	67-142		1		08/15/11 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	67-136		1		08/15/11 16:41	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	19.0	%	0.10	0.10	1		08/09/11 17:36		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_58 10-12 Lab ID: 258739028 Collected: 08/04/11 08:50 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	18.2	9.1	1	08/12/11 12:55	08/17/11 03:38		
Motor Oil Range SG	ND	mg/kg	72.7	36.4	1	08/12/11 12:55	08/17/11 03:38	64742-65-0	
Surrogates									
n-Octacosane (S) SG	120	%	50-150		1	08/12/11 12:55	08/17/11 03:38	630-02-4	
o-Terphenyl (S) SG	106	%	50-150		1	08/12/11 12:55	08/17/11 03:38	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	23.5	mg/kg	10.4	1.5	5	08/14/11 16:42	08/23/11 19:38	7440-38-2	
Cadmium	0.33J	mg/kg	5.2	0.057	5	08/14/11 16:42	08/23/11 19:38	7440-43-9	D3
Lead	8.5	mg/kg	1.0	0.065	1	08/14/11 16:42	08/23/11 22:27	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.18	1		08/15/11 16:07	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		08/15/11 16:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		08/15/11 16:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.35	1		08/15/11 16:07	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.51	1		08/15/11 16:07	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		08/15/11 16:07	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.47	1		08/15/11 16:07	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.8	0.44	1		08/15/11 16:07	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		08/15/11 16:07	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.43	1		08/15/11 16:07	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.31	1		08/15/11 16:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	0.65	1		08/15/11 16:07	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	0.49	1		08/15/11 16:07	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.27	1		08/15/11 16:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/15/11 16:07	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		08/15/11 16:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.6	0.47	1		08/15/11 16:07	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/15/11 16:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.40	1		08/15/11 16:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		08/15/11 16:07	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		08/15/11 16:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.30	1		08/15/11 16:07	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.24	1		08/15/11 16:07	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.6	1.9	1		08/15/11 16:07	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.40	1		08/15/11 16:07	95-49-8	
2-Hexanone	ND	ug/kg	12.6	0.45	1		08/15/11 16:07	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.34	1		08/15/11 16:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.6	0.38	1		08/15/11 16:07	108-10-1	
Acetone	7.5J	ug/kg	12.6	1.4	1		08/15/11 16:07	67-64-1	
Benzene	ND	ug/kg	3.8	0.19	1		08/15/11 16:07	71-43-2	
Bromobenzene	ND	ug/kg	3.8	0.30	1		08/15/11 16:07	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		08/15/11 16:07	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		08/15/11 16:07	75-27-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_58 10-12 Lab ID: 258739028 Collected: 08/04/11 08:50 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromoform	ND	ug/kg	3.8	0.29	1		08/15/11 16:07	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.40	1		08/15/11 16:07	74-83-9	
Carbon disulfide	8.0	ug/kg	3.8	0.35	1		08/15/11 16:07	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		08/15/11 16:07	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		08/15/11 16:07	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.36	1		08/15/11 16:07	75-00-3	
Chloroform	ND	ug/kg	3.8	0.25	1		08/15/11 16:07	67-66-3	
Chloromethane	ND	ug/kg	3.8	0.26	1		08/15/11 16:07	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		08/15/11 16:07	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.26	1		08/15/11 16:07	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.52	1		08/15/11 16:07	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.48	1		08/15/11 16:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.37	1		08/15/11 16:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.44	1		08/15/11 16:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.32	1		08/15/11 16:07	1634-04-4	
Methylene chloride	ND	ug/kg	12.6	3.3	1		08/15/11 16:07	75-09-2	
Naphthalene	1.0J	ug/kg	3.8	0.69	1		08/15/11 16:07	91-20-3	B
Styrene	ND	ug/kg	3.8	0.36	1		08/15/11 16:07	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	0.48	1		08/15/11 16:07	127-18-4	
Toluene	ND	ug/kg	3.8	0.39	1		08/15/11 16:07	108-88-3	
Trichloroethene	ND	ug/kg	3.8	0.26	1		08/15/11 16:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		08/15/11 16:07	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	0.35	1		08/15/11 16:07	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	0.95	1		08/15/11 16:07	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	0.26	1		08/15/11 16:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.16	1		08/15/11 16:07	10061-01-5	
m&p-Xylene	ND	ug/kg	7.6	0.95	1		08/15/11 16:07	179601-23-1	
n-Butylbenzene	0.97J	ug/kg	3.8	0.58	1		08/15/11 16:07	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	0.44	1		08/15/11 16:07	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.41	1		08/15/11 16:07	95-47-6	
p-Isopropyltoluene	0.59J	ug/kg	3.8	0.49	1		08/15/11 16:07	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	0.53	1		08/15/11 16:07	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.33	1		08/15/11 16:07	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.44	1		08/15/11 16:07	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		08/15/11 16:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.27	1		08/15/11 16:07	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		72-129		1		08/15/11 16:07	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/15/11 16:07	2037-26-5	
4-Bromofluorobenzene (S)	102 %		67-142		1		08/15/11 16:07	460-00-4	
1,2-Dichloroethane-d4 (S)	99 %		67-136		1		08/15/11 16:07	17060-07-0	

NWTPH-Gx MSV

Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx

Gasoline Range Organics **1.3J** mg/kg 3.6 0.51 1 08/16/11 08:00 08/16/11 19:14

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_58 10-12 **Lab ID: 258739028** Collected: 08/04/11 08:50 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx MSV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Surrogates									
4-Bromofluorobenzene (S)	100 %		50-150		1	08/16/11 08:00	08/16/11 19:14	460-00-4	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	16.7 %		0.10	0.10	1		08/09/11 17:36		

Sample: SUP_SL_56 0-1 **Lab ID: 258739029** Collected: 08/04/11 09:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	103 mg/kg		16.3	8.2	1	08/12/11 12:55	08/17/11 05:49		
Motor Oil Range SG	667 mg/kg		65.3	32.7	1	08/12/11 12:55	08/17/11 05:49	64742-65-0	
Surrogates									
n-Octacosane (S) SG	118 %		50-150		1	08/12/11 12:55	08/17/11 05:49	630-02-4	
o-Terphenyl (S) SG	102 %		50-150		1	08/12/11 12:55	08/17/11 05:49	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.9J mg/kg		5.7	0.23	1	08/15/11 12:00	08/16/11 01:36		
Surrogates									
a,a,a-Trifluorotoluene (S)	108 %		50-150		1	08/15/11 12:00	08/16/11 01:36	98-08-8	
4-Bromofluorobenzene (S)	86 %		50-150		1	08/15/11 12:00	08/16/11 01:36	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	77.7 mg/kg		19.3	2.9	10	08/14/11 16:42	08/24/11 17:49	7440-38-2	
Cadmium	0.80J mg/kg		9.7	0.11	10	08/14/11 16:42	08/24/11 17:49	7440-43-9	D3
Lead	174 mg/kg		0.97	0.061	1	08/14/11 16:42	08/23/11 22:30	7439-92-1	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND ug/kg		2.8	0.13	1		08/15/11 16:28	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		2.8	0.17	1		08/15/11 16:28	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		2.8	0.26	1		08/15/11 16:28	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		2.8	0.26	1		08/15/11 16:28	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		2.8	0.37	1		08/15/11 16:28	76-13-1	
1,1-Dichloroethane	ND ug/kg		2.8	0.22	1		08/15/11 16:28	75-34-3	
1,1-Dichloroethene	ND ug/kg		2.8	0.34	1		08/15/11 16:28	75-35-4	L3
1,1-Dichloropropene	ND ug/kg		2.8	0.32	1		08/15/11 16:28	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		2.8	0.26	1		08/15/11 16:28	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		2.8	0.31	1		08/15/11 16:28	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		2.8	0.22	1		08/15/11 16:28	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		2.8	0.48	1		08/15/11 16:28	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.6	0.36	1		08/15/11 16:28	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 0-1 Lab ID: 258739029 Collected: 08/04/11 09:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromoethane (EDB)	ND	ug/kg	2.8	0.19	1		08/15/11 16:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.8	0.23	1		08/15/11 16:28	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.8	0.20	1		08/15/11 16:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.5	0.34	1		08/15/11 16:28	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.8	0.17	1		08/15/11 16:28	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.8	0.29	1		08/15/11 16:28	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.8	0.17	1		08/15/11 16:28	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.8	0.26	1		08/15/11 16:28	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.8	0.22	1		08/15/11 16:28	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.8	0.17	1		08/15/11 16:28	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.2	1.4	1		08/15/11 16:28	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.8	0.29	1		08/15/11 16:28	95-49-8	
2-Hexanone	ND	ug/kg	9.2	0.33	1		08/15/11 16:28	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.8	0.24	1		08/15/11 16:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.2	0.28	1		08/15/11 16:28	108-10-1	
Acetone	26.2	ug/kg	9.2	1.0	1		08/15/11 16:28	67-64-1	1n
Benzene	1.3J	ug/kg	2.8	0.14	1		08/15/11 16:28	71-43-2	
Bromobenzene	ND	ug/kg	2.8	0.22	1		08/15/11 16:28	108-86-1	
Bromochloromethane	ND	ug/kg	2.8	0.20	1		08/15/11 16:28	74-97-5	
Bromodichloromethane	ND	ug/kg	2.8	0.11	1		08/15/11 16:28	75-27-4	
Bromoform	ND	ug/kg	2.8	0.21	1		08/15/11 16:28	75-25-2	
Bromomethane	ND	ug/kg	2.8	0.29	1		08/15/11 16:28	74-83-9	
Carbon disulfide	0.68J	ug/kg	2.8	0.26	1		08/15/11 16:28	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	2.8	0.17	1		08/15/11 16:28	56-23-5	
Chlorobenzene	ND	ug/kg	2.8	0.17	1		08/15/11 16:28	108-90-7	
Chloroethane	ND	ug/kg	2.8	0.27	1		08/15/11 16:28	75-00-3	
Chloroform	ND	ug/kg	2.8	0.18	1		08/15/11 16:28	67-66-3	
Chloromethane	ND	ug/kg	2.8	0.19	1		08/15/11 16:28	74-87-3	
Dibromochloromethane	ND	ug/kg	2.8	0.093	1		08/15/11 16:28	124-48-1	
Dibromomethane	ND	ug/kg	2.8	0.19	1		08/15/11 16:28	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.8	0.38	1		08/15/11 16:28	75-71-8	
Ethylbenzene	ND	ug/kg	2.8	0.35	1		08/15/11 16:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.8	0.27	1		08/15/11 16:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.8	0.32	1		08/15/11 16:28	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.8	0.23	1		08/15/11 16:28	1634-04-4	
Methylene chloride	ND	ug/kg	9.2	2.4	1		08/15/11 16:28	75-09-2	
Naphthalene	0.63J	ug/kg	2.8	0.50	1		08/15/11 16:28	91-20-3	B
Styrene	ND	ug/kg	2.8	0.26	1		08/15/11 16:28	100-42-5	
Tetrachloroethene	ND	ug/kg	2.8	0.35	1		08/15/11 16:28	127-18-4	
Toluene	0.46J	ug/kg	2.8	0.28	1		08/15/11 16:28	108-88-3	
Trichloroethene	ND	ug/kg	2.8	0.19	1		08/15/11 16:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.8	0.21	1		08/15/11 16:28	75-69-4	
Vinyl chloride	ND	ug/kg	2.8	0.26	1		08/15/11 16:28	75-01-4	
Xylene (Total)	ND	ug/kg	8.3	0.69	1		08/15/11 16:28	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.8	0.19	1		08/15/11 16:28	156-59-2	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_56 0-1 **Lab ID: 258739029** Collected: 08/04/11 09:40 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,3-Dichloropropene	ND	ug/kg	2.8	0.12	1		08/15/11 16:28	10061-01-5	
m&p-Xylene	ND	ug/kg	5.5	0.69	1		08/15/11 16:28	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.8	0.42	1		08/15/11 16:28	104-51-8	
n-Propylbenzene	ND	ug/kg	2.8	0.32	1		08/15/11 16:28	103-65-1	
o-Xylene	ND	ug/kg	2.8	0.30	1		08/15/11 16:28	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.8	0.35	1		08/15/11 16:28	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.8	0.38	1		08/15/11 16:28	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.8	0.24	1		08/15/11 16:28	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.8	0.32	1		08/15/11 16:28	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.8	0.28	1		08/15/11 16:28	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.8	0.19	1		08/15/11 16:28	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		72-129		1		08/15/11 16:28	1868-53-7	
Toluene-d8 (S)	102 %		69-133		1		08/15/11 16:28	2037-26-5	
4-Bromofluorobenzene (S)	108 %		67-142		1		08/15/11 16:28	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		67-136		1		08/15/11 16:28	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	4.1 %		0.10	0.10	1		08/09/11 17:37		
------------------	-------	--	------	------	---	--	----------------	--	--

Sample: SUP_SL_56 1-2 **Lab ID: 258739030** Collected: 08/04/11 09:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	2520	mg/kg	94.8	47.4	5	08/12/11 12:55	08/17/11 06:21		
Motor Oil Range SG	5490	mg/kg	379	190	5	08/12/11 12:55	08/17/11 06:21	64742-65-0	
Surrogates									
n-Octacosane (S) SG	0 %		50-150		5	08/12/11 12:55	08/17/11 06:21	630-02-4	S4
o-Terphenyl (S) SG	0 %		50-150		5	08/12/11 12:55	08/17/11 06:21	84-15-1	S4
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	2.7J	mg/kg	6.5	0.26	1	08/15/11 12:00	08/16/11 02:00		
Surrogates									
a,a,a-Trifluorotoluene (S)	108 %		50-150		1	08/15/11 12:00	08/16/11 02:00	98-08-8	
4-Bromofluorobenzene (S)	88 %		50-150		1	08/15/11 12:00	08/16/11 02:00	460-00-4	

6010 MET ICP

Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	51.6	mg/kg	34.9	5.2	20	08/14/11 16:42	08/24/11 17:56	7440-38-2	
Cadmium	1.6J	mg/kg	17.4	0.19	20	08/14/11 16:42	08/24/11 17:56	7440-43-9	D3
Lead	1410	mg/kg	8.7	0.55	10	08/14/11 16:42	08/24/11 17:53	7439-92-1	D4

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_56 1-2 Lab ID: 258739030 Collected: 08/04/11 09:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		08/16/11 16:29	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.22	1		08/16/11 16:29	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.33	1		08/16/11 16:29	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.33	1		08/16/11 16:29	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		08/16/11 16:29	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.28	1		08/16/11 16:29	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.44	1		08/16/11 16:29	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.5	0.41	1		08/16/11 16:29	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.33	1		08/16/11 16:29	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		08/16/11 16:29	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.29	1		08/16/11 16:29	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.61	1		08/16/11 16:29	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	0.46	1		08/16/11 16:29	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.25	1		08/16/11 16:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		08/16/11 16:29	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		08/16/11 16:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.1	0.44	1		08/16/11 16:29	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/16/11 16:29	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.38	1		08/16/11 16:29	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		08/16/11 16:29	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.33	1		08/16/11 16:29	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/16/11 16:29	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		08/16/11 16:29	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.8	1.8	1		08/16/11 16:29	78-93-3	L3
2-Chlorotoluene	ND	ug/kg	3.5	0.37	1		08/16/11 16:29	95-49-8	
2-Hexanone	ND	ug/kg	11.8	0.42	1		08/16/11 16:29	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		08/16/11 16:29	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.8	0.36	1		08/16/11 16:29	108-10-1	
Acetone	104	ug/kg	11.8	1.3	1		08/16/11 16:29	67-64-1	1n,B,L1
Benzene	2.9J	ug/kg	3.5	0.18	1		08/16/11 16:29	71-43-2	
Bromobenzene	ND	ug/kg	3.5	0.28	1		08/16/11 16:29	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		08/16/11 16:29	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		08/16/11 16:29	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		08/16/11 16:29	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		08/16/11 16:29	74-83-9	
Carbon disulfide	ND	ug/kg	3.5	0.33	1		08/16/11 16:29	75-15-0	L3
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		08/16/11 16:29	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.22	1		08/16/11 16:29	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.34	1		08/16/11 16:29	75-00-3	
Chloroform	ND	ug/kg	3.5	0.23	1		08/16/11 16:29	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		08/16/11 16:29	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		08/16/11 16:29	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.25	1		08/16/11 16:29	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.49	1		08/16/11 16:29	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.45	1		08/16/11 16:29	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 1-2 Lab ID: 258739030 Collected: 08/04/11 09:45 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.35	1		08/16/11 16:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.41	1		08/16/11 16:29	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		08/16/11 16:29	1634-04-4	
Methylene chloride	ND	ug/kg	11.8	3.1	1		08/16/11 16:29	75-09-2	L3
Naphthalene	1.0J	ug/kg	3.5	0.65	1		08/16/11 16:29	91-20-3	
Styrene	ND	ug/kg	3.5	0.34	1		08/16/11 16:29	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.45	1		08/16/11 16:29	127-18-4	
Toluene	0.98J	ug/kg	3.5	0.36	1		08/16/11 16:29	108-88-3	
Trichloroethene	0.52J	ug/kg	3.5	0.25	1		08/16/11 16:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		08/16/11 16:29	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.33	1		08/16/11 16:29	75-01-4	
Xylene (Total)	ND	ug/kg	10.6	0.88	1		08/16/11 16:29	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.25	1		08/16/11 16:29	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		08/16/11 16:29	10061-01-5	
m&p-Xylene	ND	ug/kg	7.1	0.88	1		08/16/11 16:29	179601-23-1	
n-Butylbenzene	0.77J	ug/kg	3.5	0.54	1		08/16/11 16:29	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		08/16/11 16:29	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		08/16/11 16:29	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.5	0.45	1		08/16/11 16:29	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.49	1		08/16/11 16:29	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		08/16/11 16:29	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.41	1		08/16/11 16:29	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		08/16/11 16:29	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.25	1		08/16/11 16:29	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		72-129		1		08/16/11 16:29	1868-53-7	
Toluene-d8 (S)	101 %		69-133		1		08/16/11 16:29	2037-26-5	
4-Bromofluorobenzene (S)	120 %		67-142		1		08/16/11 16:29	460-00-4	
1,2-Dichloroethane-d4 (S)	99 %		67-136		1		08/16/11 16:29	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 16.9 % 0.10 0.10 1 08/09/11 17:38

Sample: SUP_SL_56 2-4 Lab ID: 258739031 Collected: 08/04/11 09:50 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	9920	mg/kg	190	95.1	10	08/12/11 12:55	08/17/11 06:37		
Motor Oil Range SG	20900	mg/kg	761	381	10	08/12/11 12:55	08/17/11 06:37	64742-65-0	
Surrogates									
n-Octacosane (S) SG	0 %		50-150		10	08/12/11 12:55	08/17/11 06:37	630-02-4	S4
o-Terphenyl (S) SG	0 %		50-150		10	08/12/11 12:55	08/17/11 06:37	84-15-1	S4

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 2-4 Lab ID: 258739031 Collected: 08/04/11 09:50 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	14.7	mg/kg	5.8	0.23	1	08/15/11 12:00	08/16/11 02:24		
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	50-150		1	08/15/11 12:00	08/16/11 02:24	98-08-8	
4-Bromofluorobenzene (S)	96	%	50-150		1	08/15/11 12:00	08/16/11 02:24	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	57.6	mg/kg	53.0	7.9	25	08/14/11 16:42	08/24/11 18:04	7440-38-2	
Cadmium	3.3J	mg/kg	26.5	0.29	25	08/14/11 16:42	08/24/11 18:04	7440-43-9	D3
Lead	2310	mg/kg	10.6	0.67	10	08/14/11 16:42	08/24/11 18:00	7439-92-1	D4
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9	0.14	1		08/15/11 17:09	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.9	0.18	1		08/15/11 17:09	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9	0.27	1		08/15/11 17:09	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.9	0.27	1		08/15/11 17:09	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.9	0.39	1		08/15/11 17:09	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.9	0.23	1		08/15/11 17:09	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.9	0.36	1		08/15/11 17:09	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	2.9	0.34	1		08/15/11 17:09	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.9	0.27	1		08/15/11 17:09	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.9	0.33	1		08/15/11 17:09	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.9	0.24	1		08/15/11 17:09	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.9	0.51	1		08/15/11 17:09	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	0.38	1		08/15/11 17:09	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	0.21	1		08/15/11 17:09	106-93-4	
1,2-Dichlorobenzene	5.3	ug/kg	2.9	0.24	1		08/15/11 17:09	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.9	0.22	1		08/15/11 17:09	107-06-2	
1,2-Dichloroethene (Total)	0.57J	ug/kg	5.9	0.36	1		08/15/11 17:09	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/15/11 17:09	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	0.31	1		08/15/11 17:09	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.9	0.19	1		08/15/11 17:09	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.9	0.27	1		08/15/11 17:09	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.9	0.23	1		08/15/11 17:09	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/15/11 17:09	594-20-7	
2-Butanone (MEK)	14.2	ug/kg	9.8	1.5	1		08/15/11 17:09	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.9	0.31	1		08/15/11 17:09	95-49-8	
2-Hexanone	ND	ug/kg	9.8	0.35	1		08/15/11 17:09	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.9	0.26	1		08/15/11 17:09	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.8	0.30	1		08/15/11 17:09	108-10-1	
Acetone	58.6	ug/kg	9.8	1.1	1		08/15/11 17:09	67-64-1	1n
Benzene	2.0J	ug/kg	2.9	0.15	1		08/15/11 17:09	71-43-2	
Bromobenzene	ND	ug/kg	2.9	0.23	1		08/15/11 17:09	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	0.22	1		08/15/11 17:09	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	0.11	1		08/15/11 17:09	75-27-4	
Bromoform	ND	ug/kg	2.9	0.23	1		08/15/11 17:09	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 2-4 Lab ID: 258739031 Collected: 08/04/11 09:50 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
Bromomethane	ND	ug/kg	2.9	0.31	1		08/15/11 17:09	74-83-9	
Carbon disulfide	2.7J	ug/kg	2.9	0.27	1		08/15/11 17:09	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	2.9	0.18	1		08/15/11 17:09	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	0.18	1		08/15/11 17:09	108-90-7	
Chloroethane	ND	ug/kg	2.9	0.28	1		08/15/11 17:09	75-00-3	
Chloroform	ND	ug/kg	2.9	0.19	1		08/15/11 17:09	67-66-3	
Chloromethane	ND	ug/kg	2.9	0.20	1		08/15/11 17:09	74-87-3	
Dibromochloromethane	ND	ug/kg	2.9	0.098	1		08/15/11 17:09	124-48-1	
Dibromomethane	ND	ug/kg	2.9	0.20	1		08/15/11 17:09	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.9	0.41	1		08/15/11 17:09	75-71-8	
Ethylbenzene	0.57J	ug/kg	2.9	0.37	1		08/15/11 17:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.9	0.29	1		08/15/11 17:09	87-68-3	
Isopropylbenzene (Cumene)	1.5J	ug/kg	2.9	0.34	1		08/15/11 17:09	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.9	0.24	1		08/15/11 17:09	1634-04-4	
Methylene chloride	ND	ug/kg	9.8	2.6	1		08/15/11 17:09	75-09-2	
Naphthalene	15.2	ug/kg	2.9	0.54	1		08/15/11 17:09	91-20-3	B
Styrene	ND	ug/kg	2.9	0.28	1		08/15/11 17:09	100-42-5	
Tetrachloroethene	ND	ug/kg	2.9	0.37	1		08/15/11 17:09	127-18-4	
Toluene	1.0J	ug/kg	2.9	0.30	1		08/15/11 17:09	108-88-3	
Trichloroethene	ND	ug/kg	2.9	0.20	1		08/15/11 17:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.9	0.22	1		08/15/11 17:09	75-69-4	
Vinyl chloride	ND	ug/kg	2.9	0.27	1		08/15/11 17:09	75-01-4	
Xylene (Total)	0.90J	ug/kg	8.8	0.73	1		08/15/11 17:09	1330-20-7	
cis-1,2-Dichloroethene	0.57J	ug/kg	2.9	0.20	1		08/15/11 17:09	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	0.13	1		08/15/11 17:09	10061-01-5	
m&p-Xylene	ND	ug/kg	5.9	0.73	1		08/15/11 17:09	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.9	0.45	1		08/15/11 17:09	104-51-8	
n-Propylbenzene	3.5	ug/kg	2.9	0.34	1		08/15/11 17:09	103-65-1	B
o-Xylene	0.36J	ug/kg	2.9	0.32	1		08/15/11 17:09	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.9	0.38	1		08/15/11 17:09	99-87-6	
sec-Butylbenzene	3.3	ug/kg	2.9	0.41	1		08/15/11 17:09	135-98-8	B
tert-Amylmethyl ether	ND	ug/kg	2.9	0.25	1		08/15/11 17:09	994-05-8	
tert-Butylbenzene	0.84J	ug/kg	2.9	0.34	1		08/15/11 17:09	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	0.29	1		08/15/11 17:09	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	0.21	1		08/15/11 17:09	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	115 %		72-129		1		08/15/11 17:09	1868-53-7	
Toluene-d8 (S)	105 %		69-133		1		08/15/11 17:09	2037-26-5	
4-Bromofluorobenzene (S)	169 %		67-142		1		08/15/11 17:09	460-00-4	S2
1,2-Dichloroethane-d4 (S)	126 %		67-136		1		08/15/11 17:09	17060-07-0	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	16.6	%	0.10	0.10	1		08/09/11 17:39		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_56 4-6 Lab ID: 258739032 Collected: 08/04/11 09:55 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	32.7	mg/kg	18.7	9.3	1	08/12/11 12:55	08/17/11 03:55		
Motor Oil Range SG	146	mg/kg	74.7	37.3	1	08/12/11 12:55	08/17/11 03:55	64742-65-0	
Surrogates									
n-Octacosane (S) SG	112	%	50-150		1	08/12/11 12:55	08/17/11 03:55	630-02-4	
o-Terphenyl (S) SG	98	%	50-150		1	08/12/11 12:55	08/17/11 03:55	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	114	mg/kg	60.4	2.4	10	08/15/11 12:00	08/16/11 05:33		
Surrogates									
a,a,a-Trifluorotoluene (S)	106	%	50-150		10	08/15/11 12:00	08/16/11 05:33	98-08-8	
4-Bromofluorobenzene (S)	101	%	50-150		10	08/15/11 12:00	08/16/11 05:33	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	82.6	mg/kg	9.0	1.3	5	08/14/11 16:42	08/23/11 19:52	7440-38-2	
Cadmium	0.50J	mg/kg	4.5	0.049	5	08/14/11 16:42	08/23/11 19:52	7440-43-9	D3
Lead	19.9	mg/kg	0.90	0.057	1	08/14/11 16:42	08/23/11 22:42	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	0.13	1		08/16/11 17:10	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.7	0.17	1		08/16/11 17:10	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	0.25	1		08/16/11 17:10	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.7	0.25	1		08/16/11 17:10	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	0.37	1		08/16/11 17:10	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.7	0.22	1		08/16/11 17:10	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.7	0.34	1		08/16/11 17:10	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	2.7	0.32	1		08/16/11 17:10	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	0.25	1		08/16/11 17:10	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.7	0.31	1		08/16/11 17:10	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	0.22	1		08/16/11 17:10	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	0.47	1		08/16/11 17:10	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	0.36	1		08/16/11 17:10	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	0.19	1		08/16/11 17:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		08/16/11 17:10	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.7	0.20	1		08/16/11 17:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.5	0.34	1		08/16/11 17:10	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.7	0.17	1		08/16/11 17:10	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	0.29	1		08/16/11 17:10	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.7	0.17	1		08/16/11 17:10	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.7	0.25	1		08/16/11 17:10	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		08/16/11 17:10	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.7	0.17	1		08/16/11 17:10	594-20-7	
2-Butanone (MEK)	7.0J	ug/kg	9.1	1.4	1		08/16/11 17:10	78-93-3	L1
2-Chlorotoluene	ND	ug/kg	2.7	0.29	1		08/16/11 17:10	95-49-8	
2-Hexanone	ND	ug/kg	9.1	0.33	1		08/16/11 17:10	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.7	0.24	1		08/16/11 17:10	106-43-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 4-6 Lab ID: 258739032 Collected: 08/04/11 09:55 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.1	0.28	1		08/16/11 17:10	108-10-1	
Acetone	28.9	ug/kg	9.1	1.0	1		08/16/11 17:10	67-64-1	1n,B,L1
Benzene	ND	ug/kg	2.7	0.14	1		08/16/11 17:10	71-43-2	
Bromobenzene	ND	ug/kg	2.7	0.21	1		08/16/11 17:10	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	0.20	1		08/16/11 17:10	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	0.11	1		08/16/11 17:10	75-27-4	
Bromoform	ND	ug/kg	2.7	0.21	1		08/16/11 17:10	75-25-2	
Bromomethane	ND	ug/kg	2.7	0.29	1		08/16/11 17:10	74-83-9	
Carbon disulfide	ND	ug/kg	2.7	0.25	1		08/16/11 17:10	75-15-0	L3
Carbon tetrachloride	ND	ug/kg	2.7	0.17	1		08/16/11 17:10	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	0.17	1		08/16/11 17:10	108-90-7	
Chloroethane	ND	ug/kg	2.7	0.26	1		08/16/11 17:10	75-00-3	
Chloroform	ND	ug/kg	2.7	0.18	1		08/16/11 17:10	67-66-3	
Chloromethane	ND	ug/kg	2.7	0.19	1		08/16/11 17:10	74-87-3	
Dibromochloromethane	ND	ug/kg	2.7	0.092	1		08/16/11 17:10	124-48-1	
Dibromomethane	ND	ug/kg	2.7	0.19	1		08/16/11 17:10	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.7	0.38	1		08/16/11 17:10	75-71-8	
Ethylbenzene	ND	ug/kg	2.7	0.35	1		08/16/11 17:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.7	0.27	1		08/16/11 17:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	0.32	1		08/16/11 17:10	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.7	0.23	1		08/16/11 17:10	1634-04-4	
Methylene chloride	ND	ug/kg	9.1	2.4	1		08/16/11 17:10	75-09-2	L3
Naphthalene	1.1J	ug/kg	2.7	0.50	1		08/16/11 17:10	91-20-3	
Styrene	ND	ug/kg	2.7	0.26	1		08/16/11 17:10	100-42-5	
Tetrachloroethene	ND	ug/kg	2.7	0.35	1		08/16/11 17:10	127-18-4	
Toluene	0.44J	ug/kg	2.7	0.28	1		08/16/11 17:10	108-88-3	
Trichloroethene	ND	ug/kg	2.7	0.19	1		08/16/11 17:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.7	0.21	1		08/16/11 17:10	75-69-4	
Vinyl chloride	ND	ug/kg	2.7	0.26	1		08/16/11 17:10	75-01-4	
Xylene (Total)	ND	ug/kg	8.2	0.68	1		08/16/11 17:10	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	0.19	1		08/16/11 17:10	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	0.12	1		08/16/11 17:10	10061-01-5	
m&p-Xylene	ND	ug/kg	5.5	0.68	1		08/16/11 17:10	179601-23-1	
n-Butylbenzene	0.64J	ug/kg	2.7	0.42	1		08/16/11 17:10	104-51-8	
n-Propylbenzene	0.63J	ug/kg	2.7	0.32	1		08/16/11 17:10	103-65-1	B
o-Xylene	ND	ug/kg	2.7	0.30	1		08/16/11 17:10	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.7	0.35	1		08/16/11 17:10	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.7	0.38	1		08/16/11 17:10	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.7	0.24	1		08/16/11 17:10	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.7	0.31	1		08/16/11 17:10	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	0.27	1		08/16/11 17:10	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	0.19	1		08/16/11 17:10	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		72-129		1		08/16/11 17:10	1868-53-7	
Toluene-d8 (S)	103 %		69-133		1		08/16/11 17:10	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258739

Sample: SUP_SL_56 4-6 **Lab ID:** 258739032 Collected: 08/04/11 09:55 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	109 %		67-142		1		08/16/11 17:10	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		67-136		1		08/16/11 17:10	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	15.6 %		0.10	0.10	1		08/09/11 17:39		

Sample: SUP_SL_56 6-8 **Lab ID:** 258739033 Collected: 08/04/11 09:58 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	143 mg/kg		18.8	9.4	1	08/12/11 12:55	08/17/11 05:32		
Motor Oil Range SG	553 mg/kg		75.2	37.6	1	08/12/11 12:55	08/17/11 05:32	64742-65-0	
Surrogates									
n-Octacosane (S) SG	116 %		50-150		1	08/12/11 12:55	08/17/11 05:32	630-02-4	
o-Terphenyl (S) SG	103 %		50-150		1	08/12/11 12:55	08/17/11 05:32	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.0J mg/kg		6.0	0.24	1	08/15/11 12:00	08/16/11 00:50		
Surrogates									
a,a,a-Trifluorotoluene (S)	110 %		50-150		1	08/15/11 12:00	08/16/11 00:50	98-08-8	
4-Bromofluorobenzene (S)	90 %		50-150		1	08/15/11 12:00	08/16/11 00:50	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	87.7 mg/kg		11.0	1.6	5	08/14/11 16:42	08/23/11 19:56	7440-38-2	
Cadmium	0.71J mg/kg		5.5	0.061	5	08/14/11 16:42	08/23/11 19:56	7440-43-9	D3
Lead	149 mg/kg		1.1	0.070	1	08/14/11 16:42	08/23/11 22:45	7439-92-1	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND ug/kg		2.9	0.14	1		08/15/11 17:49	630-20-6	
1,1,1-Trichloroethane	ND ug/kg		2.9	0.17	1		08/15/11 17:49	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		2.9	0.26	1		08/15/11 17:49	79-34-5	
1,1,2-Trichloroethane	ND ug/kg		2.9	0.27	1		08/15/11 17:49	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND ug/kg		2.9	0.38	1		08/15/11 17:49	76-13-1	
1,1-Dichloroethane	ND ug/kg		2.9	0.23	1		08/15/11 17:49	75-34-3	
1,1-Dichloroethene	ND ug/kg		2.9	0.35	1		08/15/11 17:49	75-35-4	L3
1,1-Dichloropropene	ND ug/kg		2.9	0.33	1		08/15/11 17:49	563-58-6	
1,2,3-Trichlorobenzene	ND ug/kg		2.9	0.27	1		08/15/11 17:49	87-61-6	
1,2,3-Trichloropropane	ND ug/kg		2.9	0.33	1		08/15/11 17:49	96-18-4	
1,2,4-Trichlorobenzene	ND ug/kg		2.9	0.23	1		08/15/11 17:49	120-82-1	
1,2,4-Trimethylbenzene	ND ug/kg		2.9	0.49	1		08/15/11 17:49	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 6-8 Lab ID: 258739033 Collected: 08/04/11 09:58 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	0.37	1		08/15/11 17:49	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.9	0.20	1		08/15/11 17:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.9	0.23	1		08/15/11 17:49	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.9	0.21	1		08/15/11 17:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.7	0.35	1		08/15/11 17:49	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.9	0.17	1		08/15/11 17:49	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.9	0.30	1		08/15/11 17:49	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.9	0.18	1		08/15/11 17:49	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.9	0.26	1		08/15/11 17:49	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.9	0.23	1		08/15/11 17:49	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.9	0.18	1		08/15/11 17:49	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.5	1.4	1		08/15/11 17:49	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.9	0.30	1		08/15/11 17:49	95-49-8	
2-Hexanone	ND	ug/kg	9.5	0.34	1		08/15/11 17:49	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.9	0.25	1		08/15/11 17:49	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.5	0.29	1		08/15/11 17:49	108-10-1	
Acetone	15.3	ug/kg	9.5	1.0	1		08/15/11 17:49	67-64-1	1n
Benzene	0.25J	ug/kg	2.9	0.14	1		08/15/11 17:49	71-43-2	
Bromobenzene	ND	ug/kg	2.9	0.22	1		08/15/11 17:49	108-86-1	
Bromochloromethane	ND	ug/kg	2.9	0.21	1		08/15/11 17:49	74-97-5	
Bromodichloromethane	ND	ug/kg	2.9	0.11	1		08/15/11 17:49	75-27-4	
Bromoform	ND	ug/kg	2.9	0.22	1		08/15/11 17:49	75-25-2	
Bromomethane	ND	ug/kg	2.9	0.30	1		08/15/11 17:49	74-83-9	
Carbon disulfide	1.9J	ug/kg	2.9	0.27	1		08/15/11 17:49	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	2.9	0.17	1		08/15/11 17:49	56-23-5	
Chlorobenzene	ND	ug/kg	2.9	0.17	1		08/15/11 17:49	108-90-7	
Chloroethane	ND	ug/kg	2.9	0.28	1		08/15/11 17:49	75-00-3	
Chloroform	ND	ug/kg	2.9	0.19	1		08/15/11 17:49	67-66-3	
Chloromethane	ND	ug/kg	2.9	0.20	1		08/15/11 17:49	74-87-3	
Dibromochloromethane	ND	ug/kg	2.9	0.096	1		08/15/11 17:49	124-48-1	
Dibromomethane	ND	ug/kg	2.9	0.20	1		08/15/11 17:49	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.9	0.40	1		08/15/11 17:49	75-71-8	
Ethylbenzene	ND	ug/kg	2.9	0.36	1		08/15/11 17:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.9	0.28	1		08/15/11 17:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.9	0.33	1		08/15/11 17:49	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.9	0.24	1		08/15/11 17:49	1634-04-4	
Methylene chloride	ND	ug/kg	9.5	2.5	1		08/15/11 17:49	75-09-2	
Naphthalene	0.59J	ug/kg	2.9	0.52	1		08/15/11 17:49	91-20-3	B
Styrene	ND	ug/kg	2.9	0.27	1		08/15/11 17:49	100-42-5	
Tetrachloroethene	ND	ug/kg	2.9	0.36	1		08/15/11 17:49	127-18-4	
Toluene	ND	ug/kg	2.9	0.29	1		08/15/11 17:49	108-88-3	
Trichloroethene	ND	ug/kg	2.9	0.20	1		08/15/11 17:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.9	0.22	1		08/15/11 17:49	75-69-4	
Vinyl chloride	ND	ug/kg	2.9	0.27	1		08/15/11 17:49	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	0.71	1		08/15/11 17:49	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 6-8 Lab ID: 258739033 Collected: 08/04/11 09:58 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	2.9	0.20	1		08/15/11 17:49	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.9	0.12	1		08/15/11 17:49	10061-01-5	
m&p-Xylene	ND	ug/kg	5.7	0.71	1		08/15/11 17:49	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.9	0.44	1		08/15/11 17:49	104-51-8	
n-Propylbenzene	ND	ug/kg	2.9	0.34	1		08/15/11 17:49	103-65-1	
o-Xylene	ND	ug/kg	2.9	0.31	1		08/15/11 17:49	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.9	0.37	1		08/15/11 17:49	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.9	0.40	1		08/15/11 17:49	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.9	0.25	1		08/15/11 17:49	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.9	0.33	1		08/15/11 17:49	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.9	0.29	1		08/15/11 17:49	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.9	0.20	1		08/15/11 17:49	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104 %		72-129		1		08/15/11 17:49	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/15/11 17:49	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/15/11 17:49	460-00-4	
1,2-Dichloroethane-d4 (S)	105 %		67-136		1		08/15/11 17:49	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	16.9 %		0.10	0.10	1		08/09/11 17:40		

Sample: SUP_SL_56 8-10 Lab ID: 258739034 Collected: 08/04/11 10:00 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	10.9J	mg/kg	18.3	9.1	1	08/12/11 12:55	08/17/11 04:44		
Motor Oil Range SG	ND	mg/kg	73.1	36.5	1	08/12/11 12:55	08/17/11 04:44	64742-65-0	
Surrogates									
n-Octacosane (S) SG	121 %		50-150		1	08/12/11 12:55	08/17/11 04:44	630-02-4	
o-Terphenyl (S) SG	108 %		50-150		1	08/12/11 12:55	08/17/11 04:44	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.1J	mg/kg	5.6	0.22	1	08/15/11 12:00	08/16/11 02:48		
Surrogates									
a,a,a-Trifluorotoluene (S)	105 %		50-150		1	08/15/11 12:00	08/16/11 02:48	98-08-8	
4-Bromofluorobenzene (S)	92 %		50-150		1	08/15/11 12:00	08/16/11 02:48	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	52.1	mg/kg	10.7	1.6	5	08/14/11 16:42	08/23/11 19:59	7440-38-2	
Cadmium	0.48J	mg/kg	5.4	0.059	5	08/14/11 16:42	08/23/11 19:59	7440-43-9	D3
Lead	38.1	mg/kg	1.1	0.068	1	08/14/11 16:42	08/23/11 22:49	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 8-10 Lab ID: 258739034 Collected: 08/04/11 10:00 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	0.13	1		08/15/11 18:10	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.7	0.16	1		08/15/11 18:10	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	0.25	1		08/15/11 18:10	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.7	0.25	1		08/15/11 18:10	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	0.36	1		08/15/11 18:10	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.7	0.21	1		08/15/11 18:10	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.7	0.33	1		08/15/11 18:10	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	2.7	0.31	1		08/15/11 18:10	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	0.25	1		08/15/11 18:10	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.7	0.31	1		08/15/11 18:10	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	0.22	1		08/15/11 18:10	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	0.46	1		08/15/11 18:10	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	0.35	1		08/15/11 18:10	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	0.19	1		08/15/11 18:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		08/15/11 18:10	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.7	0.20	1		08/15/11 18:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.4	0.33	1		08/15/11 18:10	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.7	0.16	1		08/15/11 18:10	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	0.29	1		08/15/11 18:10	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.7	0.17	1		08/15/11 18:10	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.7	0.25	1		08/15/11 18:10	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.7	0.22	1		08/15/11 18:10	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.7	0.17	1		08/15/11 18:10	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.0	1.4	1		08/15/11 18:10	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.7	0.28	1		08/15/11 18:10	95-49-8	
2-Hexanone	ND	ug/kg	9.0	0.32	1		08/15/11 18:10	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.7	0.24	1		08/15/11 18:10	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.0	0.27	1		08/15/11 18:10	108-10-1	
Acetone	6.8J	ug/kg	9.0	0.99	1		08/15/11 18:10	67-64-1	
Benzene	0.21J	ug/kg	2.7	0.13	1		08/15/11 18:10	71-43-2	
Bromobenzene	ND	ug/kg	2.7	0.21	1		08/15/11 18:10	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	0.20	1		08/15/11 18:10	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	0.11	1		08/15/11 18:10	75-27-4	
Bromoform	ND	ug/kg	2.7	0.21	1		08/15/11 18:10	75-25-2	
Bromomethane	ND	ug/kg	2.7	0.29	1		08/15/11 18:10	74-83-9	
Carbon disulfide	0.69J	ug/kg	2.7	0.25	1		08/15/11 18:10	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	2.7	0.16	1		08/15/11 18:10	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	0.16	1		08/15/11 18:10	108-90-7	
Chloroethane	ND	ug/kg	2.7	0.26	1		08/15/11 18:10	75-00-3	
Chloroform	ND	ug/kg	2.7	0.17	1		08/15/11 18:10	67-66-3	
Chloromethane	ND	ug/kg	2.7	0.18	1		08/15/11 18:10	74-87-3	
Dibromochloromethane	ND	ug/kg	2.7	0.090	1		08/15/11 18:10	124-48-1	
Dibromomethane	ND	ug/kg	2.7	0.19	1		08/15/11 18:10	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.7	0.37	1		08/15/11 18:10	75-71-8	
Ethylbenzene	ND	ug/kg	2.7	0.34	1		08/15/11 18:10	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 8-10 Lab ID: 258739034 Collected: 08/04/11 10:00 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	2.7	0.27	1		08/15/11 18:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	0.31	1		08/15/11 18:10	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.7	0.22	1		08/15/11 18:10	1634-04-4	
Methylene chloride	ND	ug/kg	9.0	2.4	1		08/15/11 18:10	75-09-2	
Naphthalene	0.53J	ug/kg	2.7	0.49	1		08/15/11 18:10	91-20-3	B
Styrene	ND	ug/kg	2.7	0.26	1		08/15/11 18:10	100-42-5	
Tetrachloroethene	ND	ug/kg	2.7	0.34	1		08/15/11 18:10	127-18-4	
Toluene	ND	ug/kg	2.7	0.28	1		08/15/11 18:10	108-88-3	
Trichloroethene	ND	ug/kg	2.7	0.19	1		08/15/11 18:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.7	0.21	1		08/15/11 18:10	75-69-4	
Vinyl chloride	ND	ug/kg	2.7	0.25	1		08/15/11 18:10	75-01-4	
Xylene (Total)	ND	ug/kg	8.1	0.67	1		08/15/11 18:10	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	0.19	1		08/15/11 18:10	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	0.12	1		08/15/11 18:10	10061-01-5	
m&p-Xylene	ND	ug/kg	5.4	0.67	1		08/15/11 18:10	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.7	0.41	1		08/15/11 18:10	104-51-8	
n-Propylbenzene	ND	ug/kg	2.7	0.32	1		08/15/11 18:10	103-65-1	
o-Xylene	ND	ug/kg	2.7	0.29	1		08/15/11 18:10	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.7	0.35	1		08/15/11 18:10	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.7	0.38	1		08/15/11 18:10	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.7	0.23	1		08/15/11 18:10	994-05-8	
tert-Butylbenzene	ND	ug/kg	2.7	0.31	1		08/15/11 18:10	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	0.27	1		08/15/11 18:10	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	0.19	1		08/15/11 18:10	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		72-129		1		08/15/11 18:10	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/15/11 18:10	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-142		1		08/15/11 18:10	460-00-4	
1,2-Dichloroethane-d4 (S)	100 %		67-136		1		08/15/11 18:10	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	18.2 %		0.10	0.10	1		08/09/11 17:41		

Sample: SUP_SL_56 10-12 Lab ID: 258739035 Collected: 08/04/11 10:03 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	23.2	11.6	1	08/12/11 12:55	08/17/11 05:00		
Motor Oil Range SG	ND	mg/kg	92.7	46.4	1	08/12/11 12:55	08/17/11 05:00	64742-65-0	
Surrogates									
n-Octacosane (S) SG	118 %		50-150		1	08/12/11 12:55	08/17/11 05:00	630-02-4	
o-Terphenyl (S) SG	106 %		50-150		1	08/12/11 12:55	08/17/11 05:00	84-15-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 10-12 Lab ID: 258739035 Collected: 08/04/11 10:03 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	1.1J	mg/kg	8.4	0.34	1	08/15/11 12:00	08/16/11 03:11		
Surrogates									
a,a,a-Trifluorotoluene (S)	109	%	50-150		1	08/15/11 12:00	08/16/11 03:11	98-08-8	
4-Bromofluorobenzene (S)	87	%	50-150		1	08/15/11 12:00	08/16/11 03:11	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	15.6	mg/kg	11.3	1.7	5	08/14/11 16:42	08/23/11 20:02	7440-38-2	
Cadmium	0.13J	mg/kg	5.6	0.062	5	08/14/11 16:42	08/23/11 20:02	7440-43-9	D3
Lead	5.2	mg/kg	1.1	0.071	1	08/14/11 16:42	08/23/11 22:53	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	0.21	1		08/15/11 18:30	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.2	0.26	1		08/15/11 18:30	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	0.39	1		08/15/11 18:30	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.2	0.39	1		08/15/11 18:30	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	0.57	1		08/15/11 18:30	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.2	0.33	1		08/15/11 18:30	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.2	0.52	1		08/15/11 18:30	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	4.2	0.49	1		08/15/11 18:30	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	0.39	1		08/15/11 18:30	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.2	0.48	1		08/15/11 18:30	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	0.34	1		08/15/11 18:30	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	0.73	1		08/15/11 18:30	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	0.55	1		08/15/11 18:30	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	0.30	1		08/15/11 18:30	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	0.35	1		08/15/11 18:30	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.2	0.31	1		08/15/11 18:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.4	0.52	1		08/15/11 18:30	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.2	0.25	1		08/15/11 18:30	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	0.45	1		08/15/11 18:30	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.2	0.27	1		08/15/11 18:30	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.2	0.39	1		08/15/11 18:30	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.2	0.34	1		08/15/11 18:30	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.2	0.26	1		08/15/11 18:30	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.1	2.1	1		08/15/11 18:30	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.2	0.44	1		08/15/11 18:30	95-49-8	
2-Hexanone	ND	ug/kg	14.1	0.51	1		08/15/11 18:30	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.2	0.37	1		08/15/11 18:30	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.1	0.43	1		08/15/11 18:30	108-10-1	
Acetone	32.5	ug/kg	14.1	1.5	1		08/15/11 18:30	67-64-1	1n
Benzene	ND	ug/kg	4.2	0.21	1		08/15/11 18:30	71-43-2	
Bromobenzene	ND	ug/kg	4.2	0.33	1		08/15/11 18:30	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	0.31	1		08/15/11 18:30	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	0.17	1		08/15/11 18:30	75-27-4	
Bromoform	ND	ug/kg	4.2	0.33	1		08/15/11 18:30	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 10-12 Lab ID: 258739035 Collected: 08/04/11 10:03 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromomethane	ND	ug/kg	4.2	0.45	1		08/15/11 18:30	74-83-9	
Carbon disulfide	4.4	ug/kg	4.2	0.39	1		08/15/11 18:30	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	4.2	0.26	1		08/15/11 18:30	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	0.26	1		08/15/11 18:30	108-90-7	
Chloroethane	ND	ug/kg	4.2	0.41	1		08/15/11 18:30	75-00-3	
Chloroform	ND	ug/kg	4.2	0.27	1		08/15/11 18:30	67-66-3	
Chloromethane	ND	ug/kg	4.2	0.29	1		08/15/11 18:30	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	0.14	1		08/15/11 18:30	124-48-1	
Dibromomethane	ND	ug/kg	4.2	0.29	1		08/15/11 18:30	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.2	0.58	1		08/15/11 18:30	75-71-8	
Ethylbenzene	ND	ug/kg	4.2	0.53	1		08/15/11 18:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	0.42	1		08/15/11 18:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	0.49	1		08/15/11 18:30	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	0.35	1		08/15/11 18:30	1634-04-4	
Methylene chloride	ND	ug/kg	14.1	3.7	1		08/15/11 18:30	75-09-2	
Naphthalene	ND	ug/kg	4.2	0.77	1		08/15/11 18:30	91-20-3	
Styrene	ND	ug/kg	4.2	0.40	1		08/15/11 18:30	100-42-5	
Tetrachloroethene	ND	ug/kg	4.2	0.54	1		08/15/11 18:30	127-18-4	
Toluene	ND	ug/kg	4.2	0.43	1		08/15/11 18:30	108-88-3	
Trichloroethene	ND	ug/kg	4.2	0.30	1		08/15/11 18:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	0.32	1		08/15/11 18:30	75-69-4	
Vinyl chloride	ND	ug/kg	4.2	0.39	1		08/15/11 18:30	75-01-4	
Xylene (Total)	ND	ug/kg	12.7	1.1	1		08/15/11 18:30	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	0.29	1		08/15/11 18:30	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	0.18	1		08/15/11 18:30	10061-01-5	
m&p-Xylene	ND	ug/kg	8.4	1.1	1		08/15/11 18:30	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.2	0.64	1		08/15/11 18:30	104-51-8	
n-Propylbenzene	ND	ug/kg	4.2	0.50	1		08/15/11 18:30	103-65-1	
o-Xylene	ND	ug/kg	4.2	0.46	1		08/15/11 18:30	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.2	0.54	1		08/15/11 18:30	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.2	0.59	1		08/15/11 18:30	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.2	0.36	1		08/15/11 18:30	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.2	0.49	1		08/15/11 18:30	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	0.42	1		08/15/11 18:30	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	0.30	1		08/15/11 18:30	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		72-129		1		08/15/11 18:30	1868-53-7	
Toluene-d8 (S)	100 %		69-133		1		08/15/11 18:30	2037-26-5	
4-Bromofluorobenzene (S)	96 %		67-142		1		08/15/11 18:30	460-00-4	
1,2-Dichloroethane-d4 (S)	107 %		67-136		1		08/15/11 18:30	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	34.0 %		0.10	0.10	1		08/09/11 17:41		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 12-14 **Lab ID: 258739036** Collected: 08/04/11 10:05 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	ND	mg/kg	20.5	10.3	1	08/12/11 12:55	08/17/11 05:16		
Motor Oil Range SG	ND	mg/kg	82.1	41.0	1	08/12/11 12:55	08/17/11 05:16	64742-65-0	
Surrogates									
n-Octacosane (S) SG	116	%	50-150		1	08/12/11 12:55	08/17/11 05:16	630-02-4	
o-Terphenyl (S) SG	99	%	50-150		1	08/12/11 12:55	08/17/11 05:16	84-15-1	
NWTPH-Gx GCV									
Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx									
Gasoline Range Organics	0.90J	mg/kg	7.2	0.29	1	08/15/11 12:00	08/16/11 03:34		
Surrogates									
a,a,a-Trifluorotoluene (S)	108	%	50-150		1	08/15/11 12:00	08/16/11 03:34	98-08-8	
4-Bromofluorobenzene (S)	83	%	50-150		1	08/15/11 12:00	08/16/11 03:34	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	7.0J	mg/kg	9.7	1.4	5	08/14/11 16:42	08/23/11 20:13	7440-38-2	
Cadmium	ND	mg/kg	4.9	0.053	5	08/14/11 16:42	08/23/11 20:13	7440-43-9	
Lead	3.4	mg/kg	0.97	0.061	1	08/14/11 16:42	08/23/11 22:56	7439-92-1	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	0.17	1		08/15/11 18:51	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	0.22	1		08/15/11 18:51	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	0.33	1		08/15/11 18:51	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	0.33	1		08/15/11 18:51	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	0.48	1		08/15/11 18:51	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	0.28	1		08/15/11 18:51	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	0.44	1		08/15/11 18:51	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.6	0.42	1		08/15/11 18:51	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	0.33	1		08/15/11 18:51	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	0.41	1		08/15/11 18:51	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	0.29	1		08/15/11 18:51	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	0.62	1		08/15/11 18:51	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	0.47	1		08/15/11 18:51	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	0.25	1		08/15/11 18:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		08/15/11 18:51	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	0.27	1		08/15/11 18:51	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.2	0.44	1		08/15/11 18:51	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/15/11 18:51	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	0.38	1		08/15/11 18:51	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	0.23	1		08/15/11 18:51	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	0.33	1		08/15/11 18:51	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	0.29	1		08/15/11 18:51	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	0.22	1		08/15/11 18:51	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.0	1.8	1		08/15/11 18:51	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	0.38	1		08/15/11 18:51	95-49-8	
2-Hexanone	ND	ug/kg	12.0	0.43	1		08/15/11 18:51	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	0.32	1		08/15/11 18:51	106-43-4	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 88 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 12-14 Lab ID: 258739036 Collected: 08/04/11 10:05 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.0	0.36	1		08/15/11 18:51	108-10-1	
Acetone	28.3	ug/kg	12.0	1.3	1		08/15/11 18:51	67-64-1	1n
Benzene	0.19J	ug/kg	3.6	0.18	1		08/15/11 18:51	71-43-2	
Bromobenzene	ND	ug/kg	3.6	0.28	1		08/15/11 18:51	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	0.26	1		08/15/11 18:51	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	0.14	1		08/15/11 18:51	75-27-4	
Bromoform	ND	ug/kg	3.6	0.28	1		08/15/11 18:51	75-25-2	
Bromomethane	ND	ug/kg	3.6	0.38	1		08/15/11 18:51	74-83-9	
Carbon disulfide	1.4J	ug/kg	3.6	0.33	1		08/15/11 18:51	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	3.6	0.22	1		08/15/11 18:51	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	0.22	1		08/15/11 18:51	108-90-7	
Chloroethane	ND	ug/kg	3.6	0.35	1		08/15/11 18:51	75-00-3	
Chloroform	ND	ug/kg	3.6	0.23	1		08/15/11 18:51	67-66-3	
Chloromethane	ND	ug/kg	3.6	0.25	1		08/15/11 18:51	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	0.12	1		08/15/11 18:51	124-48-1	
Dibromomethane	ND	ug/kg	3.6	0.25	1		08/15/11 18:51	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	0.50	1		08/15/11 18:51	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	0.45	1		08/15/11 18:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	0.35	1		08/15/11 18:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	0.41	1		08/15/11 18:51	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	0.30	1		08/15/11 18:51	1634-04-4	
Methylene chloride	ND	ug/kg	12.0	3.2	1		08/15/11 18:51	75-09-2	
Naphthalene	ND	ug/kg	3.6	0.66	1		08/15/11 18:51	91-20-3	
Styrene	ND	ug/kg	3.6	0.34	1		08/15/11 18:51	100-42-5	
Tetrachloroethene	ND	ug/kg	3.6	0.46	1		08/15/11 18:51	127-18-4	
Toluene	ND	ug/kg	3.6	0.37	1		08/15/11 18:51	108-88-3	
Trichloroethene	ND	ug/kg	3.6	0.25	1		08/15/11 18:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	0.27	1		08/15/11 18:51	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	0.33	1		08/15/11 18:51	75-01-4	
Xylene (Total)	ND	ug/kg	10.8	0.90	1		08/15/11 18:51	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	0.25	1		08/15/11 18:51	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	0.16	1		08/15/11 18:51	10061-01-5	
m&p-Xylene	ND	ug/kg	7.2	0.90	1		08/15/11 18:51	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	0.55	1		08/15/11 18:51	104-51-8	
n-Propylbenzene	0.85J	ug/kg	3.6	0.42	1		08/15/11 18:51	103-65-1	B
o-Xylene	ND	ug/kg	3.6	0.39	1		08/15/11 18:51	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	0.46	1		08/15/11 18:51	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	0.50	1		08/15/11 18:51	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	0.31	1		08/15/11 18:51	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	0.41	1		08/15/11 18:51	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	0.36	1		08/15/11 18:51	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	0.25	1		08/15/11 18:51	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		72-129		1		08/15/11 18:51	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/15/11 18:51	2037-26-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 12-14 **Lab ID:** 258739036 Collected: 08/04/11 10:05 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Surrogates									
4-Bromofluorobenzene (S)	97 %		67-142		1		08/15/11 18:51	460-00-4	
1,2-Dichloroethane-d4 (S)	99 %		67-136		1		08/15/11 18:51	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	26.0 %		0.10	0.10	1		08/09/11 17:42		

Sample: SUP_SL_56 14-16 **Lab ID:** 258739037 Collected: 08/04/11 10:10 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	19.6	9.8	1	08/12/11 12:55	08/16/11 16:01		
Motor Oil Range SG	ND	mg/kg	78.2	39.1	1	08/12/11 12:55	08/16/11 16:01	64742-65-0	
Surrogates									
n-Octacosane (S) SG	96 %		50-150		1	08/12/11 12:55	08/16/11 16:01	630-02-4	
o-Terphenyl (S) SG	79 %		50-150		1	08/12/11 12:55	08/16/11 16:01	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.1J	mg/kg	8.1	0.32	1	08/15/11 12:00	08/16/11 03:58		
Surrogates									
a,a,a-Trifluorotoluene (S)	107 %		50-150		1	08/15/11 12:00	08/16/11 03:58	98-08-8	
4-Bromofluorobenzene (S)	85 %		50-150		1	08/15/11 12:00	08/16/11 03:58	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.5J	mg/kg	11.3	1.7	5	08/14/11 16:42	08/23/11 20:16	7440-38-2	
Cadmium	0.074J	mg/kg	5.7	0.062	5	08/14/11 16:42	08/23/11 20:16	7440-43-9	D3
Lead	3.2	mg/kg	1.1	0.071	1	08/14/11 16:42	08/23/11 23:07	7439-92-1	

8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		08/16/11 17:31	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		08/16/11 17:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		08/16/11 17:31	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.32	1		08/16/11 17:31	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.46	1		08/16/11 17:31	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.27	1		08/16/11 17:31	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		08/16/11 17:31	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.5	0.40	1		08/16/11 17:31	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.32	1		08/16/11 17:31	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.39	1		08/16/11 17:31	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		08/16/11 17:31	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.60	1		08/16/11 17:31	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 14-16 Lab ID: 258739037 Collected: 08/04/11 10:10 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	0.45	1		08/16/11 17:31	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.24	1		08/16/11 17:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/16/11 17:31	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		08/16/11 17:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.43	1		08/16/11 17:31	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/16/11 17:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.37	1		08/16/11 17:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		08/16/11 17:31	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		08/16/11 17:31	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/16/11 17:31	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		08/16/11 17:31	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.5	1.7	1		08/16/11 17:31	78-93-3	L3
2-Chlorotoluene	ND	ug/kg	3.5	0.36	1		08/16/11 17:31	95-49-8	
2-Hexanone	ND	ug/kg	11.5	0.41	1		08/16/11 17:31	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		08/16/11 17:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.5	0.35	1		08/16/11 17:31	108-10-1	
Acetone	23.0	ug/kg	11.5	1.3	1		08/16/11 17:31	67-64-1	1n,B,L1
Benzene	0.20J	ug/kg	3.5	0.17	1		08/16/11 17:31	71-43-2	
Bromobenzene	ND	ug/kg	3.5	0.27	1		08/16/11 17:31	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.25	1		08/16/11 17:31	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		08/16/11 17:31	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		08/16/11 17:31	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		08/16/11 17:31	74-83-9	
Carbon disulfide	3.8	ug/kg	3.5	0.32	1		08/16/11 17:31	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		08/16/11 17:31	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		08/16/11 17:31	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.33	1		08/16/11 17:31	75-00-3	
Chloroform	ND	ug/kg	3.5	0.22	1		08/16/11 17:31	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		08/16/11 17:31	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		08/16/11 17:31	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		08/16/11 17:31	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.48	1		08/16/11 17:31	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.44	1		08/16/11 17:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.34	1		08/16/11 17:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.40	1		08/16/11 17:31	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		08/16/11 17:31	1634-04-4	
Methylene chloride	ND	ug/kg	11.5	3.0	1		08/16/11 17:31	75-09-2	L3
Naphthalene	0.91J	ug/kg	3.5	0.63	1		08/16/11 17:31	91-20-3	
Styrene	ND	ug/kg	3.5	0.33	1		08/16/11 17:31	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.44	1		08/16/11 17:31	127-18-4	
Toluene	ND	ug/kg	3.5	0.36	1		08/16/11 17:31	108-88-3	
Trichloroethene	ND	ug/kg	3.5	0.24	1		08/16/11 17:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.26	1		08/16/11 17:31	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.32	1		08/16/11 17:31	75-01-4	
Xylene (Total)	ND	ug/kg	10.4	0.86	1		08/16/11 17:31	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 14-16 **Lab ID: 258739037** Collected: 08/04/11 10:10 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.24	1		08/16/11 17:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		08/16/11 17:31	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.86	1		08/16/11 17:31	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.5	0.53	1		08/16/11 17:31	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		08/16/11 17:31	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		08/16/11 17:31	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.5	0.44	1		08/16/11 17:31	99-87-6	
sec-Butylbenzene	0.71J	ug/kg	3.5	0.48	1		08/16/11 17:31	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		08/16/11 17:31	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		08/16/11 17:31	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		08/16/11 17:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.24	1		08/16/11 17:31	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	97 %		72-129		1		08/16/11 17:31	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/16/11 17:31	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/16/11 17:31	460-00-4	
1,2-Dichloroethane-d4 (S)	96 %		67-136		1		08/16/11 17:31	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.3 %		0.10	0.10	1		08/09/11 17:43		

Sample: SUP_SL_56 DUP **Lab ID: 258739038** Collected: 08/04/11 10:15 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	ND	mg/kg	20.7	10.3	1	08/12/11 12:55	08/16/11 16:48		
Motor Oil Range SG	ND	mg/kg	82.6	41.3	1	08/12/11 12:55	08/16/11 16:48	64742-65-0	
Surrogates									
n-Octacosane (S) SG	97 %		50-150		1	08/12/11 12:55	08/16/11 16:48	630-02-4	
o-Terphenyl (S) SG	80 %		50-150		1	08/12/11 12:55	08/16/11 16:48	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	1.1J	mg/kg	7.5	0.30	1	08/15/11 12:00	08/16/11 04:46		
Surrogates									
a,a,a-Trifluorotoluene (S)	109 %		50-150		1	08/15/11 12:00	08/16/11 04:46	98-08-8	
4-Bromofluorobenzene (S)	88 %		50-150		1	08/15/11 12:00	08/16/11 04:46	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.1J	mg/kg	11.1	1.7	5	08/14/11 16:42	08/23/11 20:20	7440-38-2	
Cadmium	ND	mg/kg	5.6	0.061	5	08/14/11 16:42	08/23/11 20:20	7440-43-9	D3
Lead	4.2	mg/kg	1.1	0.070	1	08/14/11 16:42	08/23/11 23:11	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 DUP Lab ID: 258739038 Collected: 08/04/11 10:15 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.16	1		08/15/11 19:32	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.20	1		08/15/11 19:32	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2	0.30	1		08/15/11 19:32	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.30	1		08/15/11 19:32	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.44	1		08/15/11 19:32	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.26	1		08/15/11 19:32	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.40	1		08/15/11 19:32	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.2	0.38	1		08/15/11 19:32	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.30	1		08/15/11 19:32	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.37	1		08/15/11 19:32	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		08/15/11 19:32	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.56	1		08/15/11 19:32	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	0.42	1		08/15/11 19:32	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.23	1		08/15/11 19:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.27	1		08/15/11 19:32	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.24	1		08/15/11 19:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.5	0.40	1		08/15/11 19:32	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		08/15/11 19:32	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		08/15/11 19:32	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.21	1		08/15/11 19:32	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.30	1		08/15/11 19:32	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		08/15/11 19:32	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		08/15/11 19:32	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.8	1.6	1		08/15/11 19:32	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.34	1		08/15/11 19:32	95-49-8	
2-Hexanone	ND	ug/kg	10.8	0.39	1		08/15/11 19:32	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.29	1		08/15/11 19:32	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	0.33	1		08/15/11 19:32	108-10-1	
Acetone	14.6	ug/kg	10.8	1.2	1		08/15/11 19:32	67-64-1	1n
Benzene	0.21J	ug/kg	3.2	0.16	1		08/15/11 19:32	71-43-2	
Bromobenzene	ND	ug/kg	3.2	0.25	1		08/15/11 19:32	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.24	1		08/15/11 19:32	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.13	1		08/15/11 19:32	75-27-4	
Bromoform	ND	ug/kg	3.2	0.25	1		08/15/11 19:32	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.34	1		08/15/11 19:32	74-83-9	
Carbon disulfide	1.8J	ug/kg	3.2	0.30	1		08/15/11 19:32	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	3.2	0.20	1		08/15/11 19:32	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.20	1		08/15/11 19:32	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.31	1		08/15/11 19:32	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		08/15/11 19:32	67-66-3	
Chloromethane	ND	ug/kg	3.2	0.22	1		08/15/11 19:32	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		08/15/11 19:32	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.23	1		08/15/11 19:32	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.45	1		08/15/11 19:32	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.41	1		08/15/11 19:32	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258739

Sample: SUP_SL_56 DUP Lab ID: 258739038 Collected: 08/04/11 10:15 Received: 08/04/11 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.32	1		08/15/11 19:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		08/15/11 19:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.27	1		08/15/11 19:32	1634-04-4	
Methylene chloride	ND	ug/kg	10.8	2.9	1		08/15/11 19:32	75-09-2	
Naphthalene	0.80J	ug/kg	3.2	0.59	1		08/15/11 19:32	91-20-3	B
Styrene	ND	ug/kg	3.2	0.31	1		08/15/11 19:32	100-42-5	
Tetrachloroethene	ND	ug/kg	3.2	0.41	1		08/15/11 19:32	127-18-4	
Toluene	ND	ug/kg	3.2	0.33	1		08/15/11 19:32	108-88-3	
Trichloroethene	ND	ug/kg	3.2	0.23	1		08/15/11 19:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.25	1		08/15/11 19:32	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		08/15/11 19:32	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	0.81	1		08/15/11 19:32	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.2	0.23	1		08/15/11 19:32	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		08/15/11 19:32	10061-01-5	
m&p-Xylene	ND	ug/kg	6.5	0.81	1		08/15/11 19:32	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.2	0.49	1		08/15/11 19:32	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.38	1		08/15/11 19:32	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.35	1		08/15/11 19:32	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.2	0.42	1		08/15/11 19:32	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.45	1		08/15/11 19:32	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.28	1		08/15/11 19:32	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.37	1		08/15/11 19:32	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		08/15/11 19:32	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.23	1		08/15/11 19:32	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		72-129		1		08/15/11 19:32	1868-53-7	
Toluene-d8 (S)	94 %		69-133		1		08/15/11 19:32	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-142		1		08/15/11 19:32	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		67-136		1		08/15/11 19:32	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	25.6 %		0.10	0.10	1		08/09/11 17:43		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258739

QC Batch: GCV/2392 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
Associated Lab Samples: 258739006, 258739007, 258739008, 258739009, 258739010, 258739011, 258739012, 258739013, 258739014, 258739015, 258739016, 258739017, 258739018, 258739019, 258739020, 258739021, 258739022, 258739023, 258739024, 258739025

METHOD BLANK: 81786 Matrix: Solid
Associated Lab Samples: 258739006, 258739007, 258739008, 258739009, 258739010, 258739011, 258739012, 258739013, 258739014, 258739015, 258739016, 258739017, 258739018, 258739019, 258739020, 258739021, 258739022, 258739023, 258739024, 258739025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	0.89J	5.0	08/12/11 16:01	
4-Bromofluorobenzene (S)	%	69	50-150	08/12/11 16:01	
a,a,a-Trifluorotoluene (S)	%	94	50-150	08/12/11 16:01	

LABORATORY CONTROL SAMPLE: 81787

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	11.9	95	63-140	
4-Bromofluorobenzene (S)	%			84	50-150	
a,a,a-Trifluorotoluene (S)	%			110	50-150	

SAMPLE DUPLICATE: 81950

Parameter	Units	258739008 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	7.2J	6.5J		30	
4-Bromofluorobenzene (S)	%	90	84	7		
a,a,a-Trifluorotoluene (S)	%	115	106	8		

SAMPLE DUPLICATE: 81951

Parameter	Units	258739009 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	1.8J	1.8J		30	
4-Bromofluorobenzene (S)	%	74	87	16		
a,a,a-Trifluorotoluene (S)	%	94	110	15		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258739

QC Batch: GCV/2399 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
Associated Lab Samples: 258739026, 258739027, 258739029, 258739030, 258739031, 258739032, 258739033, 258739034, 258739035, 258739036, 258739037, 258739038

METHOD BLANK: 81958 Matrix: Solid
Associated Lab Samples: 258739026, 258739027, 258739029, 258739030, 258739031, 258739032, 258739033, 258739034, 258739035, 258739036, 258739037, 258739038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	0.70J	5.0	08/15/11 20:30	
4-Bromofluorobenzene (S)	%	78	50-150	08/15/11 20:30	
a,a,a-Trifluorotoluene (S)	%	100	50-150	08/15/11 20:30	

LABORATORY CONTROL SAMPLE: 81959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	11.7	93	63-140	
4-Bromofluorobenzene (S)	%			86	50-150	
a,a,a-Trifluorotoluene (S)	%			105	50-150	

SAMPLE DUPLICATE: 82094

Parameter	Units	258739027 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	3.6J	1.4J		30	
4-Bromofluorobenzene (S)	%	96	90	6		
a,a,a-Trifluorotoluene (S)	%	110	109	.6		

SAMPLE DUPLICATE: 82095

Parameter	Units	258739033 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	1.0J	0.85J		30	
4-Bromofluorobenzene (S)	%	90	87	4		
a,a,a-Trifluorotoluene (S)	%	110	108	2		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: MPRP/2409 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 258739001, 258739002, 258739004, 258739005, 258739006, 258739007, 258739008, 258739009, 258739010, 258739011, 258739012, 258739013, 258739015, 258739016, 258739017, 258739018, 258739019, 258739020, 258739021, 258739022

METHOD BLANK: 81861 Matrix: Solid
 Associated Lab Samples: 258739001, 258739002, 258739004, 258739005, 258739006, 258739007, 258739008, 258739009, 258739010, 258739011, 258739012, 258739013, 258739015, 258739016, 258739017, 258739018, 258739019, 258739020, 258739021, 258739022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/23/11 17:26	
Cadmium	mg/kg	ND	1.0	08/23/11 17:26	
Lead	mg/kg	ND	1.0	08/23/11 17:26	

LABORATORY CONTROL SAMPLE: 81862

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.5	94	80-120	
Cadmium	mg/kg	25	24.1	96	80-120	
Lead	mg/kg	25	23.3	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81863 81864

Parameter	Units	258739001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	256	29.3	29.3	264	166	25	-305	75-125	45	20	M1, R1
Cadmium	mg/kg	1.6J	29.3	29.3	30.5	31.7	98	102	75-125	4	20	
Lead	mg/kg	21.3	29.3	29.3	47.1	41.1	88	68	75-125	13	20	M1

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258739

QC Batch: MPRP/2410 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 258739023, 258739024, 258739025, 258739027, 258739028, 258739029, 258739030, 258739031, 258739032, 258739033, 258739034, 258739035, 258739036, 258739037, 258739038

METHOD BLANK: 81865 Matrix: Solid
Associated Lab Samples: 258739023, 258739024, 258739025, 258739027, 258739028, 258739029, 258739030, 258739031, 258739032, 258739033, 258739034, 258739035, 258739036, 258739037, 258739038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/23/11 19:03	
Cadmium	mg/kg	ND	1.0	08/23/11 19:03	
Lead	mg/kg	0.084J	1.0	08/23/11 19:03	

LABORATORY CONTROL SAMPLE: 81866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.2	97	80-120	
Cadmium	mg/kg	25	25.0	100	80-120	
Lead	mg/kg	25	24.2	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81867 81868

Parameter	Units	258739023 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	MS Result	MSD Result						
Arsenic	mg/kg	5.6J	31.8	29.1	40.2	36.9	109	107	75-125	9	20	
Cadmium	mg/kg	0.20J	31.8	29.1	35.6	32.0	112	109	75-125	11	20	
Lead	mg/kg	4.3	31.8	29.1	32.7	32.8	90	98	75-125	.2	20	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: MSV/5118

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258739001, 258739002, 258739003, 258739004, 258739005, 258739008, 258739009, 258739010, 258739011, 258739012, 258739013

METHOD BLANK: 81812

Matrix: Solid

Associated Lab Samples: 258739001, 258739002, 258739003, 258739004, 258739005, 258739008, 258739009, 258739010, 258739011, 258739012, 258739013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1-Dichloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,1-Dichloroethene	ug/kg	ND	3.0	08/12/11 17:59	
1,1-Dichloropropene	ug/kg	ND	3.0	08/12/11 17:59	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/12/11 17:59	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/12/11 17:59	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/12/11 17:59	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,2-Dichloroethane	ug/kg	ND	3.0	08/12/11 17:59	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/12/11 17:59	
1,2-Dichloropropane	ug/kg	ND	3.0	08/12/11 17:59	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
1,3-Dichloropropane	ug/kg	ND	3.0	08/12/11 17:59	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
2,2-Dichloropropane	ug/kg	ND	3.0	08/12/11 17:59	
2-Butanone (MEK)	ug/kg	ND	10.0	08/12/11 17:59	
2-Chlorotoluene	ug/kg	ND	3.0	08/12/11 17:59	
2-Hexanone	ug/kg	ND	10.0	08/12/11 17:59	
4-Chlorotoluene	ug/kg	ND	3.0	08/12/11 17:59	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/12/11 17:59	
Acetone	ug/kg	ND	10.0	08/12/11 17:59	
Benzene	ug/kg	ND	3.0	08/12/11 17:59	
Bromobenzene	ug/kg	ND	3.0	08/12/11 17:59	
Bromochloromethane	ug/kg	ND	3.0	08/12/11 17:59	
Bromodichloromethane	ug/kg	ND	3.0	08/12/11 17:59	
Bromoform	ug/kg	ND	3.0	08/12/11 17:59	
Bromomethane	ug/kg	ND	3.0	08/12/11 17:59	
Carbon disulfide	ug/kg	0.34J	3.0	08/12/11 17:59	
Carbon tetrachloride	ug/kg	ND	3.0	08/12/11 17:59	
Chlorobenzene	ug/kg	ND	3.0	08/12/11 17:59	
Chloroethane	ug/kg	ND	3.0	08/12/11 17:59	
Chloroform	ug/kg	ND	3.0	08/12/11 17:59	
Chloromethane	ug/kg	ND	3.0	08/12/11 17:59	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

METHOD BLANK: 81812

Matrix: Solid

Associated Lab Samples: 258739001, 258739002, 258739003, 258739004, 258739005, 258739008, 258739009, 258739010, 258739011, 258739012, 258739013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/12/11 17:59	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/12/11 17:59	
Dibromochloromethane	ug/kg	ND	3.0	08/12/11 17:59	
Dibromomethane	ug/kg	ND	3.0	08/12/11 17:59	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/12/11 17:59	
Ethylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/12/11 17:59	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/12/11 17:59	
m&p-Xylene	ug/kg	ND	6.0	08/12/11 17:59	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/12/11 17:59	
Methylene chloride	ug/kg	5.0J	10.0	08/12/11 17:59	
n-Butylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
n-Propylbenzene	ug/kg	0.73J	3.0	08/12/11 17:59	
Naphthalene	ug/kg	ND	3.0	08/12/11 17:59	
o-Xylene	ug/kg	ND	3.0	08/12/11 17:59	
p-Isopropyltoluene	ug/kg	ND	3.0	08/12/11 17:59	
sec-Butylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
Styrene	ug/kg	ND	3.0	08/12/11 17:59	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/12/11 17:59	
tert-Butylbenzene	ug/kg	ND	3.0	08/12/11 17:59	
Tetrachloroethene	ug/kg	ND	3.0	08/12/11 17:59	
Toluene	ug/kg	ND	3.0	08/12/11 17:59	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/12/11 17:59	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/12/11 17:59	
Trichloroethene	ug/kg	ND	3.0	08/12/11 17:59	
Trichlorofluoromethane	ug/kg	ND	3.0	08/12/11 17:59	
Vinyl chloride	ug/kg	ND	3.0	08/12/11 17:59	
Xylene (Total)	ug/kg	0.92J	9.0	08/12/11 17:59	
1,2-Dichloroethane-d4 (S)	%	100	67-136	08/12/11 17:59	
4-Bromofluorobenzene (S)	%	100	67-142	08/12/11 17:59	
Dibromofluoromethane (S)	%	100	72-129	08/12/11 17:59	
Toluene-d8 (S)	%	99	69-133	08/12/11 17:59	

LABORATORY CONTROL SAMPLE & LCSD: 81813

82261

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.5	49.3	105	99	68-127	6	15	
1,1,1-Trichloroethane	ug/kg	50	56.9	51.5	114	103	69-139	10	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	52.3	49.6	105	99	63-137	5	15	
1,1,2-Trichloroethane	ug/kg	50	51.8	48.5	104	97	65-131	7	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	57.6	55.6	115	111	64-153	3	27	
1,1-Dichloroethane	ug/kg	50	56.3	52.1	113	104	69-133	8	23	
1,1-Dichloroethene	ug/kg	50	63.8	62.3	128	125	68-157	2	28	
1,1-Dichloropropene	ug/kg	50	54.5	45.9	109	92	68-140	17	21	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 100 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

LABORATORY CONTROL SAMPLE & LCSD: 81813		82261								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	48.4	47.6	97	95	69-132	2	15	
1,2,3-Trichloropropane	ug/kg	50	47.6	43.8	95	88	71-124	8	15	
1,2,4-Trichlorobenzene	ug/kg	50	49.0	48.8	98	98	68-137	.3	15	
1,2,4-Trimethylbenzene	ug/kg	50	50.0	46.8	100	94	74-124	7	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	48.2	44.8	96	90	52-133	8	22	
1,2-Dibromoethane (EDB)	ug/kg	50	52.4	51.8	105	104	66-129	1	15	
1,2-Dichlorobenzene	ug/kg	50	50.4	47.2	101	94	78-122	7	15	
1,2-Dichloroethane	ug/kg	50	52.9	50.2	106	100	67-131	5	15	
1,2-Dichloroethene (Total)	ug/kg	100	118	108	118	108	73-143	8	20	
1,2-Dichloropropane	ug/kg	50	55.2	52.6	110	105	67-133	5	15	
1,3,5-Trimethylbenzene	ug/kg	50	53.7	48.9	107	98	78-124	9	15	
1,3-Dichlorobenzene	ug/kg	50	51.7	48.3	103	97	79-122	7	15	
1,3-Dichloropropane	ug/kg	50	52.0	48.8	104	98	62-131	6	15	
1,4-Dichlorobenzene	ug/kg	50	50.0	47.1	100	94	77-119	6	15	
2,2-Dichloropropane	ug/kg	50	56.3	52.6	113	105	66-143	7	20	
2-Butanone (MEK)	ug/kg	100	121	96.4	121	96	44-160	23	27	
2-Chlorotoluene	ug/kg	50	50.6	46.0	101	92	75-123	10	15	
2-Hexanone	ug/kg	100	115	99.7	115	100	40-160	14	21	
4-Chlorotoluene	ug/kg	50	53.1	49.3	106	99	78-127	7	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	107	99.1	107	99	46-156	8	17	
Acetone	ug/kg	100	133	109	133	109	40-160	20	30	
Benzene	ug/kg	50	52.8	49.6	106	99	69-133	6	15	
Bromobenzene	ug/kg	50	53.1	48.8	106	98	81-122	8	15	
Bromochloromethane	ug/kg	50	55.3	51.9	111	104	77-132	6	16	
Bromodichloromethane	ug/kg	50	51.1	48.7	102	97	75-132	5	15	
Bromoform	ug/kg	50	46.6	44.3	93	89	58-128	5	15	
Bromomethane	ug/kg	50	52.7	55.8	105	112	46-160	6	24	
Carbon disulfide	ug/kg	50	70.8	63.5	142	127	56-143	11	24	
Carbon tetrachloride	ug/kg	50	57.1	50.0	114	100	65-146	13	24	
Chlorobenzene	ug/kg	50	52.8	49.4	106	99	76-123	7	15	
Chloroethane	ug/kg	50	55.3	56.8	111	114	51-146	3	24	
Chloroform	ug/kg	50	54.4	50.4	109	101	73-132	8	17	
Chloromethane	ug/kg	50	55.9	57.3	112	115	40-142	2	23	
cis-1,2-Dichloroethene	ug/kg	50	57.0	53.3	114	107	75-142	7	20	
cis-1,3-Dichloropropene	ug/kg	50	53.3	52.3	107	105	62-150	2	15	
Dibromochloromethane	ug/kg	50	51.6	48.0	103	96	70-126	7	15	
Dibromomethane	ug/kg	50	52.2	51.3	104	103	75-132	2	15	
Dichlorodifluoromethane	ug/kg	50	61.7	58.1	123	116	40-160	6	24	
Ethylbenzene	ug/kg	50	53.5	49.4	107	99	68-126	8	15	
Hexachloro-1,3-butadiene	ug/kg	50	51.6	47.9	103	96	65-144	7	24	
Isopropylbenzene (Cumene)	ug/kg	50	49.5	46.7	99	93	73-120	6	15	
m&p-Xylene	ug/kg	100	97.8	90.2	98	90	66-128	8	15	
Methyl-tert-butyl ether	ug/kg	50	55.6	51.6	111	103	67-134	7	21	
Methylene chloride	ug/kg	50	62.6	59.7	125	119	59-149	5	20	
n-Butylbenzene	ug/kg	50	52.9	48.4	106	97	72-125	9	17	
n-Propylbenzene	ug/kg	50	54.5	48.0	109	96	73-131	13	18	
Naphthalene	ug/kg	50	46.9	47.7	94	95	54-147	2	23	
o-Xylene	ug/kg	50	50.0	47.5	100	95	70-125	5	16	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

LABORATORY CONTROL SAMPLE & LCSD: 81813		82261								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/kg	50	53.9	48.1	108	96	76-127	11	17	
sec-Butylbenzene	ug/kg	50	53.3	47.8	107	96	75-134	11	20	
Styrene	ug/kg	50	52.1	49.7	104	99	72-124	5	19	
tert-Amylmethyl ether	ug/kg	50	53.0	49.9	106	100	59-145	6	17	
tert-Butylbenzene	ug/kg	50	52.5	47.1	105	94	74-130	11	21	
Tetrachloroethene	ug/kg	50	54.1	49.4	108	99	57-131	9	22	
Toluene	ug/kg	50	51.4	49.0	103	98	68-130	5	17	
trans-1,2-Dichloroethene	ug/kg	50	60.8	55.1	122	110	71-146	10	21	
trans-1,3-Dichloropropene	ug/kg	50	53.0	50.4	106	101	61-128	5	15	
Trichloroethene	ug/kg	50	53.4	49.6	107	99	71-138	7	18	
Trichlorofluoromethane	ug/kg	50	54.7	50.2	109	100	50-160	9	25	
Vinyl chloride	ug/kg	50	56.9	55.4	114	111	48-141	3	29	
Xylene (Total)	ug/kg	150	148	138	99	92	68-126	7	15	
1,2-Dichloroethane-d4 (S)	%				99	97	67-136			
4-Bromofluorobenzene (S)	%				102	99	67-142			
Dibromofluoromethane (S)	%				101	98	72-129			
Toluene-d8 (S)	%				102	102	69-133			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: MSV/5120

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258739014, 258739015, 258739016, 258739017, 258739019, 258739020, 258739021, 258739022, 258739023, 258739024, 258739025, 258739026, 258739027

METHOD BLANK: 81871

Matrix: Solid

Associated Lab Samples: 258739014, 258739015, 258739016, 258739017, 258739019, 258739020, 258739021, 258739022, 258739023, 258739024, 258739025, 258739026, 258739027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/15/11 11:02	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/15/11 11:02	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/15/11 11:02	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/15/11 11:02	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/15/11 11:02	
1,1-Dichloroethane	ug/kg	ND	3.0	08/15/11 11:02	
1,1-Dichloroethene	ug/kg	ND	3.0	08/15/11 11:02	
1,1-Dichloropropene	ug/kg	ND	3.0	08/15/11 11:02	
1,2,3-Trichlorobenzene	ug/kg	0.50J	3.0	08/15/11 11:02	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/15/11 11:02	
1,2,4-Trichlorobenzene	ug/kg	0.42J	3.0	08/15/11 11:02	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/15/11 11:02	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/15/11 11:02	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/15/11 11:02	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/15/11 11:02	
1,2-Dichloroethane	ug/kg	ND	3.0	08/15/11 11:02	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/15/11 11:02	
1,2-Dichloropropane	ug/kg	ND	3.0	08/15/11 11:02	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/15/11 11:02	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/15/11 11:02	
1,3-Dichloropropane	ug/kg	ND	3.0	08/15/11 11:02	
1,4-Dichlorobenzene	ug/kg	0.24J	3.0	08/15/11 11:02	
2,2-Dichloropropane	ug/kg	ND	3.0	08/15/11 11:02	
2-Butanone (MEK)	ug/kg	ND	10.0	08/15/11 11:02	
2-Chlorotoluene	ug/kg	ND	3.0	08/15/11 11:02	
2-Hexanone	ug/kg	4.1J	10.0	08/15/11 11:02	
4-Chlorotoluene	ug/kg	ND	3.0	08/15/11 11:02	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/15/11 11:02	
Acetone	ug/kg	ND	10.0	08/15/11 11:02	
Benzene	ug/kg	0.16J	3.0	08/15/11 11:02	
Bromobenzene	ug/kg	ND	3.0	08/15/11 11:02	
Bromochloromethane	ug/kg	ND	3.0	08/15/11 11:02	
Bromodichloromethane	ug/kg	ND	3.0	08/15/11 11:02	
Bromoform	ug/kg	ND	3.0	08/15/11 11:02	
Bromomethane	ug/kg	ND	3.0	08/15/11 11:02	
Carbon disulfide	ug/kg	2.4J	3.0	08/15/11 11:02	
Carbon tetrachloride	ug/kg	ND	3.0	08/15/11 11:02	
Chlorobenzene	ug/kg	ND	3.0	08/15/11 11:02	
Chloroethane	ug/kg	ND	3.0	08/15/11 11:02	
Chloroform	ug/kg	0.44J	3.0	08/15/11 11:02	
Chloromethane	ug/kg	ND	3.0	08/15/11 11:02	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 103 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

METHOD BLANK: 81871

Matrix: Solid

Associated Lab Samples: 258739014, 258739015, 258739016, 258739017, 258739019, 258739020, 258739021, 258739022, 258739023, 258739024, 258739025, 258739026, 258739027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/15/11 11:02	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/15/11 11:02	
Dibromochloromethane	ug/kg	ND	3.0	08/15/11 11:02	
Dibromomethane	ug/kg	ND	3.0	08/15/11 11:02	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/15/11 11:02	
Ethylbenzene	ug/kg	ND	3.0	08/15/11 11:02	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/15/11 11:02	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/15/11 11:02	
m&p-Xylene	ug/kg	ND	6.0	08/15/11 11:02	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/15/11 11:02	
Methylene chloride	ug/kg	ND	10.0	08/15/11 11:02	
n-Butylbenzene	ug/kg	ND	3.0	08/15/11 11:02	
n-Propylbenzene	ug/kg	ND	3.0	08/15/11 11:02	
Naphthalene	ug/kg	ND	3.0	08/15/11 11:02	
o-Xylene	ug/kg	ND	3.0	08/15/11 11:02	
p-Isopropyltoluene	ug/kg	ND	3.0	08/15/11 11:02	
sec-Butylbenzene	ug/kg	ND	3.0	08/15/11 11:02	
Styrene	ug/kg	ND	3.0	08/15/11 11:02	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/15/11 11:02	
tert-Butylbenzene	ug/kg	ND	3.0	08/15/11 11:02	
Tetrachloroethene	ug/kg	ND	3.0	08/15/11 11:02	
Toluene	ug/kg	ND	3.0	08/15/11 11:02	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/15/11 11:02	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/15/11 11:02	
Trichloroethene	ug/kg	ND	3.0	08/15/11 11:02	
Trichlorofluoromethane	ug/kg	ND	3.0	08/15/11 11:02	
Vinyl chloride	ug/kg	ND	3.0	08/15/11 11:02	
Xylene (Total)	ug/kg	0.79J	9.0	08/15/11 11:02	
1,2-Dichloroethane-d4 (S)	%	101	67-136	08/15/11 11:02	
4-Bromofluorobenzene (S)	%	101	67-142	08/15/11 11:02	
Dibromofluoromethane (S)	%	101	72-129	08/15/11 11:02	
Toluene-d8 (S)	%	100	69-133	08/15/11 11:02	

LABORATORY CONTROL SAMPLE: 81872

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	48.9	98	68-127	
1,1,1-Trichloroethane	ug/kg	50	46.6	93	69-139	
1,1,2,2-Tetrachloroethane	ug/kg	50	51.8	104	63-137	
1,1,2-Trichloroethane	ug/kg	50	49.3	99	65-131	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	50.4	101	64-153	
1,1-Dichloroethane	ug/kg	50	48.6	97	69-133	
1,1-Dichloroethene	ug/kg	50	54.1	108	68-157	
1,1-Dichloropropene	ug/kg	50	42.8	86	68-140	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 104 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

LABORATORY CONTROL SAMPLE: 81872

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	50	52.4	105	69-132	
1,2,3-Trichloropropane	ug/kg	50	51.8	104	71-124	
1,2,4-Trichlorobenzene	ug/kg	50	52.0	104	68-137	
1,2,4-Trimethylbenzene	ug/kg	50	48.1	96	74-124	
1,2-Dibromo-3-chloropropane	ug/kg	50	55.3	111	52-133	
1,2-Dibromoethane (EDB)	ug/kg	50	51.5	103	66-129	
1,2-Dichlorobenzene	ug/kg	50	50.5	101	78-122	
1,2-Dichloroethane	ug/kg	50	52.0	104	67-131	
1,2-Dichloroethene (Total)	ug/kg	100	101	101	73-143	
1,2-Dichloropropane	ug/kg	50	49.6	99	67-133	
1,3,5-Trimethylbenzene	ug/kg	50	47.4	95	78-124	
1,3-Dichlorobenzene	ug/kg	50	49.7	99	79-122	
1,3-Dichloropropane	ug/kg	50	50.5	101	62-131	
1,4-Dichlorobenzene	ug/kg	50	49.4	99	77-119	
2,2-Dichloropropane	ug/kg	50	51.0	102	66-143	
2-Butanone (MEK)	ug/kg	100	108	108	44-160	
2-Chlorotoluene	ug/kg	50	47.3	95	75-123	
2-Hexanone	ug/kg	100	107	107	40-160	
4-Chlorotoluene	ug/kg	50	49.8	100	78-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	109	109	46-156	
Acetone	ug/kg	100	93.2	93	40-160	
Benzene	ug/kg	50	48.6	97	69-133	
Bromobenzene	ug/kg	50	49.6	99	81-122	
Bromochloromethane	ug/kg	50	51.7	103	77-132	
Bromodichloromethane	ug/kg	50	51.6	103	75-132	
Bromoform	ug/kg	50	53.0	106	58-128	
Bromomethane	ug/kg	50	40.5	81	46-160	
Carbon disulfide	ug/kg	50	66.1	132	56-143	
Carbon tetrachloride	ug/kg	50	53.9	108	65-146	
Chlorobenzene	ug/kg	50	47.9	96	76-123	
Chloroethane	ug/kg	50	47.2	94	51-146	
Chloroform	ug/kg	50	50.1	100	73-132	
Chloromethane	ug/kg	50	32.1	64	40-142	
cis-1,2-Dichloroethene	ug/kg	50	51.5	103	75-142	
cis-1,3-Dichloropropene	ug/kg	50	47.2	94	62-150	
Dibromochloromethane	ug/kg	50	52.2	104	70-126	
Dibromomethane	ug/kg	50	52.1	104	75-132	
Dichlorodifluoromethane	ug/kg	50	37.7	75	40-160	
Ethylbenzene	ug/kg	50	45.7	91	68-126	
Hexachloro-1,3-butadiene	ug/kg	50	43.8	88	65-144	
Isopropylbenzene (Cumene)	ug/kg	50	46.3	93	73-120	
m&p-Xylene	ug/kg	100	92.4	92	66-128	
Methyl-tert-butyl ether	ug/kg	50	52.3	105	67-134	
Methylene chloride	ug/kg	50	55.6	111	59-149	
n-Butylbenzene	ug/kg	50	44.9	90	72-125	
n-Propylbenzene	ug/kg	50	45.9	92	73-131	
Naphthalene	ug/kg	50	56.3	113	54-147	
o-Xylene	ug/kg	50	46.6	93	70-125	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 105 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258739

LABORATORY CONTROL SAMPLE: 81872

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	50	44.7	89	76-127	
sec-Butylbenzene	ug/kg	50	44.6	89	75-134	
Styrene	ug/kg	50	45.7	91	72-124	
tert-Amylmethyl ether	ug/kg	50	40.5	81	59-145	
tert-Butylbenzene	ug/kg	50	45.8	92	74-130	
Tetrachloroethene	ug/kg	50	45.6	91	57-131	
Toluene	ug/kg	50	45.2	90	68-130	
trans-1,2-Dichloroethene	ug/kg	50	49.8	100	71-146	
trans-1,3-Dichloropropene	ug/kg	50	46.7	93	61-128	
Trichloroethene	ug/kg	50	44.6	89	71-138	
Trichlorofluoromethane	ug/kg	50	43.3	87	50-160	
Vinyl chloride	ug/kg	50	40.3	81	48-141	
Xylene (Total)	ug/kg	150	139	93	68-126	
1,2-Dichloroethane-d4 (S)	%			100	67-136	
4-Bromofluorobenzene (S)	%			99	67-142	
Dibromofluoromethane (S)	%			102	72-129	
Toluene-d8 (S)	%			98	69-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81956 81957

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		258827001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/kg	ND	55.3	62.1	49.6	55.9	90	90	40-133	12	30	
1,1,1-Trichloroethane	ug/kg	ND	55.3	62.1	38.5	42.5	70	68	40-148	10	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	55.3	62.1	60.1	65.8	109	106	40-141	9	30	
1,1,2-Trichloroethane	ug/kg	ND	55.3	62.1	54.5	60.5	98	97	40-136	10	30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	55.3	62.1	28.5	30.8	51	50	40-153	8	30	
1,1-Dichloroethane	ug/kg	ND	55.3	62.1	49.0	54.9	88	88	40-132	12	30	
1,1-Dichloroethene	ug/kg	ND	55.3	62.1	40.3	44.8	73	72	40-155	10	30	
1,1-Dichloropropene	ug/kg	ND	55.3	62.1	33.0	35.7	60	58	40-130	8	30	
1,2,3-Trichlorobenzene	ug/kg	ND	55.3	62.1	32.9	43.1	59	69	40-130	27	30	
1,2,3-Trichloropropane	ug/kg	ND	55.3	62.1	61.1	67.4	110	108	40-158	10	30	
1,2,4-Trichlorobenzene	ug/kg	ND	55.3	62.1	33.4	42.8	60	69	40-134	25	30	
1,2,4-Trimethylbenzene	ug/kg	ND	55.3	62.1	42.0	46.9	76	75	40-133	11	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	55.3	62.1	62.1	72.4	112	117	40-127	15	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	55.3	62.1	56.1	63.6	101	102	40-138	12	30	
1,2-Dichlorobenzene	ug/kg	ND	55.3	62.1	45.6	53.1	82	85	40-136	15	30	
1,2-Dichloroethane	ug/kg	ND	55.3	62.1	57.6	66.0	104	106	40-133	14	30	
1,2-Dichloroethene (Total)	ug/kg	ND	111	124	98.8	110	89	88	40-141	11	30	
1,2-Dichloropropane	ug/kg	ND	55.3	62.1	53.4	59.8	97	96	40-131	11	30	
1,3,5-Trimethylbenzene	ug/kg	ND	55.3	62.1	39.1	43.7	70	70	40-139	11	30	
1,3-Dichlorobenzene	ug/kg	ND	55.3	62.1	43.0	49.6	78	80	40-136	14	30	
1,3-Dichloropropane	ug/kg	ND	55.3	62.1	56.0	63.2	101	102	40-132	12	30	
1,4-Dichlorobenzene	ug/kg	ND	55.3	62.1	43.5	49.5	79	80	40-134	13	30	
2,2-Dichloropropane	ug/kg	ND	55.3	62.1	45.1	47.0	81	76	40-153	4	30	
2-Butanone (MEK)	ug/kg	ND	111	124	105	122	95	98	40-147	15	30	
2-Chlorotoluene	ug/kg	ND	55.3	62.1	42.9	47.7	78	77	40-136	11	30	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 106 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81956 81957												
Parameter	Units	258827001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD		
2-Hexanone	ug/kg	ND	111	124	117	137	106	110	40-151	15	30	
4-Chlorotoluene	ug/kg	ND	55.3	62.1	44.5	49.2	80	79	40-139	10	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	111	124	129	154	116	124	40-147	18	30	
Acetone	ug/kg	ND	111	124	88.0	95.8	79	77	40-160	9	30	
Benzene	ug/kg	ND	55.3	62.1	48.3	54.2	87	87	40-129	11	30	
Bromobenzene	ug/kg	ND	55.3	62.1	49.9	55.6	90	90	40-142	11	30	
Bromochloromethane	ug/kg	ND	55.3	62.1	57.1	64.3	103	104	40-131	12	30	
Bromodichloromethane	ug/kg	ND	55.3	62.1	55.5	63.5	100	102	40-132	14	30	
Bromoform	ug/kg	ND	55.3	62.1	55.8	64.2	101	103	40-123	14	30	
Bromomethane	ug/kg	ND	55.3	62.1	43.3	49.8	78	80	40-160	14	30	
Carbon disulfide	ug/kg	ND	55.3	62.1	54.4	58.4	95	91	40-147	7	30	
Carbon tetrachloride	ug/kg	ND	55.3	62.1	40.4	43.8	73	70	40-139	8	30	
Chlorobenzene	ug/kg	ND	55.3	62.1	46.2	51.7	83	83	40-128	11	30	
Chloroethane	ug/kg	ND	55.3	62.1	48.0	44.4	87	71	40-160	8	30	
Chloroform	ug/kg	ND	55.3	62.1	52.5	58.6	95	94	40-142	11	30	
Chloromethane	ug/kg	ND	55.3	62.1	25.5	28.0	46	45	40-150	9	30	
cis-1,2-Dichloroethene	ug/kg	ND	55.3	62.1	52.9	59.4	96	96	40-138	12	30	
cis-1,3-Dichloropropene	ug/kg	ND	55.3	62.1	50.4	58.3	91	94	40-130	14	30	
Dibromochloromethane	ug/kg	ND	55.3	62.1	55.5	63.1	100	102	40-127	13	30	
Dibromomethane	ug/kg	ND	55.3	62.1	57.8	65.3	104	105	40-126	12	30	
Dichlorodifluoromethane	ug/kg	ND	55.3	62.1	19.3	20.5	35	33	40-156	6	30	M1
Ethylbenzene	ug/kg	ND	55.3	62.1	40.2	44.6	73	72	40-134	10	30	
Hexachloro-1,3-butadiene	ug/kg	ND	55.3	62.1	15.6	19.0	28	31	40-144	20	30	M1
Isopropylbenzene (Cumene)	ug/kg	ND	55.3	62.1	35.9	40.4	65	65	40-129	12	30	
m&p-Xylene	ug/kg		111	124	80.7	90.8	72	72	40-128	12	30	
Methyl-tert-butyl ether	ug/kg	ND	55.3	62.1	63.7	73.6	115	119	40-149	14	30	
Methylene chloride	ug/kg	ND	55.3	62.1	58.7	65.4	87	88	40-136	11	30	
n-Butylbenzene	ug/kg	ND	55.3	62.1	26.3	29.7	48	48	40-133	12	30	
n-Propylbenzene	ug/kg	ND	55.3	62.1	35.7	39.0	64	63	40-139	9	30	
Naphthalene	ug/kg	ND	55.3	62.1	44.9	56.0	77	87	40-134	22	30	
o-Xylene	ug/kg		55.3	62.1	44.4	49.1	80	79	40-126	10	30	
p-Isopropyltoluene	ug/kg	ND	55.3	62.1	30.8	33.7	56	54	40-137	9	30	
sec-Butylbenzene	ug/kg	ND	55.3	62.1	28.6	32.0	52	52	40-138	11	30	
Styrene	ug/kg	ND	55.3	62.1	43.9	50.3	79	81	40-124	14	30	
tert-Amylmethyl ether	ug/kg	ND	55.3	62.1	44.3	53.6	80	86	40-149	19	30	
tert-Butylbenzene	ug/kg	ND	55.3	62.1	33.8	37.3	61	60	40-151	10	30	
Tetrachloroethene	ug/kg	ND	55.3	62.1	35.4	38.9	64	63	40-142	9	30	
Toluene	ug/kg	ND	55.3	62.1	43.6	48.1	78	77	40-134	10	30	
trans-1,2-Dichloroethene	ug/kg	ND	55.3	62.1	45.9	50.5	83	81	40-143	10	30	
trans-1,3-Dichloropropene	ug/kg	ND	55.3	62.1	50.5	56.4	91	91	40-134	11	30	
Trichloroethene	ug/kg	ND	55.3	62.1	40.4	45.0	73	72	40-138	11	30	
Trichlorofluoromethane	ug/kg	ND	55.3	62.1	25.8	27.9	47	45	40-160	8	30	
Vinyl chloride	ug/kg	ND	55.3	62.1	28.7	30.8	52	50	40-145	7	30	
Xylene (Total)	ug/kg	ND	166	186	125	140	75	75	40-129	11	30	
1,2-Dichloroethane-d4 (S)	%						107	108	67-136			
4-Bromofluorobenzene (S)	%						105	102	67-142			
Dibromofluoromethane (S)	%						104	106	72-129			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		81956		81957									
Parameter	Units	258827001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Toluene-d8 (S)	%						98	96	69-133				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: MSV/5129

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258739028, 258739029, 258739031, 258739033, 258739034, 258739035, 258739036, 258739038

METHOD BLANK: 81952

Matrix: Solid

Associated Lab Samples: 258739028, 258739029, 258739031, 258739033, 258739034, 258739035, 258739036, 258739038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1-Dichloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1-Dichloroethene	ug/kg	ND	3.0	08/15/11 14:58	
1,1-Dichloropropene	ug/kg	ND	3.0	08/15/11 14:58	
1,2,3-Trichlorobenzene	ug/kg	0.46J	3.0	08/15/11 14:58	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/15/11 14:58	
1,2,4-Trichlorobenzene	ug/kg	0.38J	3.0	08/15/11 14:58	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/15/11 14:58	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/15/11 14:58	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/15/11 14:58	
1,2-Dichloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/15/11 14:58	
1,2-Dichloropropane	ug/kg	ND	3.0	08/15/11 14:58	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/15/11 14:58	
1,3-Dichloropropane	ug/kg	ND	3.0	08/15/11 14:58	
1,4-Dichlorobenzene	ug/kg	0.28J	3.0	08/15/11 14:58	
2,2-Dichloropropane	ug/kg	ND	3.0	08/15/11 14:58	
2-Butanone (MEK)	ug/kg	ND	10.0	08/15/11 14:58	
2-Chlorotoluene	ug/kg	ND	3.0	08/15/11 14:58	
2-Hexanone	ug/kg	ND	10.0	08/15/11 14:58	
4-Chlorotoluene	ug/kg	ND	3.0	08/15/11 14:58	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/15/11 14:58	
Acetone	ug/kg	ND	10.0	08/15/11 14:58	
Benzene	ug/kg	ND	3.0	08/15/11 14:58	
Bromobenzene	ug/kg	ND	3.0	08/15/11 14:58	
Bromochloromethane	ug/kg	ND	3.0	08/15/11 14:58	
Bromodichloromethane	ug/kg	ND	3.0	08/15/11 14:58	
Bromoform	ug/kg	ND	3.0	08/15/11 14:58	
Bromomethane	ug/kg	ND	3.0	08/15/11 14:58	
Carbon disulfide	ug/kg	ND	3.0	08/15/11 14:58	
Carbon tetrachloride	ug/kg	ND	3.0	08/15/11 14:58	
Chlorobenzene	ug/kg	ND	3.0	08/15/11 14:58	
Chloroethane	ug/kg	ND	3.0	08/15/11 14:58	
Chloroform	ug/kg	0.41J	3.0	08/15/11 14:58	
Chloromethane	ug/kg	ND	3.0	08/15/11 14:58	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/15/11 14:58	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/15/11 14:58	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 109 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258739

METHOD BLANK: 81952

Matrix: Solid

Associated Lab Samples: 258739028, 258739029, 258739031, 258739033, 258739034, 258739035, 258739036, 258739038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/15/11 14:58	
Dibromomethane	ug/kg	ND	3.0	08/15/11 14:58	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/15/11 14:58	
Ethylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/15/11 14:58	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/15/11 14:58	
m&p-Xylene	ug/kg	ND	6.0	08/15/11 14:58	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/15/11 14:58	
Methylene chloride	ug/kg	3.3J	10.0	08/15/11 14:58	
n-Butylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
n-Propylbenzene	ug/kg	0.77J	3.0	08/15/11 14:58	
Naphthalene	ug/kg	0.94J	3.0	08/15/11 14:58	
o-Xylene	ug/kg	ND	3.0	08/15/11 14:58	
p-Isopropyltoluene	ug/kg	ND	3.0	08/15/11 14:58	
sec-Butylbenzene	ug/kg	0.64J	3.0	08/15/11 14:58	
Styrene	ug/kg	ND	3.0	08/15/11 14:58	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/15/11 14:58	
tert-Butylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
Tetrachloroethene	ug/kg	ND	3.0	08/15/11 14:58	
Toluene	ug/kg	ND	3.0	08/15/11 14:58	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/15/11 14:58	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/15/11 14:58	
Trichloroethene	ug/kg	ND	3.0	08/15/11 14:58	
Trichlorofluoromethane	ug/kg	ND	3.0	08/15/11 14:58	
Vinyl chloride	ug/kg	ND	3.0	08/15/11 14:58	
Xylene (Total)	ug/kg	ND	9.0	08/15/11 14:58	
1,2-Dichloroethane-d4 (S)	%	95	67-136	08/15/11 14:58	
4-Bromofluorobenzene (S)	%	102	67-142	08/15/11 14:58	
Dibromofluoromethane (S)	%	91	72-129	08/15/11 14:58	
Toluene-d8 (S)	%	98	69-133	08/15/11 14:58	

LABORATORY CONTROL SAMPLE & LCSD: 81953

81954

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	53.4	53.3	107	107	68-127	.1	15	
1,1,1-Trichloroethane	ug/kg	50	62.4	56.2	125	112	69-139	10	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	52.8	47.6	106	95	63-137	10	15	
1,1,2-Trichloroethane	ug/kg	50	49.0	47.6	98	95	65-131	3	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	72.6	63.3	145	127	64-153	14	27	
1,1-Dichloroethane	ug/kg	50	59.2	55.2	118	110	69-133	7	23	
1,1-Dichloroethene	ug/kg	50	83.9	70.0	168	140	68-157	18	28 L0	
1,1-Dichloropropene	ug/kg	50	53.8	50.9	108	102	68-140	5	21	
1,2,3-Trichlorobenzene	ug/kg	50	48.8	48.0	98	96	69-132	2	15	
1,2,3-Trichloropropane	ug/kg	50	48.8	47.4	98	95	71-124	3	15	
1,2,4-Trichlorobenzene	ug/kg	50	50.0	49.5	100	99	68-137	1	15	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 110 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

LABORATORY CONTROL SAMPLE & LCSD:		81953	81954									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
1,2,4-Trimethylbenzene	ug/kg	50	48.3	46.7	97	93	74-124	3	18			
1,2-Dibromo-3-chloropropane	ug/kg	50	50.9	49.3	102	99	52-133	3	22			
1,2-Dibromoethane (EDB)	ug/kg	50	52.3	49.2	105	98	66-129	6	15			
1,2-Dichlorobenzene	ug/kg	50	48.5	46.8	97	94	78-122	3	15			
1,2-Dichloroethane	ug/kg	50	52.9	52.2	106	104	67-131	1	15			
1,2-Dichloroethene (Total)	ug/kg	100	124	116	124	116	73-143	7	20			
1,2-Dichloropropane	ug/kg	50	55.3	53.6	111	107	67-133	3	15			
1,3,5-Trimethylbenzene	ug/kg	50	51.3	49.2	103	98	78-124	4	15			
1,3-Dichlorobenzene	ug/kg	50	49.9	48.7	100	97	79-122	3	15			
1,3-Dichloropropane	ug/kg	50	49.0	47.7	98	95	62-131	3	15			
1,4-Dichlorobenzene	ug/kg	50	49.6	47.7	99	95	77-119	4	15			
2,2-Dichloropropane	ug/kg	50	65.8	59.0	132	118	66-143	11	20			
2-Butanone (MEK)	ug/kg	100	117	107	117	107	44-160	9	27			
2-Chlorotoluene	ug/kg	50	47.3	45.5	95	91	75-123	4	15			
2-Hexanone	ug/kg	100	110	99.7	110	100	40-160	10	21			
4-Chlorotoluene	ug/kg	50	52.3	50.0	105	100	78-127	4	15			
4-Methyl-2-pentanone (MIBK)	ug/kg	100	110	103	110	103	46-156	6	17			
Acetone	ug/kg	100	150	119	150	119	40-160	23	30			
Benzene	ug/kg	50	51.7	50.4	103	101	69-133	3	15			
Bromobenzene	ug/kg	50	50.1	48.4	100	97	81-122	3	15			
Bromochloromethane	ug/kg	50	57.8	54.2	116	108	77-132	6	16			
Bromodichloromethane	ug/kg	50	51.7	51.2	103	102	75-132	1	15			
Bromoform	ug/kg	50	53.4	50.0	107	100	58-128	7	15			
Bromomethane	ug/kg	50	63.1	58.5	126	117	46-160	8	24			
Carbon disulfide	ug/kg	50	76.3	69.8	153	140	56-143	9	24 LO			
Carbon tetrachloride	ug/kg	50	65.8	58.5	132	117	65-146	12	24			
Chlorobenzene	ug/kg	50	49.6	49.0	99	98	76-123	1	15			
Chloroethane	ug/kg	50	65.9	59.1	132	118	51-146	11	24			
Chloroform	ug/kg	50	54.9	52.5	110	105	73-132	4	17			
Chloromethane	ug/kg	50	54.3	52.3	109	105	40-142	4	23			
cis-1,2-Dichloroethene	ug/kg	50	58.5	54.9	117	110	75-142	6	20			
cis-1,3-Dichloropropene	ug/kg	50	52.5	52.6	105	105	62-150	.2	15			
Dibromochloromethane	ug/kg	50	54.3	52.6	109	105	70-126	3	15			
Dibromomethane	ug/kg	50	52.7	52.0	105	104	75-132	1	15			
Dichlorodifluoromethane	ug/kg	50	52.2	49.9	104	100	40-160	5	24			
Ethylbenzene	ug/kg	50	50.7	49.6	101	99	68-126	2	15			
Hexachloro-1,3-butadiene	ug/kg	50	50.7	49.1	101	98	65-144	3	24			
Isopropylbenzene (Cumene)	ug/kg	50	49.5	48.0	99	96	73-120	3	15			
m&p-Xylene	ug/kg	100	93.5	91.0	94	91	66-128	3	15			
Methyl-tert-butyl ether	ug/kg	50	60.0	56.1	120	112	67-134	7	21			
Methylene chloride	ug/kg	50	65.4	61.7	131	123	59-149	6	20			
n-Butylbenzene	ug/kg	50	51.3	49.0	103	98	72-125	5	17			
n-Propylbenzene	ug/kg	50	50.8	48.4	102	97	73-131	5	18			
Naphthalene	ug/kg	50	48.3	47.4	97	95	54-147	2	23			
o-Xylene	ug/kg	50	49.0	48.5	98	97	70-125	1	16			
p-Isopropyltoluene	ug/kg	50	52.0	48.4	104	97	76-127	7	17			
sec-Butylbenzene	ug/kg	50	50.8	47.7	102	95	75-134	6	20			
Styrene	ug/kg	50	51.0	49.7	102	99	72-124	3	19			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

LABORATORY CONTROL SAMPLE & LCSD:		81953	81954							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
tert-Amylmethyl ether	ug/kg	50	55.9	52.5	112	105	59-145	6	17	
tert-Butylbenzene	ug/kg	50	51.5	47.3	103	95	74-130	8	21	
Tetrachloroethene	ug/kg	50	53.8	50.6	108	101	57-131	6	22	
Toluene	ug/kg	50	50.3	48.0	101	96	68-130	5	17	
trans-1,2-Dichloroethene	ug/kg	50	65.9	60.8	132	122	71-146	8	21	
trans-1,3-Dichloropropene	ug/kg	50	50.7	50.9	101	102	61-128	.3	15	
Trichloroethene	ug/kg	50	53.3	50.9	107	102	71-138	5	18	
Trichlorofluoromethane	ug/kg	50	62.6	55.6	125	111	50-160	12	25	
Vinyl chloride	ug/kg	50	58.6	54.6	117	109	48-141	7	29	
Xylene (Total)	ug/kg	150	143	140	95	93	68-126	2	15	
1,2-Dichloroethane-d4 (S)	%				100	97	67-136			
4-Bromofluorobenzene (S)	%				102	97	67-142			
Dibromofluoromethane (S)	%				104	100	72-129			
Toluene-d8 (S)	%				97	98	69-133			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: MSV/5134

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258739018, 258739030, 258739032, 258739037

METHOD BLANK: 82049

Matrix: Solid

Associated Lab Samples: 258739018, 258739030, 258739032, 258739037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1-Dichloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1-Dichloroethene	ug/kg	ND	3.0	08/16/11 14:46	
1,1-Dichloropropene	ug/kg	ND	3.0	08/16/11 14:46	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/16/11 14:46	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/16/11 14:46	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/16/11 14:46	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,2-Dichloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/16/11 14:46	
1,2-Dichloropropane	ug/kg	ND	3.0	08/16/11 14:46	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,3-Dichloropropane	ug/kg	ND	3.0	08/16/11 14:46	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
2,2-Dichloropropane	ug/kg	ND	3.0	08/16/11 14:46	
2-Butanone (MEK)	ug/kg	ND	10.0	08/16/11 14:46	
2-Chlorotoluene	ug/kg	ND	3.0	08/16/11 14:46	
2-Hexanone	ug/kg	ND	10.0	08/16/11 14:46	
4-Chlorotoluene	ug/kg	ND	3.0	08/16/11 14:46	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/16/11 14:46	
Acetone	ug/kg	3.5J	10.0	08/16/11 14:46	
Benzene	ug/kg	ND	3.0	08/16/11 14:46	
Bromobenzene	ug/kg	ND	3.0	08/16/11 14:46	
Bromochloromethane	ug/kg	ND	3.0	08/16/11 14:46	
Bromodichloromethane	ug/kg	ND	3.0	08/16/11 14:46	
Bromoform	ug/kg	ND	3.0	08/16/11 14:46	
Bromomethane	ug/kg	ND	3.0	08/16/11 14:46	
Carbon disulfide	ug/kg	ND	3.0	08/16/11 14:46	
Carbon tetrachloride	ug/kg	ND	3.0	08/16/11 14:46	
Chlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
Chloroethane	ug/kg	ND	3.0	08/16/11 14:46	
Chloroform	ug/kg	ND	3.0	08/16/11 14:46	
Chloromethane	ug/kg	ND	3.0	08/16/11 14:46	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/16/11 14:46	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/16/11 14:46	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 113 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

METHOD BLANK: 82049

Matrix: Solid

Associated Lab Samples: 258739018, 258739030, 258739032, 258739037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/16/11 14:46	
Dibromomethane	ug/kg	ND	3.0	08/16/11 14:46	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/16/11 14:46	
Ethylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/16/11 14:46	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/16/11 14:46	
m&p-Xylene	ug/kg	ND	6.0	08/16/11 14:46	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/16/11 14:46	
Methylene chloride	ug/kg	10.0	10.0	08/16/11 14:46	
n-Butylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
n-Propylbenzene	ug/kg	0.73J	3.0	08/16/11 14:46	
Naphthalene	ug/kg	ND	3.0	08/16/11 14:46	
o-Xylene	ug/kg	ND	3.0	08/16/11 14:46	
p-Isopropyltoluene	ug/kg	0.45J	3.0	08/16/11 14:46	
sec-Butylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
Styrene	ug/kg	ND	3.0	08/16/11 14:46	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/16/11 14:46	
tert-Butylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
Tetrachloroethene	ug/kg	ND	3.0	08/16/11 14:46	
Toluene	ug/kg	ND	3.0	08/16/11 14:46	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/16/11 14:46	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/16/11 14:46	
Trichloroethene	ug/kg	ND	3.0	08/16/11 14:46	
Trichlorofluoromethane	ug/kg	ND	3.0	08/16/11 14:46	
Vinyl chloride	ug/kg	ND	3.0	08/16/11 14:46	
Xylene (Total)	ug/kg	ND	9.0	08/16/11 14:46	
1,2-Dichloroethane-d4 (S)	%	90	67-136	08/16/11 14:46	
4-Bromofluorobenzene (S)	%	106	67-142	08/16/11 14:46	
Dibromofluoromethane (S)	%	96	72-129	08/16/11 14:46	
Toluene-d8 (S)	%	100	69-133	08/16/11 14:46	

LABORATORY CONTROL SAMPLE: 82050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	54.1	108	68-127	
1,1,1-Trichloroethane	ug/kg	50	64.7	129	69-139	
1,1,2,2-Tetrachloroethane	ug/kg	50	53.5	107	63-137	
1,1,2-Trichloroethane	ug/kg	50	54.1	108	65-131	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	70.7	141	64-153	
1,1-Dichloroethane	ug/kg	50	62.0	124	69-133	
1,1-Dichloroethene	ug/kg	50	80.1	160	68-157	LO
1,1-Dichloropropene	ug/kg	50	58.6	117	68-140	
1,2,3-Trichlorobenzene	ug/kg	50	45.9	92	69-132	
1,2,3-Trichloropropane	ug/kg	50	51.9	104	71-124	
1,2,4-Trichlorobenzene	ug/kg	50	48.0	96	68-137	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 114 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

LABORATORY CONTROL SAMPLE: 82050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	49.9	100	74-124	
1,2-Dibromo-3-chloropropane	ug/kg	50	47.8	96	52-133	
1,2-Dibromoethane (EDB)	ug/kg	50	58.7	117	66-129	
1,2-Dichlorobenzene	ug/kg	50	50.3	101	78-122	
1,2-Dichloroethane	ug/kg	50	54.1	108	67-131	
1,2-Dichloroethene (Total)	ug/kg	100	137	137	73-143	
1,2-Dichloropropane	ug/kg	50	58.8	118	67-133	
1,3,5-Trimethylbenzene	ug/kg	50	53.0	106	78-124	
1,3-Dichlorobenzene	ug/kg	50	52.0	104	79-122	
1,3-Dichloropropane	ug/kg	50	53.7	107	62-131	
1,4-Dichlorobenzene	ug/kg	50	50.6	101	77-119	
2,2-Dichloropropane	ug/kg	50	67.3	135	66-143	
2-Butanone (MEK)	ug/kg	100	161	161	44-160	L0
2-Chlorotoluene	ug/kg	50	48.8	98	75-123	
2-Hexanone	ug/kg	100	137	137	40-160	
4-Chlorotoluene	ug/kg	50	53.9	108	78-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	131	131	46-156	
Acetone	ug/kg	100	183	183	40-160	L0
Benzene	ug/kg	50	56.8	114	69-133	
Bromobenzene	ug/kg	50	51.4	103	81-122	
Bromochloromethane	ug/kg	50	63.1	126	77-132	
Bromodichloromethane	ug/kg	50	54.5	109	75-132	
Bromoform	ug/kg	50	50.1	100	58-128	
Bromomethane	ug/kg	50	56.8	114	46-160	
Carbon disulfide	ug/kg	50	84.9	170	56-143	L0
Carbon tetrachloride	ug/kg	50	66.0	132	65-146	
Chlorobenzene	ug/kg	50	54.8	110	76-123	
Chloroethane	ug/kg	50	65.4	131	51-146	
Chloroform	ug/kg	50	57.9	116	73-132	
Chloromethane	ug/kg	50	45.7	91	40-142	
cis-1,2-Dichloroethene	ug/kg	50	65.0	130	75-142	
cis-1,3-Dichloropropene	ug/kg	50	56.1	112	62-150	
Dibromochloromethane	ug/kg	50	57.0	114	70-126	
Dibromomethane	ug/kg	50	60.4	121	75-132	
Dichlorodifluoromethane	ug/kg	50	32.9	66	40-160	
Ethylbenzene	ug/kg	50	55.2	110	68-126	
Hexachloro-1,3-butadiene	ug/kg	50	47.6	95	65-144	
Isopropylbenzene (Cumene)	ug/kg	50	51.6	103	73-120	
m&p-Xylene	ug/kg	100	103	103	66-128	
Methyl-tert-butyl ether	ug/kg	50	65.9	132	67-134	
Methylene chloride	ug/kg	50	79.9	160	59-149	L0
n-Butylbenzene	ug/kg	50	51.7	103	72-125	
n-Propylbenzene	ug/kg	50	53.3	107	73-131	
Naphthalene	ug/kg	50	46.7	93	54-147	
o-Xylene	ug/kg	50	54.0	108	70-125	
p-Isopropyltoluene	ug/kg	50	53.2	106	76-127	
sec-Butylbenzene	ug/kg	50	52.6	105	75-134	
Styrene	ug/kg	50	55.4	111	72-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

LABORATORY CONTROL SAMPLE: 82050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amylmethyl ether	ug/kg	50	60.3	121	59-145	
tert-Butylbenzene	ug/kg	50	50.9	102	74-130	
Tetrachloroethene	ug/kg	50	59.3	119	57-131	
Toluene	ug/kg	50	53.6	107	68-130	
trans-1,2-Dichloroethene	ug/kg	50	72.3	145	71-146	
trans-1,3-Dichloropropene	ug/kg	50	56.0	112	61-128	
Trichloroethene	ug/kg	50	57.0	114	71-138	
Trichlorofluoromethane	ug/kg	50	58.9	118	50-160	
Vinyl chloride	ug/kg	50	53.8	108	48-141	
Xylene (Total)	ug/kg	150	157	105	68-126	
1,2-Dichloroethane-d4 (S)	%			95	67-136	
4-Bromofluorobenzene (S)	%			95	67-142	
Dibromofluoromethane (S)	%			105	72-129	
Toluene-d8 (S)	%			96	69-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82274

82275

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual	
		258881001 Result	Spike Conc.	Spike Conc.	MS Result				MSD Result	RPD		RPD
1,1,1,2-Tetrachloroethane	ug/kg	ND	49	48	53.7	47.4	109	99	40-133	12	30	
1,1,1-Trichloroethane	ug/kg	ND	49	48	54.3	52.5	111	109	40-148	3	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	49	48	58.3	49.3	119	103	40-141	17	30	
1,1,2-Trichloroethane	ug/kg	ND	49	48	49.0	45.3	100	94	40-136	8	30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	49	48	73.1	54.4	149	113	40-153	29	30	
1,1-Dichloroethane	ug/kg	ND	49	48	54.1	51.8	110	108	40-132	4	30	
1,1-Dichloroethene	ug/kg	ND	49	48	81.0	61.7	165	129	40-155	27	30	M0
1,1-Dichloropropene	ug/kg	ND	49	48	48.6	44.4	99	93	40-130	9	30	
1,2,3-Trichlorobenzene	ug/kg	ND	49	48	37.4	27.2	76	57	40-130	32	30	D6
1,2,3-Trichloropropane	ug/kg	ND	49	48	51.1	44.6	104	93	40-158	14	30	
1,2,4-Trichlorobenzene	ug/kg	ND	49	48	37.5	26.9	77	56	40-134	33	30	D6
1,2,4-Trimethylbenzene	ug/kg	ND	49	48	54.9	50.2	112	105	40-133	9	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	49	48	48.6	38.2	99	80	40-127	24	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	49	48	46.7	44.3	95	92	40-138	5	30	
1,2-Dichlorobenzene	ug/kg	ND	49	48	49.3	42.2	101	88	40-136	16	30	
1,2-Dichloroethane	ug/kg	ND	49	48	46.1	44.0	94	92	40-133	5	30	
1,2-Dichloroethene (Total)	ug/kg	ND	98	96	113	104	115	109	40-141	8	30	
1,2-Dichloropropane	ug/kg	ND	49	48	54.5	50.8	111	106	40-131	7	30	
1,3,5-Trimethylbenzene	ug/kg	ND	49	48	61.6	53.6	125	111	40-139	14	30	
1,3-Dichlorobenzene	ug/kg	ND	49	48	49.4	41.3	101	86	40-136	18	30	
1,3-Dichloropropane	ug/kg	ND	49	48	46.7	43.3	95	90	40-132	8	30	
1,4-Dichlorobenzene	ug/kg	ND	49	48	47.0	38.1	96	79	40-134	21	30	
2,2-Dichloropropane	ug/kg	ND	49	48	58.1	55.1	119	115	40-153	5	30	
2-Butanone (MEK)	ug/kg	ND	98	96	102	96.7	104	101	40-147	5	30	
2-Chlorotoluene	ug/kg	ND	49	48	52.9	47.5	108	99	40-136	11	30	
2-Hexanone	ug/kg	ND	98	96	95.6	86.9	98	91	40-151	10	30	
4-Chlorotoluene	ug/kg	ND	49	48	54.9	46.0	112	96	40-139	18	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	98	96	98.4	97.0	100	101	40-147	1	30	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 116 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82274 82275												
Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		258881001 Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Acetone	ug/kg	26.1	98	96	143	110	119	88	40-160	26	30	
Benzene	ug/kg	ND	49	48	51.4	49.0	105	102	40-129	5	30	
Bromobenzene	ug/kg	ND	49	48	51.6	44.0	105	92	40-142	16	30	
Bromochloromethane	ug/kg	ND	49	48	52.0	48.1	106	100	40-131	8	30	
Bromodichloromethane	ug/kg	ND	49	48	47.7	45.8	97	95	40-132	4	30	
Bromoform	ug/kg	ND	49	48	43.5	38.3	89	80	40-123	13	30	
Bromomethane	ug/kg	ND	49	48	55.3	48.9	113	102	40-160	12	30	
Carbon disulfide	ug/kg	ND	49	48	66.9	63.0	137	131	40-147	6	30	
Carbon tetrachloride	ug/kg	ND	49	48	54.5	51.8	111	108	40-139	5	30	
Chlorobenzene	ug/kg	ND	49	48	48.7	44.7	99	93	40-128	9	30	
Chloroethane	ug/kg	ND	49	48	55.8	50.8	114	106	40-160	9	30	
Chloroform	ug/kg	ND	49	48	51.1	48.7	104	101	40-142	5	30	
Chloromethane	ug/kg	ND	49	48	42.2	38.7	86	81	40-150	9	30	
cis-1,2-Dichloroethene	ug/kg	ND	49	48	54.5	50.6	111	105	40-138	7	30	
cis-1,3-Dichloropropene	ug/kg	ND	49	48	46.1	41.7	94	87	40-130	10	30	
Dibromochloromethane	ug/kg	ND	49	48	49.6	44.6	101	93	40-127	11	30	
Dibromomethane	ug/kg	ND	49	48	44.7	43.1	91	90	40-126	4	30	
Dichlorodifluoromethane	ug/kg	ND	49	48	27.3	25.4	56	53	40-156	7	30	
Ethylbenzene	ug/kg	ND	49	48	52.1	47.9	106	100	40-134	8	30	
Hexachloro-1,3-butadiene	ug/kg	ND	49	48	47.2	37.6	96	78	40-144	23	30	
Isopropylbenzene (Cumene)	ug/kg	ND	49	48	50.2	45.8	102	95	40-129	9	30	
m&p-Xylene	ug/kg	ND	98	96	97.0	90.5	99	94	40-128	7	30	
Methyl-tert-butyl ether	ug/kg	ND	49	48	55.0	51.5	112	107	40-149	7	30	
Methylene chloride	ug/kg	10.1	49	48	71.1	70.0	124	125	40-136	2	30	
n-Butylbenzene	ug/kg	ND	49	48	51.0	43.0	104	90	40-133	17	30	
n-Propylbenzene	ug/kg	ND	49	48	58.1	51.8	118	108	40-139	11	30	
Naphthalene	ug/kg	ND	49	48	42.5	33.8	86	70	40-134	23	30	
o-Xylene	ug/kg	ND	49	48	51.4	48.2	105	100	40-126	6	30	
p-Isopropyltoluene	ug/kg	ND	49	48	58.8	50.5	120	105	40-137	15	30	
sec-Butylbenzene	ug/kg	ND	49	48	59.6	51.7	122	108	40-138	14	30	
Styrene	ug/kg	ND	49	48	50.4	45.7	103	95	40-124	10	30	
tert-Amylmethyl ether	ug/kg	ND	49	48	52.6	48.5	107	101	40-149	8	30	
tert-Butylbenzene	ug/kg	ND	49	48	59.3	53.1	121	111	40-151	11	30	
Tetrachloroethene	ug/kg	ND	49	48	50.4	47.7	103	99	40-142	6	30	
Toluene	ug/kg	ND	49	48	52.2	48.0	106	100	40-134	8	30	
trans-1,2-Dichloroethene	ug/kg	ND	49	48	58.2	53.8	119	112	40-143	8	30	
trans-1,3-Dichloropropene	ug/kg	ND	49	48	42.9	39.0	88	81	40-134	9	30	
Trichloroethene	ug/kg	ND	49	48	48.8	45.3	100	94	40-138	7	30	
Trichlorofluoromethane	ug/kg	ND	49	48	48.2	43.8	98	91	40-160	9	30	
Vinyl chloride	ug/kg	ND	49	48	46.6	42.0	95	87	40-145	10	30	
Xylene (Total)	ug/kg	ND	147	144	148	139	101	96	40-129	7	30	
1,2-Dichloroethane-d4 (S)	%						88	91	67-136			
4-Bromofluorobenzene (S)	%						109	107	67-142			
Dibromofluoromethane (S)	%						99	101	72-129			
Toluene-d8 (S)	%						104	103	69-133			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258739

QC Batch: MSV/5163 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258739006, 258739007

METHOD BLANK: 82463 Matrix: Solid
Associated Lab Samples: 258739006, 258739007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1-Dichloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1-Dichloroethene	ug/kg	ND	3.0	08/18/11 16:18	
1,1-Dichloropropene	ug/kg	ND	3.0	08/18/11 16:18	
1,2,3-Trichlorobenzene	ug/kg	0.67J	3.0	08/18/11 16:18	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/18/11 16:18	
1,2,4-Trichlorobenzene	ug/kg	0.45J	3.0	08/18/11 16:18	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/18/11 16:18	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/18/11 16:18	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/18/11 16:18	
1,2-Dichloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/18/11 16:18	
1,2-Dichloropropane	ug/kg	ND	3.0	08/18/11 16:18	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/18/11 16:18	
1,3-Dichloropropane	ug/kg	ND	3.0	08/18/11 16:18	
1,4-Dichlorobenzene	ug/kg	0.26J	3.0	08/18/11 16:18	
2,2-Dichloropropane	ug/kg	ND	3.0	08/18/11 16:18	
2-Butanone (MEK)	ug/kg	ND	10.0	08/18/11 16:18	
2-Chlorotoluene	ug/kg	ND	3.0	08/18/11 16:18	
2-Hexanone	ug/kg	ND	10.0	08/18/11 16:18	
4-Chlorotoluene	ug/kg	ND	3.0	08/18/11 16:18	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/18/11 16:18	
Acetone	ug/kg	3.0J	10.0	08/18/11 16:18	
Benzene	ug/kg	ND	3.0	08/18/11 16:18	
Bromobenzene	ug/kg	ND	3.0	08/18/11 16:18	
Bromochloromethane	ug/kg	ND	3.0	08/18/11 16:18	
Bromodichloromethane	ug/kg	ND	3.0	08/18/11 16:18	
Bromoform	ug/kg	ND	3.0	08/18/11 16:18	
Bromomethane	ug/kg	ND	3.0	08/18/11 16:18	
Carbon disulfide	ug/kg	ND	3.0	08/18/11 16:18	
Carbon tetrachloride	ug/kg	ND	3.0	08/18/11 16:18	
Chlorobenzene	ug/kg	ND	3.0	08/18/11 16:18	
Chloroethane	ug/kg	ND	3.0	08/18/11 16:18	
Chloroform	ug/kg	ND	3.0	08/18/11 16:18	
Chloromethane	ug/kg	ND	3.0	08/18/11 16:18	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/18/11 16:18	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/18/11 16:18	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 118 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

METHOD BLANK: 82463

Matrix: Solid

Associated Lab Samples: 258739006, 258739007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/18/11 16:18	
Dibromomethane	ug/kg	ND	3.0	08/18/11 16:18	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/18/11 16:18	
Ethylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/18/11 16:18	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/18/11 16:18	
m&p-Xylene	ug/kg	ND	6.0	08/18/11 16:18	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/18/11 16:18	
Methylene chloride	ug/kg	2.7J	10.0	08/18/11 16:18	
n-Butylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
n-Propylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
Naphthalene	ug/kg	1.0J	3.0	08/18/11 16:18	
o-Xylene	ug/kg	ND	3.0	08/18/11 16:18	
p-Isopropyltoluene	ug/kg	ND	3.0	08/18/11 16:18	
sec-Butylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
Styrene	ug/kg	ND	3.0	08/18/11 16:18	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/18/11 16:18	
tert-Butylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
Tetrachloroethene	ug/kg	ND	3.0	08/18/11 16:18	
Toluene	ug/kg	ND	3.0	08/18/11 16:18	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/18/11 16:18	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/18/11 16:18	
Trichloroethene	ug/kg	ND	3.0	08/18/11 16:18	
Trichlorofluoromethane	ug/kg	ND	3.0	08/18/11 16:18	
Vinyl chloride	ug/kg	ND	3.0	08/18/11 16:18	
Xylene (Total)	ug/kg	ND	9.0	08/18/11 16:18	
1,2-Dichloroethane-d4 (S)	%	98	67-136	08/18/11 16:18	
4-Bromofluorobenzene (S)	%	103	67-142	08/18/11 16:18	
Dibromofluoromethane (S)	%	100	72-129	08/18/11 16:18	
Toluene-d8 (S)	%	99	69-133	08/18/11 16:18	

LABORATORY CONTROL SAMPLE & LCSD: 82464

82525

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.3	51.4	105	103	68-127	2	15	
1,1,1-Trichloroethane	ug/kg	50	56.1	53.7	112	107	69-139	4	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	55.0	50.1	110	100	63-137	9	15	
1,1,2-Trichloroethane	ug/kg	50	50.9	47.0	102	94	65-131	8	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	51.9	53.1	104	106	64-153	2	27	
1,1-Dichloroethane	ug/kg	50	52.0	49.9	104	100	69-133	4	23	
1,1-Dichloroethene	ug/kg	50	57.5	60.8	115	122	68-157	5	28	
1,1-Dichloropropene	ug/kg	50	56.0	50.9	112	102	68-140	9	21	
1,2,3-Trichlorobenzene	ug/kg	50	52.0	54.3	104	109	69-132	4	15	
1,2,3-Trichloropropane	ug/kg	50	51.1	48.1	102	96	71-124	6	15	
1,2,4-Trichlorobenzene	ug/kg	50	53.9	53.9	108	108	68-137	.07	15	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 119 of 135

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

LABORATORY CONTROL SAMPLE & LCSD: 82464		82525								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	53.7	51.5	107	103	74-124	4	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	54.2	54.9	108	110	52-133	1	22	
1,2-Dibromoethane (EDB)	ug/kg	50	50.4	47.4	101	95	66-129	6	15	
1,2-Dichlorobenzene	ug/kg	50	51.5	50.7	103	101	78-122	2	15	
1,2-Dichloroethane	ug/kg	50	50.7	47.0	101	94	67-131	8	15	
1,2-Dichloroethene (Total)	ug/kg	100	107	103	107	103	73-143	4	20	
1,2-Dichloropropane	ug/kg	50	53.3	50.5	107	101	67-133	5	15	
1,3,5-Trimethylbenzene	ug/kg	50	54.4	52.1	109	104	78-124	4	15	
1,3-Dichlorobenzene	ug/kg	50	53.0	50.2	106	100	79-122	5	15	
1,3-Dichloropropane	ug/kg	50	51.3	48.3	103	97	62-131	6	15	
1,4-Dichlorobenzene	ug/kg	50	51.9	50.2	104	100	77-119	3	15	
2,2-Dichloropropane	ug/kg	50	56.3	54.4	113	109	66-143	3	20	
2-Butanone (MEK)	ug/kg	100	118	94.1	118	94	44-160	23	27	
2-Chlorotoluene	ug/kg	50	51.8	48.9	104	98	75-123	6	15	
2-Hexanone	ug/kg	100	133	105	133	105	40-160	23	21	D6
4-Chlorotoluene	ug/kg	50	54.4	52.3	109	105	78-127	4	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	116	98.7	116	99	46-156	16	17	
Acetone	ug/kg	100	141	109	141	109	40-160	26	30	
Benzene	ug/kg	50	51.2	49.1	102	98	69-133	4	15	
Bromobenzene	ug/kg	50	51.6	48.4	103	97	81-122	6	15	
Bromochloromethane	ug/kg	50	51.1	48.6	102	97	77-132	5	16	
Bromodichloromethane	ug/kg	50	52.3	49.0	105	98	75-132	7	15	
Bromoform	ug/kg	50	57.3	54.7	115	109	58-128	5	15	
Bromomethane	ug/kg	50	59.0	58.6	118	117	46-160	.8	24	
Carbon disulfide	ug/kg	50	57.2	53.4	114	107	56-143	7	24	
Carbon tetrachloride	ug/kg	50	59.2	56.8	118	114	65-146	4	24	
Chlorobenzene	ug/kg	50	51.0	49.4	102	99	76-123	3	15	
Chloroethane	ug/kg	50	59.3	58.8	119	118	51-146	.9	24	
Chloroform	ug/kg	50	50.7	48.8	101	98	73-132	4	17	
Chloromethane	ug/kg	50	62.2	59.2	124	118	40-142	5	23	
cis-1,2-Dichloroethene	ug/kg	50	52.8	50.1	106	100	75-142	5	20	
cis-1,3-Dichloropropene	ug/kg	50	54.5	51.5	109	103	62-150	6	15	
Dibromochloromethane	ug/kg	50	52.3	50.5	105	101	70-126	4	15	
Dibromomethane	ug/kg	50	54.9	48.1	110	96	75-132	13	15	
Dichlorodifluoromethane	ug/kg	50	83.6	75.8	167	152	40-160	10	24	L3
Ethylbenzene	ug/kg	50	50.8	49.8	102	100	68-126	2	15	
Hexachloro-1,3-butadiene	ug/kg	50	56.4	55.6	113	111	65-144	2	24	
Isopropylbenzene (Cumene)	ug/kg	50	53.1	51.9	106	104	73-120	2	15	
m&p-Xylene	ug/kg	100	103	101	103	101	66-128	3	15	
Methyl-tert-butyl ether	ug/kg	50	51.5	49.2	103	98	67-134	5	21	
Methylene chloride	ug/kg	50	49.2	48.8	98	98	59-149	.9	20	
n-Butylbenzene	ug/kg	50	56.5	53.5	113	107	72-125	5	17	
n-Propylbenzene	ug/kg	50	50.8	47.3	102	95	73-131	7	18	
Naphthalene	ug/kg	50	51.8	52.3	104	105	54-147	.9	23	
o-Xylene	ug/kg	50	51.0	51.5	102	103	70-125	.9	16	
p-Isopropyltoluene	ug/kg	50	55.7	52.8	111	106	76-127	5	17	
sec-Butylbenzene	ug/kg	50	52.5	49.6	105	99	75-134	6	20	
Styrene	ug/kg	50	52.3	51.6	105	103	72-124	1	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

LABORATORY CONTROL SAMPLE & LCSD: 82464		82525								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
tert-Amylmethyl ether	ug/kg	50	51.9	49.8	104	100	59-145	4	17	
tert-Butylbenzene	ug/kg	50	56.0	53.0	112	106	74-130	5	21	
Tetrachloroethene	ug/kg	50	58.0	54.7	116	109	57-131	6	22	
Toluene	ug/kg	50	51.9	49.4	104	99	68-130	5	17	
trans-1,2-Dichloroethene	ug/kg	50	54.6	52.7	109	105	71-146	3	21	
trans-1,3-Dichloropropene	ug/kg	50	52.5	51.0	105	102	61-128	3	15	
Trichloroethene	ug/kg	50	53.8	48.8	108	98	71-138	10	18	
Trichlorofluoromethane	ug/kg	50	58.5	56.1	117	112	50-160	4	25	
Vinyl chloride	ug/kg	50	63.5	60.8	127	122	48-141	4	29	
Xylene (Total)	ug/kg	150	154	152	103	101	68-126	2	15	
1,2-Dichloroethane-d4 (S)	%				102	98	67-136			
4-Bromofluorobenzene (S)	%				103	99	67-142			
Dibromofluoromethane (S)	%				100	100	72-129			
Toluene-d8 (S)	%				100	101	69-133			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: MSV/5160

Analysis Method: NWTPH-Gx

QC Batch Method: NWTPH-Gx

Analysis Description: NWTPH-Gx Solid MSV

Associated Lab Samples: 258739028

METHOD BLANK: 82398

Matrix: Solid

Associated Lab Samples: 258739028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	1.8J	5.0	08/16/11 14:46	
4-Bromofluorobenzene (S)	%	106	50-150	08/16/11 14:46	

LABORATORY CONTROL SAMPLE & LCSD: 82399

82521

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	25	29.1	30.3	116	121	50-147	4	30	
4-Bromofluorobenzene (S)	%				99	98	50-150			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: OEXT/4185 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 258739001, 258739002, 258739004, 258739005

METHOD BLANK: 81316 Matrix: Solid

Associated Lab Samples: 258739001, 258739002, 258739004, 258739005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/14/11 18:57	
2,4,6-Tribromophenol (S)	%	64	26-135	08/14/11 18:57	

LABORATORY CONTROL SAMPLE: 81317

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	683	51	20-89	
2,4,6-Tribromophenol (S)	%			79	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81318 81319

Parameter	Units	258703021 Result	MS		MSD		% Rec		% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Pentachlorophenol	ug/kg	ND	2430	1380	1040	56	42	10-143	28	28		
2,4,6-Tribromophenol (S)	%					68	60	26-135				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: OEXT/4189 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
 Associated Lab Samples: 258739006, 258739007, 258739008, 258739009, 258739010, 258739011, 258739012, 258739013, 258739015

METHOD BLANK: 81443 Matrix: Solid

Associated Lab Samples: 258739006, 258739007, 258739008, 258739009, 258739010, 258739011, 258739012, 258739013, 258739015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	08/16/11 17:11	
Motor Oil Range SG	mg/kg	ND	64.0	08/16/11 17:11	
n-Octacosane (S) SG	%	108	50-150	08/16/11 17:11	
o-Terphenyl (S) SG	%	93	50-150	08/16/11 17:11	

LABORATORY CONTROL SAMPLE: 81444

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	500	454	91	56-124	
Motor Oil Range SG	mg/kg	500	475	95	50-150	
n-Octacosane (S) SG	%			105	50-150	
o-Terphenyl (S) SG	%			104	50-150	

SAMPLE DUPLICATE: 81445

Parameter	Units	258722040 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	46.6	37.8	21	50	
Motor Oil Range SG	mg/kg	91.0	99.9	9	50	
n-Octacosane (S) SG	%	106	103	1		
o-Terphenyl (S) SG	%	90	89	1		

SAMPLE DUPLICATE: 81446

Parameter	Units	258739006 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	17.1J	16.7J		50	
Motor Oil Range SG	mg/kg	69.3J	70.7J		50	
n-Octacosane (S) SG	%	104	106	2		
o-Terphenyl (S) SG	%	90	92	3		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: OEXT/4203 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
 Associated Lab Samples: 258739016, 258739017, 258739018, 258739019, 258739020, 258739021, 258739022, 258739023, 258739024, 258739025, 258739027, 258739028, 258739029, 258739030, 258739031, 258739032, 258739033, 258739034, 258739035, 258739036

METHOD BLANK: 81710 Matrix: Solid
 Associated Lab Samples: 258739016, 258739017, 258739018, 258739019, 258739020, 258739021, 258739022, 258739023, 258739024, 258739025, 258739027, 258739028, 258739029, 258739030, 258739031, 258739032, 258739033, 258739034, 258739035, 258739036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	08/16/11 23:18	
Motor Oil Range SG	mg/kg	ND	64.0	08/16/11 23:18	
n-Octacosane (S) SG	%	115	50-150	08/16/11 23:18	
o-Terphenyl (S) SG	%	100	50-150	08/16/11 23:18	

LABORATORY CONTROL SAMPLE: 81711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	500	407	81	56-124	
Motor Oil Range SG	mg/kg	500	476	95	50-150	
n-Octacosane (S) SG	%			111	50-150	
o-Terphenyl (S) SG	%			98	50-150	

SAMPLE DUPLICATE: 81712

Parameter	Units	258739017 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	26.1	27.7	6	50	
Motor Oil Range SG	mg/kg	198	232	15	50	
n-Octacosane (S) SG	%	108	111	5		
o-Terphenyl (S) SG	%	99	102	4		

SAMPLE DUPLICATE: 81713

Parameter	Units	258739029 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	103	92.1	11	50	
Motor Oil Range SG	mg/kg	667	608	9	50	
n-Octacosane (S) SG	%	118	117	1		
o-Terphenyl (S) SG	%	102	100	2		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258739

QC Batch: OEXT/4205 Analysis Method: NWTPH-Dx
QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
Associated Lab Samples: 258739037, 258739038

METHOD BLANK: 81717 Matrix: Solid
Associated Lab Samples: 258739037, 258739038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	08/16/11 15:14	
Motor Oil Range SG	mg/kg	ND	64.0	08/16/11 15:14	
n-Octacosane (S) SG	%	105	50-150	08/16/11 15:14	
o-Terphenyl (S) SG	%	89	50-150	08/16/11 15:14	

LABORATORY CONTROL SAMPLE: 81718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	500	470	94	56-124	
Motor Oil Range SG	mg/kg	500	489	98	50-150	
n-Octacosane (S) SG	%			103	50-150	
o-Terphenyl (S) SG	%			104	50-150	

SAMPLE DUPLICATE: 81719

Parameter	Units	258739037 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND			50
Motor Oil Range SG	mg/kg	ND	ND			50
n-Octacosane (S) SG	%	96	99	5		
o-Terphenyl (S) SG	%	79	83	7		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258739

QC Batch: PMST/1783 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 258739001, 258739002, 258739004, 258739005, 258739006, 258739007, 258739008, 258739009, 258739010,
258739011, 258739012, 258739013

SAMPLE DUPLICATE: 81192

Parameter	Units	258722043 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.5	11.0	4	30	

SAMPLE DUPLICATE: 81193

Parameter	Units	258739007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.4	15.8	2	30	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258739

QC Batch: PMST/1784 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 258739015, 258739016, 258739017, 258739018, 258739019

SAMPLE DUPLICATE: 81306

Parameter	Units	258767001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.9	20.9	.1	30	

SAMPLE DUPLICATE: 81307

Parameter	Units	258739017 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	14.6	2	30	



QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258739

QC Batch: PMST/1785 Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 258739020, 258739021, 258739022, 258739023, 258739024, 258739025, 258739027, 258739028, 258739029,
258739030, 258739031, 258739032, 258739033, 258739034, 258739035, 258739036, 258739037, 258739038

SAMPLE DUPLICATE: 81308

Parameter	Units	258739030 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.9	18.7	10	30	

SAMPLE DUPLICATE: 81309

Parameter	Units	258769001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.4	21.6	16	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 258739

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/5118

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5129

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5160

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5163

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1n Acetone is a potential false positive result due to VOA vial contamination. This contamination was traced to the supplier of these VOA vials.

B Analyte was detected in the associated method blank.

CH The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

D4 Sample was diluted due to the presence of high levels of target analytes.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

QUALIFIERS

Project: Superlon

Pace Project No.: 258739

ANALYTE QUALIFIERS

- M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- R1 RPD value was outside control limits.
- S2 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
- S4 Surrogate recovery not evaluated against control limits due to sample dilution.
- S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 258739

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258739006	SUP_SL_52 1-2	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258739007	SUP_SL_52 2-4	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258739008	SUP_SL_52 4-6	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258739009	SUP_SL_52 6-8	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258739010	SUP_SL_52 8-10	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258739011	SUP_SL_52 10-12	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258739012	SUP_SL_52 12-14	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258739013	SUP_SL_52 14-16	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258739015	SUP_SL_59 8-10	EPA 3546	OEXT/4189	NWTPH-Dx	GCSV/2797
258739016	SUP_SL_59 10-12	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739017	SUP_SL_54 0-1	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739018	SUP_SL_54 1-2	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739019	SUP_SL_54 2-4	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739020	SUP_SL_54 4-6	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739021	SUP_SL_54 6-8	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739022	SUP_SL_54 8-10	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739023	SUP_SL_54 10-12	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739024	SUP_SL_54 12-14	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739025	SUP_SL_54 14-16	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739027	SUP_SL_58 8-10	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739028	SUP_SL_58 10-12	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739029	SUP_SL_56 0-1	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739030	SUP_SL_56 1-2	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739031	SUP_SL_56 2-4	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739032	SUP_SL_56 4-6	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739033	SUP_SL_56 6-8	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739034	SUP_SL_56 8-10	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739035	SUP_SL_56 10-12	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739036	SUP_SL_56 12-14	EPA 3546	OEXT/4203	NWTPH-Dx	GCSV/2808
258739037	SUP_SL_56 14-16	EPA 3546	OEXT/4205	NWTPH-Dx	GCSV/2803
258739038	SUP_SL_56 DUP	EPA 3546	OEXT/4205	NWTPH-Dx	GCSV/2803
258739006	SUP_SL_52 1-2	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739007	SUP_SL_52 2-4	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739008	SUP_SL_52 4-6	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739009	SUP_SL_52 6-8	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739010	SUP_SL_52 8-10	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739011	SUP_SL_52 10-12	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739012	SUP_SL_52 12-14	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739013	SUP_SL_52 14-16	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739014	Trip Blank #5	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739015	SUP_SL_59 8-10	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739016	SUP_SL_59 10-12	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739017	SUP_SL_54 0-1	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739018	SUP_SL_54 1-2	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739019	SUP_SL_54 2-4	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739020	SUP_SL_54 4-6	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739021	SUP_SL_54 6-8	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 258739

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258739022	SUP_SL_54 8-10	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739023	SUP_SL_54 10-12	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739024	SUP_SL_54 12-14	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739025	SUP_SL_54 14-16	NWTPH-Gx	GCV/2392	NWTPH-Gx	GCV/2397
258739026	Trip Blank #14	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739027	SUP_SL_58 8-10	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739029	SUP_SL_56 0-1	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739030	SUP_SL_56 1-2	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739031	SUP_SL_56 2-4	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739032	SUP_SL_56 4-6	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739033	SUP_SL_56 6-8	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739034	SUP_SL_56 8-10	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739035	SUP_SL_56 10-12	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739036	SUP_SL_56 12-14	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739037	SUP_SL_56 14-16	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739038	SUP_SL_56 DUP	NWTPH-Gx	GCV/2399	NWTPH-Gx	GCV/2400
258739001	SUP_SL_49 8-10	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739002	SUP_SL_49 10-12	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739004	SUP_SL_50 8-10	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739005	SUP_SL_50 10-12	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739006	SUP_SL_52 1-2	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739007	SUP_SL_52 2-4	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739008	SUP_SL_52 4-6	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739009	SUP_SL_52 6-8	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739010	SUP_SL_52 8-10	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739011	SUP_SL_52 10-12	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739012	SUP_SL_52 12-14	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739013	SUP_SL_52 14-16	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739015	SUP_SL_59 8-10	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739016	SUP_SL_59 10-12	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739017	SUP_SL_54 0-1	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739018	SUP_SL_54 1-2	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739019	SUP_SL_54 2-4	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739020	SUP_SL_54 4-6	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739021	SUP_SL_54 6-8	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739022	SUP_SL_54 8-10	EPA 3050	MPRP/2409	EPA 6010	ICP/2306
258739023	SUP_SL_54 10-12	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739024	SUP_SL_54 12-14	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739025	SUP_SL_54 14-16	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739027	SUP_SL_58 8-10	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739028	SUP_SL_58 10-12	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739029	SUP_SL_56 0-1	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739030	SUP_SL_56 1-2	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739031	SUP_SL_56 2-4	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739032	SUP_SL_56 4-6	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739033	SUP_SL_56 6-8	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739034	SUP_SL_56 8-10	EPA 3050	MPRP/2410	EPA 6010	ICP/2307

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258739

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258739035	SUP_SL_56 10-12	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739036	SUP_SL_56 12-14	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739037	SUP_SL_56 14-16	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739038	SUP_SL_56 DUP	EPA 3050	MPRP/2410	EPA 6010	ICP/2307
258739001	SUP_SL_49 8-10	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258739002	SUP_SL_49 10-12	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258739004	SUP_SL_50 8-10	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258739005	SUP_SL_50 10-12	EPA 3546	OEXT/4185	EPA 8270	MSSV/1733
258739001	SUP_SL_49 8-10	EPA 8260	MSV/5118		
258739002	SUP_SL_49 10-12	EPA 8260	MSV/5118		
258739003	Trip Blank #15	EPA 8260	MSV/5118		
258739004	SUP_SL_50 8-10	EPA 8260	MSV/5118		
258739005	SUP_SL_50 10-12	EPA 8260	MSV/5118		
258739006	SUP_SL_52 1-2	EPA 8260	MSV/5163		
258739007	SUP_SL_52 2-4	EPA 8260	MSV/5163		
258739008	SUP_SL_52 4-6	EPA 8260	MSV/5118		
258739009	SUP_SL_52 6-8	EPA 8260	MSV/5118		
258739010	SUP_SL_52 8-10	EPA 8260	MSV/5118		
258739011	SUP_SL_52 10-12	EPA 8260	MSV/5118		
258739012	SUP_SL_52 12-14	EPA 8260	MSV/5118		
258739013	SUP_SL_52 14-16	EPA 8260	MSV/5118		
258739014	Trip Blank #5	EPA 8260	MSV/5120		
258739015	SUP_SL_59 8-10	EPA 8260	MSV/5120		
258739016	SUP_SL_59 10-12	EPA 8260	MSV/5120		
258739017	SUP_SL_54 0-1	EPA 8260	MSV/5120		
258739018	SUP_SL_54 1-2	EPA 8260	MSV/5134		
258739019	SUP_SL_54 2-4	EPA 8260	MSV/5120		
258739020	SUP_SL_54 4-6	EPA 8260	MSV/5120		
258739021	SUP_SL_54 6-8	EPA 8260	MSV/5120		
258739022	SUP_SL_54 8-10	EPA 8260	MSV/5120		
258739023	SUP_SL_54 10-12	EPA 8260	MSV/5120		
258739024	SUP_SL_54 12-14	EPA 8260	MSV/5120		
258739025	SUP_SL_54 14-16	EPA 8260	MSV/5120		
258739026	Trip Blank #14	EPA 8260	MSV/5120		
258739027	SUP_SL_58 8-10	EPA 8260	MSV/5120		
258739028	SUP_SL_58 10-12	EPA 8260	MSV/5129		
258739029	SUP_SL_56 0-1	EPA 8260	MSV/5129		
258739030	SUP_SL_56 1-2	EPA 8260	MSV/5134		
258739031	SUP_SL_56 2-4	EPA 8260	MSV/5129		
258739032	SUP_SL_56 4-6	EPA 8260	MSV/5134		
258739033	SUP_SL_56 6-8	EPA 8260	MSV/5129		
258739034	SUP_SL_56 8-10	EPA 8260	MSV/5129		
258739035	SUP_SL_56 10-12	EPA 8260	MSV/5129		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258739

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258739036	SUP_SL_56 12-14	EPA 8260	MSV/5129		
258739037	SUP_SL_56 14-16	EPA 8260	MSV/5134		
258739038	SUP_SL_56 DUP	EPA 8260	MSV/5129		
258739028	SUP_SL_58 10-12	NWTPH-Gx	MSV/5160	NWTPH-Gx	MSV/5171
258739001	SUP_SL_49 8-10	ASTM D2974-87	PMST/1783		
258739002	SUP_SL_49 10-12	ASTM D2974-87	PMST/1783		
258739004	SUP_SL_50 8-10	ASTM D2974-87	PMST/1783		
258739005	SUP_SL_50 10-12	ASTM D2974-87	PMST/1783		
258739006	SUP_SL_52 1-2	ASTM D2974-87	PMST/1783		
258739007	SUP_SL_52 2-4	ASTM D2974-87	PMST/1783		
258739008	SUP_SL_52 4-6	ASTM D2974-87	PMST/1783		
258739009	SUP_SL_52 6-8	ASTM D2974-87	PMST/1783		
258739010	SUP_SL_52 8-10	ASTM D2974-87	PMST/1783		
258739011	SUP_SL_52 10-12	ASTM D2974-87	PMST/1783		
258739012	SUP_SL_52 12-14	ASTM D2974-87	PMST/1783		
258739013	SUP_SL_52 14-16	ASTM D2974-87	PMST/1783		
258739015	SUP_SL_59 8-10	ASTM D2974-87	PMST/1784		
258739016	SUP_SL_59 10-12	ASTM D2974-87	PMST/1784		
258739017	SUP_SL_54 0-1	ASTM D2974-87	PMST/1784		
258739018	SUP_SL_54 1-2	ASTM D2974-87	PMST/1784		
258739019	SUP_SL_54 2-4	ASTM D2974-87	PMST/1784		
258739020	SUP_SL_54 4-6	ASTM D2974-87	PMST/1785		
258739021	SUP_SL_54 6-8	ASTM D2974-87	PMST/1785		
258739022	SUP_SL_54 8-10	ASTM D2974-87	PMST/1785		
258739023	SUP_SL_54 10-12	ASTM D2974-87	PMST/1785		
258739024	SUP_SL_54 12-14	ASTM D2974-87	PMST/1785		
258739025	SUP_SL_54 14-16	ASTM D2974-87	PMST/1785		
258739027	SUP_SL_58 8-10	ASTM D2974-87	PMST/1785		
258739028	SUP_SL_58 10-12	ASTM D2974-87	PMST/1785		
258739029	SUP_SL_56 0-1	ASTM D2974-87	PMST/1785		
258739030	SUP_SL_56 1-2	ASTM D2974-87	PMST/1785		
258739031	SUP_SL_56 2-4	ASTM D2974-87	PMST/1785		
258739032	SUP_SL_56 4-6	ASTM D2974-87	PMST/1785		
258739033	SUP_SL_56 6-8	ASTM D2974-87	PMST/1785		
258739034	SUP_SL_56 8-10	ASTM D2974-87	PMST/1785		
258739035	SUP_SL_56 10-12	ASTM D2974-87	PMST/1785		
258739036	SUP_SL_56 12-14	ASTM D2974-87	PMST/1785		
258739037	SUP_SL_56 14-16	ASTM D2974-87	PMST/1785		
258739038	SUP_SL_56 DUP	ASTM D2974-87	PMST/1785		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258823
Sample Date(s): August 12, 2011

This review summarizes the data quality of analytical results generated in support of the August 12, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258823.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258823



Delivery Group Summary

Fourteen soil samples and one soil trip blank were collected by Pacific Environmental Redevelopment Corporation on August 12, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for metals (arsenic, cadmium, lead), semivolatile organic compounds (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Metal results by method 6010 are of acceptable quality. None of the results were qualified.
- Pentachlorophenol results by method 8270 have 100% of the results qualified.
- VOC results by method 8260 have 4.5% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 14 Samples	Groundwater= 0 Samples	Trip Blank (Soil)= 1 Samples	Trip Blank (Groundwater)= 0 Samples
6010 Metals (As, Pb, Cd)		8260 VOCs	
8270 Pentachlorophenol Only			
8260 VOCs			

<p>Holding Time: All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP. <i>Action: No action was taken based on the evaluation of holding times.</i></p>	Representativeness
---	---------------------------

<p>Surrogates: All surrogate recoveries were within the control limits. <i>Action: No action was taken based on the evaluation of surrogate recoveries.</i></p>	Accuracy
--	-----------------

<p>Blanks: As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via one cooler with the trip blank.</p> <p>The following analytes were detected in the method or trip blanks:</p>	Representativeness
---	---------------------------



Blank ID	Blank Type	Associated Samples Field ID	Associated Sample Lab ID	Analyte	Result	Unit
258823010	Trip Blank	SUP_SL_20 6-7	258823001	1,4-Dichlorobenzene	0.24 J	ug/kg
		SUP_SL_20 7-8	258823002	Acetone	1.3 J	ug/kg
		SUP_SL_20 8-10	258823003	Carbon disulfide	0.36 J	ug/kg
		SUP_SL_20 10-12	258823004	Naphthalene	0.55 J	ug/kg
		SUP_SL_20 12-14	258823005	Toluene	0.81 J	ug/kg
		SUP_SL_22 7-8	258823006	n-Butylbenzene	0.72 J	ug/kg
		SUP_SL_22 8-10	258823007			
		SUP_SL_22 10-12	258823008			
		SUP_SL_22 12-14	258823009			
		SUP_SL_23 6-7	258823011			
		SUP_SL_23 7-8	258823012			
		SUP_SL_23 8-10	258823013			
		SUP_SL_23 10-12	258823014			
		SUP_SL_23 12-14	258823015			
81952	Method Blank	SUP_SL_20 8-10	258823003	1,2,3-Trichlorobenzene	0.46 J	ug/kg
		SUP_SL_20 12-14	258823005	1,2,4-Trichlorobenzene	0.38 J	ug/kg
		SUP_SL_22 8-10	258823007	1,4-Dichlorobenzene	0.28 J	ug/kg
		SUP_SL_22 10-12	258823008	Chloroform	0.41 J	ug/kg
		SUP_SL_22 12-14	258823009	Methylene chloride	3.3 J	ug/kg
		SUP_SL_23 8-10	258823013	n-Propylbenzene	0.77 J	ug/kg
		SUP_SL_23 10-12	258823014	Naphthalene	0.94 J	ug/kg
				sec-Butylbenzene	0.64 J	ug/kg
82049	Method Blank	SUP_SL_20 10-12	258823004	Acetone	3.5 J	ug/kg
		SUP_SL_23 12-14	258823015	Methylene chloride	10.0	ug/kg
				n-Propylbenzene	0.73 J	ug/kg
				p-Isopropyltoluene	0.45 J	ug/kg

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:



Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Acetone		
SUP_SL_20 8-10	258823003	258823010	Trip Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives due to vial contamination from the manufacturer. Positive results were qualified as estimated if it was greater than the associated blank concentration.
SUP_SL_20 12-14	258823005		
SUP_SL_22 8-10	258823007		
SUP_SL_22 10-12	258823008		
SUP_SL_22 12-14	258823009		
SUP_SL_23 8-10	258823013		
SUP_SL_23 10-12	258823014		
SUP_SL_20 10-12	258823004	82049	Method Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives due to vial contamination from the manufacturer. Positive results were qualified as estimated if it was greater than the associated blank concentration.
SUP_SL_23 12-14	258823015		
Analyte:	Carbon disulfide		
SUP_SL_20 8-10	258823003	258823010	Trip Blank. Qualified based on criteria 4 and 6.
SUP_SL_20 10-12	258823004		
SUP_SL_20 12-14	258823005		
SUP_SL_22 8-10	258823007		
SUP_SL_22 10-12	258823008		
SUP_SL_22 12-14	258823009		
SUP_SL_23 8-10	258823013		
SUP_SL_23 10-12	258823014		
SUP_SL_23 12-14	258823015		
Analyte:	Toluene		
SUP_SL_20 8-10	258823003	258823010	Trip Blank. Qualified based on criteria 4.
SUP_SL_22 8-10	258823007		
SUP_SL_22 10-12	258823008		
SUP_SL_22 12-14	258823009		
SUP_SL_23 8-10	258823013		
Analyte:	n-Butylbenzene		
SUP_SL_22 8-10	258823007	258823010	Trip Blank. Qualified based on criteria 4.
SUP_SL_22 10-12	258823008		
SUP_SL_22 12-14	258823009		
Analyte:	n-Propylbenzene		
SUP_SL_22 8-10	258823007	81952	Method Blank. Qualified based on criteria 4.

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were prepared and analyzed at the required frequency.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:

- a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.

2. Inorganics

- a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
- b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
- c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as



- estimated (J).
- d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD. No action was taken based on the evaluation of MS/MSDs.

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_20 6-7 SUP_SL_20 7-8 SUP_SL_20 8-10 SUP_SL_20 10-12 SUP_SL_20 12-14 SUP_SL_22 7-8 SUP_SL_22 8-10 SUP_SL_22 10-12 SUP_SL_22 12-14 SUP_SL_23 6-7 SUP_SL_23 7-8 SUP_SL_23 8-10 SUP_SL_23 10-12 SUP_SL_23 12-14	258823001 258823002 258823003 258823004 258823005 258823006 258823007 258823008 258823009 258823011 258823012 258823013 258823014 258823015	81935	Pentachlorophenol	38/56	40-119	39	30	High/Low	Results not qualified based on criteria 1a.
SUP_SL_20 10-12 SUP_SL_23 12-14	258823004 258823015	82274	1,1-Dichloroethene	165/129	40-155	27	30	High	Results not qualified based on criteria 1a.
			1,2,3-Trichlorobenzene	76/57	40-130	32	30	High	Results not qualified based on criteria 1a.
			1,2,4-Trichlorobenzene	77/56	40-134	33	30	High	Results not qualified based on criteria 1a.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 6010 and one per 10 for method 8270. Method 8260 had LCS/LCSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10



analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_20 8-10 SUP_SL_20 12-14 SUP_SL_22 8-10 SUP_SL_22 10-12 SUP_SL_22 12-14 SUP_SL_23 8-10 SUP_SL_23 10-12	258823003 258823005 258823007 258823008 258823009 258823013 258823014	81953	1,1-Dichloroethene	168/140	68-157	18	28	High	Based on the criteria above, results were not qualified.
			Carbon disulfide	153/140	56-143	9	24	High	Qualified based on criteria 1a.
			Vinyl chloride	117/109	80-112	7	29	High	Based on the criteria above, results were not qualified.
SUP_SL_20 6-7 SUP_SL_20 7-8 SUP_SL_20 8-10 SUP_SL_20 10-12 SUP_SL_20 12-14 SUP_SL_22 7-8 SUP_SL_22 8-10 SUP_SL_22 10-12 SUP_SL_22 12-14 SUP_SL_23 6-7 SUP_SL_23 7-8 SUP_SL_23 8-10 SUP_SL_23 10-12 SUP_SL_23 12-14	258823001 258823002 258823003 258823004 258823005 258823006 258823007 258823008 258823009 258823011 258823012 258823013 258823014 258823015	81934	Pentachlorophenol	34	40-119			Low	Qualified based on criteria 1c.
SUP_SL_20 10-12 SUP_SL_23 12-14	258823004 258823015	82050	1,1-Dichloroethene	160	68-157			High	Based on the criteria above,



								results were not qualified.
		2-Butanone (MEK)	161	44-160			High	Based on the criteria above, results were not qualified.
		Acetone	183	40-160			High	Qualified based on criteria 1a.
		Carbon disulfide	170	56-143			High	Qualified based on criteria 1a.
		Methylene chloride	160	59-149			High	Based on the criteria above, results were not qualified.
		cis-1,2-Dichloroethene	130	70-120			High	Qualified based on criteria 1a.
		Trichloroethene	114	80-112			High	Based on the criteria above, results were not qualified.
		Tetrachloroethene	119	80-112			High	Based on the criteria above, results were not qualified.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 6010 and 8260, and one every 10 samples for method 8270. No duplicates were collected.

Action: No action was taken based on the evaluation of field duplicates.

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

According to the chain-of-custody the last sample was collected at 13:05, however the sampler relinquished the samples at 12:30 to Buck Pace of Pace Analytical Services. The sampler labeled the samples and filled out the chain-of-custody prior to collecting the sample by estimating what time the sample would be collected. The samples were collected faster than expected and given to the Pace representative at 12:30. On the chain-of-custody methods 6010, 8270 and 8260 were requested for the trip blank (Trip Blank #16 [258823010]). The trip blank was correctly run for method 8260 as specified in the SAP & QAPP. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition and were preserved correctly. The sample condition upon receipt report does not specify if the samples were on ice of any type, however the temperature collected upon receipt of the samples (5.0 °C) indicates ice must have been present. Cooler custody seals were not used. The temperature of the delivery cooler was recorded at 5.0 °C and was within the required temperature range. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Forty-two (42) sample results were qualified (see Attachment 1).
- One detected sample result was qualified as estimated (J) due to LCS/LCSD recoveries that exceeded control limits.



- Fourteen nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits.
- Six detected sample results were qualified (B) and 10 detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.
- Nine detected sample results were qualified estimated (JB) and two detected sample results were qualified as nondetected (UJB) due to method/trip blank contamination and LCS/LCSD recoveries that exceeded control limits.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258823

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_20 6-7	258823001	EPA 8270	Solid	Pentachlorophenol	<439	ug/kg	439	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_20 7-8	258823002	EPA 8270	Solid	Pentachlorophenol	<424	ug/kg	424	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_20 8-10	258823003	EPA 8260	Solid	Acetone	46.4	ug/kg	2.8	B	Trip Blank Contamination
SUP_SL_20 8-10	258823003	EPA 8260	Solid	Carbon disulfide	18.6	ug/kg	0.71	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_20 8-10	258823003	EPA 8260	Solid	Toluene	0.97 J	ug/kg	0.79	UB	Trip Blank Contamination
SUP_SL_20 8-10	258823003	EPA 8270	Solid	Pentachlorophenol	<224	ug/kg	224	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_20 10-12	258823004	EPA 8260	Solid	Acetone	49.1	ug/kg	1.8	JB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_20 10-12	258823004	EPA 8260	Solid	Carbon disulfide	9.1	ug/kg	0.45	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_20 10-12	258823004	EPA 8260	Solid	cis-1,2-Dichloroethene	1.2 J	ug/kg	0.33	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_20 10-12	258823004	EPA 8270	Solid	Pentachlorophenol	<170	ug/kg	170	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_20 12-14	258823005	EPA 8260	Solid	Acetone	12.1	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_20 12-14	258823005	EPA 8260	Solid	Carbon disulfide	3.1 J	ug/kg	0.29	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_20 12-14	258823005	EPA 8270	Solid	Pentachlorophenol	<136	ug/kg	136	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_22 7-8	258823006	EPA 8270	Solid	Pentachlorophenol	<239	ug/kg	239	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_22 8-10	258823007	EPA 8260	Solid	Acetone	28.4	ug/kg	2.3	B	Trip Blank Contamination
SUP_SL_22 8-10	258823007	EPA 8260	Solid	Carbon disulfide	7.9	ug/kg	0.60	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_22 8-10	258823007	EPA 8260	Solid	Toluene	0.96 J	ug/kg	0.66	UB	Trip Blank Contamination
SUP_SL_22 8-10	258823007	EPA 8260	Solid	n-Butylbenzene	1.4 J	ug/kg	0.98	UB	Trip Blank Contamination
SUP_SL_22 8-10	258823007	EPA 8260	Solid	n-Propylbenzene	1.5 J	ug/kg	0.75	UB	Method Blank Contamination
SUP_SL_22 8-10	258823007	EPA 8270	Solid	Pentachlorophenol	<196	ug/kg	196	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_22 10-12	258823008	EPA 8260	Solid	Acetone	19.7	ug/kg	1.6	B	Trip Blank Contamination
SUP_SL_22 10-12	258823008	EPA 8260	Solid	Carbon disulfide	5.8	ug/kg	0.41	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_22 10-12	258823008	EPA 8260	Solid	Toluene	0.70 J	ug/kg	0.46	UB	Trip Blank Contamination
SUP_SL_22 10-12	258823008	EPA 8260	Solid	n-Butylbenzene	0.99 J	ug/kg	0.68	UB	Trip Blank Contamination
SUP_SL_22 10-12	258823008	EPA 8270	Solid	Pentachlorophenol	<159	ug/kg	159	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_22 12-14	258823009	EPA 8260	Solid	Acetone	19.5	ug/kg	1.3	B	Trip Blank Contamination
SUP_SL_22 12-14	258823009	EPA 8260	Solid	Carbon disulfide	3.7	ug/kg	0.33	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_22 12-14	258823009	EPA 8260	Solid	Toluene	0.67 J	ug/kg	0.36	UB	Trip Blank Contamination
SUP_SL_22 12-14	258823009	EPA 8260	Solid	n-Butylbenzene	0.77 J	ug/kg	0.54	UB	Trip Blank Contamination
SUP_SL_22 12-14	258823009	EPA 8270	Solid	Pentachlorophenol	<138	ug/kg	138	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_23 6-7	258823011	EPA 8270	Solid	Pentachlorophenol	<484	ug/kg	484	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_23 7-8	258823012	EPA 8270	Solid	Pentachlorophenol	<526	ug/kg	526	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_23 8-10	258823013	EPA 8260	Solid	Acetone	149	ug/kg	3.0	B	Trip Blank Contamination
SUP_SL_23 8-10	258823013	EPA 8260	Solid	Carbon disulfide	31.2	ug/kg	0.77	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_23 8-10	258823013	EPA 8260	Solid	Toluene	2.8 J	ug/kg	0.85	UB	Trip Blank Contamination
SUP_SL_23 8-10	258823013	EPA 8270	Solid	Pentachlorophenol	<237	ug/kg	237	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_23 10-12	258823014	EPA 8260	Solid	Acetone	31.8	ug/kg	1.9	B	Trip Blank Contamination
SUP_SL_23 10-12	258823014	EPA 8260	Solid	Carbon disulfide	5.0 J	ug/kg	0.47	JB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_23 10-12	258823014	EPA 8270	Solid	Pentachlorophenol	<157	ug/kg	157	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_23 12-14	258823015	EPA 8260	Solid	Acetone	17.1	ug/kg	1.2	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_23 12-14	258823015	EPA 8260	Solid	Carbon disulfide	1.6 J	ug/kg	0.31	UJB	Trip Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_23 12-14	258823015	EPA 8270	Solid	Pentachlorophenol	<140	ug/kg	140	UJ	LCS/LCSD Recoveries Exceed Control Limits

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258823

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 12, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258823

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 258823

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258823001	SUP_SL_20 6-7	Solid	08/12/11 10:30	08/12/11 15:15
258823002	SUP_SL_20 7-8	Solid	08/12/11 10:35	08/12/11 15:15
258823003	SUP_SL_20 8-10	Solid	08/12/11 10:40	08/12/11 15:15
258823004	SUP_SL_20 10-12	Solid	08/12/11 10:45	08/12/11 15:15
258823005	SUP_SL_20 12-14	Solid	08/12/11 10:50	08/12/11 15:15
258823006	SUP_SL_22 7-8	Solid	08/12/11 11:30	08/12/11 15:15
258823007	SUP_SL_22 8-10	Solid	08/12/11 11:35	08/12/11 15:15
258823008	SUP_SL_22 10-12	Solid	08/12/11 11:40	08/12/11 15:15
258823009	SUP_SL_22 12-14	Solid	08/12/11 11:45	08/12/11 15:15
258823010	Trip Blank #16	Solid	08/12/11 12:00	08/12/11 15:15
258823011	SUP_SL_23 6-7	Solid	08/12/11 12:25	08/12/11 15:15
258823012	SUP_SL_23 7-8	Solid	08/12/11 12:30	08/12/11 15:15
258823013	SUP_SL_23 8-10	Solid	08/12/11 12:50	08/12/11 15:15
258823014	SUP_SL_23 10-12	Solid	08/12/11 13:00	08/12/11 15:15
258823015	SUP_SL_23 12-14	Solid	08/12/11 13:05	08/12/11 15:15

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258823

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258823001	SUP_SL_20 6-7	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823002	SUP_SL_20 7-8	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823003	SUP_SL_20 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823004	SUP_SL_20 10-12	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823005	SUP_SL_20 12-14	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823006	SUP_SL_22 7-8	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823007	SUP_SL_22 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823008	SUP_SL_22 10-12	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823009	SUP_SL_22 12-14	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823010	Trip Blank #16	EPA 8260	LPM	73	PASI-S
258823011	SUP_SL_23 6-7	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823012	SUP_SL_23 7-8	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258823013	SUP_SL_23 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258823

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258823014	SUP_SL_23 10-12	EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
258823015	SUP_SL_23 12-14	ASTM D2974-87	DMT	1	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_20 6-7 **Lab ID: 258823001** Collected: 08/12/11 10:30 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1390	439	1	08/16/11 11:00	08/17/11 19:07	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	47	%	26-135		1	08/16/11 11:00	08/17/11 19:07	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	76.6	%	0.10	0.10	1		08/14/11 16:44		

Sample: SUP_SL_20 7-8 **Lab ID: 258823002** Collected: 08/12/11 10:35 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1340	424	1	08/16/11 11:00	08/17/11 19:29	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	47	%	26-135		1	08/16/11 11:00	08/17/11 19:29	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	75.7	%	0.10	0.10	1		08/14/11 16:45		

Sample: SUP_SL_20 8-10 **Lab ID: 258823003** Collected: 08/12/11 10:40 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	58.9	mg/kg	21.4	3.2	5	08/24/11 11:01	08/25/11 19:59	7440-38-2	
Cadmium	0.27J	mg/kg	10.7	0.12	5	08/24/11 11:01	08/25/11 19:59	7440-43-9	D3
Lead	6.2	mg/kg	2.1	0.13	1	08/24/11 11:01	08/25/11 21:17	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	706	224	1	08/16/11 11:00	08/17/11 19:52	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	55	%	26-135		1	08/16/11 11:00	08/17/11 19:52	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.7	0.37	1		08/15/11 19:53	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.7	0.47	1		08/15/11 19:53	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.7	0.71	1		08/15/11 19:53	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.7	0.71	1		08/15/11 19:53	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.7	1.0	1		08/15/11 19:53	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.7	0.61	1		08/15/11 19:53	75-34-3	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 7 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_20 8-10 Lab ID: 258823003 Collected: 08/12/11 10:40 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1-Dichloroethene	ND	ug/kg	7.7	0.95	1		08/15/11 19:53	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	7.7	0.89	1		08/15/11 19:53	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.7	0.71	1		08/15/11 19:53	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.7	0.87	1		08/15/11 19:53	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.7	0.62	1		08/15/11 19:53	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	7.7	1.3	1		08/15/11 19:53	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	1.0	1		08/15/11 19:53	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.7	0.54	1		08/15/11 19:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.7	0.63	1		08/15/11 19:53	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.7	0.57	1		08/15/11 19:53	107-06-2	
1,2-Dichloroethene (Total)	2.0J	ug/kg	15.3	0.95	1		08/15/11 19:53	540-59-0	
1,2-Dichloropropane	ND	ug/kg	7.7	0.46	1		08/15/11 19:53	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.7	0.82	1		08/15/11 19:53	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.7	0.49	1		08/15/11 19:53	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.7	0.71	1		08/15/11 19:53	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.7	0.61	1		08/15/11 19:53	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.7	0.48	1		08/15/11 19:53	594-20-7	
2-Butanone (MEK)	ND	ug/kg	25.6	3.9	1		08/15/11 19:53	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.7	0.80	1		08/15/11 19:53	95-49-8	
2-Hexanone	ND	ug/kg	25.6	0.92	1		08/15/11 19:53	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.7	0.68	1		08/15/11 19:53	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.6	0.78	1		08/15/11 19:53	108-10-1	
Acetone	46.4	ug/kg	25.6	2.8	1		08/15/11 19:53	67-64-1	1n
Benzene	0.65J	ug/kg	7.7	0.38	1		08/15/11 19:53	71-43-2	
Bromobenzene	ND	ug/kg	7.7	0.60	1		08/15/11 19:53	108-86-1	
Bromochloromethane	ND	ug/kg	7.7	0.56	1		08/15/11 19:53	74-97-5	
Bromodichloromethane	ND	ug/kg	7.7	0.30	1		08/15/11 19:53	75-27-4	
Bromoform	ND	ug/kg	7.7	0.59	1		08/15/11 19:53	75-25-2	
Bromomethane	ND	ug/kg	7.7	0.81	1		08/15/11 19:53	74-83-9	
Carbon disulfide	18.6	ug/kg	7.7	0.71	1		08/15/11 19:53	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	7.7	0.46	1		08/15/11 19:53	56-23-5	
Chlorobenzene	ND	ug/kg	7.7	0.47	1		08/15/11 19:53	108-90-7	
Chloroethane	ND	ug/kg	7.7	0.74	1		08/15/11 19:53	75-00-3	
Chloroform	ND	ug/kg	7.7	0.50	1		08/15/11 19:53	67-66-3	
Chloromethane	ND	ug/kg	7.7	0.53	1		08/15/11 19:53	74-87-3	
Dibromochloromethane	ND	ug/kg	7.7	0.26	1		08/15/11 19:53	124-48-1	
Dibromomethane	ND	ug/kg	7.7	0.53	1		08/15/11 19:53	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.7	1.1	1		08/15/11 19:53	75-71-8	
Ethylbenzene	ND	ug/kg	7.7	0.97	1		08/15/11 19:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.7	0.76	1		08/15/11 19:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.7	0.89	1		08/15/11 19:53	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.7	0.64	1		08/15/11 19:53	1634-04-4	
Methylene chloride	ND	ug/kg	25.6	6.8	1		08/15/11 19:53	75-09-2	
Naphthalene	ND	ug/kg	7.7	1.4	1		08/15/11 19:53	91-20-3	
Styrene	ND	ug/kg	7.7	0.74	1		08/15/11 19:53	100-42-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_20 8-10 **Lab ID:** 258823003 Collected: 08/12/11 10:40 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Tetrachloroethene	ND	ug/kg	7.7	0.98	1		08/15/11 19:53	127-18-4	
Toluene	0.97J	ug/kg	7.7	0.79	1		08/15/11 19:53	108-88-3	
Trichloroethene	ND	ug/kg	7.7	0.54	1		08/15/11 19:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.7	0.59	1		08/15/11 19:53	75-69-4	
Vinyl chloride	ND	ug/kg	7.7	0.72	1		08/15/11 19:53	75-01-4	
Xylene (Total)	ND	ug/kg	23.0	1.9	1		08/15/11 19:53	1330-20-7	
cis-1,2-Dichloroethene	2.0J	ug/kg	7.7	0.53	1		08/15/11 19:53	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.7	0.33	1		08/15/11 19:53	10061-01-5	
m&p-Xylene	ND	ug/kg	15.3	1.9	1		08/15/11 19:53	179601-23-1	
n-Butylbenzene	ND	ug/kg	7.7	1.2	1		08/15/11 19:53	104-51-8	
n-Propylbenzene	ND	ug/kg	7.7	0.90	1		08/15/11 19:53	103-65-1	
o-Xylene	ND	ug/kg	7.7	0.83	1		08/15/11 19:53	95-47-6	
p-Isopropyltoluene	ND	ug/kg	7.7	0.98	1		08/15/11 19:53	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.7	1.1	1		08/15/11 19:53	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.7	0.66	1		08/15/11 19:53	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.7	0.88	1		08/15/11 19:53	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.7	0.77	1		08/15/11 19:53	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.7	0.54	1		08/15/11 19:53	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		72-129		1		08/15/11 19:53	1868-53-7	
Toluene-d8 (S)	99 %		69-133		1		08/15/11 19:53	2037-26-5	
4-Bromofluorobenzene (S)	97 %		67-142		1		08/15/11 19:53	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		67-136		1		08/15/11 19:53	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	53.7 %		0.10	0.10	1		08/14/11 16:46		

Sample: SUP_SL_20 10-12 **Lab ID:** 258823004 Collected: 08/12/11 10:45 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	25.1	mg/kg	14.2	2.1	5	08/24/11 11:01	08/25/11 20:09	7440-38-2	
Cadmium	ND	mg/kg	7.1	0.078	5	08/24/11 11:01	08/25/11 20:09	7440-43-9	D3
Lead	7.1	mg/kg	1.4	0.090	1	08/24/11 11:01	08/25/11 21:28	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	536	170	1	08/16/11 11:00	08/17/11 20:15	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	45 %		26-135		1	08/16/11 11:00	08/17/11 20:15	118-79-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_20 10-12 Lab ID: 258823004 Collected: 08/12/11 10:45 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	0.23	1		08/16/11 17:51	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.8	0.29	1		08/16/11 17:51	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	0.44	1		08/16/11 17:51	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.8	0.45	1		08/16/11 17:51	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.8	0.65	1		08/16/11 17:51	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.8	0.38	1		08/16/11 17:51	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.8	0.59	1		08/16/11 17:51	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	4.8	0.56	1		08/16/11 17:51	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	0.45	1		08/16/11 17:51	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.8	0.55	1		08/16/11 17:51	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	0.39	1		08/16/11 17:51	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	0.83	1		08/16/11 17:51	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.0	0.62	1		08/16/11 17:51	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	0.34	1		08/16/11 17:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.8	0.39	1		08/16/11 17:51	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.8	0.36	1		08/16/11 17:51	107-06-2	
1,2-Dichloroethene (Total)	1.2J	ug/kg	9.6	0.59	1		08/16/11 17:51	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.8	0.29	1		08/16/11 17:51	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	0.51	1		08/16/11 17:51	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.8	0.30	1		08/16/11 17:51	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.8	0.44	1		08/16/11 17:51	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.8	0.38	1		08/16/11 17:51	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.8	0.30	1		08/16/11 17:51	594-20-7	
2-Butanone (MEK)	ND	ug/kg	16.0	2.4	1		08/16/11 17:51	78-93-3	L3
2-Chlorotoluene	ND	ug/kg	4.8	0.50	1		08/16/11 17:51	95-49-8	
2-Hexanone	ND	ug/kg	16.0	0.58	1		08/16/11 17:51	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.8	0.43	1		08/16/11 17:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.0	0.49	1		08/16/11 17:51	108-10-1	
Acetone	49.1	ug/kg	16.0	1.8	1		08/16/11 17:51	67-64-1	1n,B,L1
Benzene	ND	ug/kg	4.8	0.24	1		08/16/11 17:51	71-43-2	
Bromobenzene	ND	ug/kg	4.8	0.38	1		08/16/11 17:51	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	0.35	1		08/16/11 17:51	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	0.19	1		08/16/11 17:51	75-27-4	
Bromoform	ND	ug/kg	4.8	0.37	1		08/16/11 17:51	75-25-2	
Bromomethane	ND	ug/kg	4.8	0.51	1		08/16/11 17:51	74-83-9	
Carbon disulfide	9.1	ug/kg	4.8	0.45	1		08/16/11 17:51	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	4.8	0.29	1		08/16/11 17:51	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	0.29	1		08/16/11 17:51	108-90-7	
Chloroethane	ND	ug/kg	4.8	0.46	1		08/16/11 17:51	75-00-3	
Chloroform	ND	ug/kg	4.8	0.31	1		08/16/11 17:51	67-66-3	
Chloromethane	ND	ug/kg	4.8	0.33	1		08/16/11 17:51	74-87-3	
Dibromochloromethane	ND	ug/kg	4.8	0.16	1		08/16/11 17:51	124-48-1	
Dibromomethane	ND	ug/kg	4.8	0.33	1		08/16/11 17:51	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.8	0.67	1		08/16/11 17:51	75-71-8	
Ethylbenzene	ND	ug/kg	4.8	0.61	1		08/16/11 17:51	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_20 10-12 Lab ID: 258823004 Collected: 08/12/11 10:45 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	0.48	1		08/16/11 17:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	0.56	1		08/16/11 17:51	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.8	0.40	1		08/16/11 17:51	1634-04-4	
Methylene chloride	ND	ug/kg	16.0	4.2	1		08/16/11 17:51	75-09-2	L3
Naphthalene	ND	ug/kg	4.8	0.88	1		08/16/11 17:51	91-20-3	
Styrene	ND	ug/kg	4.8	0.46	1		08/16/11 17:51	100-42-5	
Tetrachloroethene	ND	ug/kg	4.8	0.61	1		08/16/11 17:51	127-18-4	
Toluene	ND	ug/kg	4.8	0.49	1		08/16/11 17:51	108-88-3	
Trichloroethene	ND	ug/kg	4.8	0.34	1		08/16/11 17:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	0.37	1		08/16/11 17:51	75-69-4	
Vinyl chloride	ND	ug/kg	4.8	0.45	1		08/16/11 17:51	75-01-4	
Xylene (Total)	ND	ug/kg	14.4	1.2	1		08/16/11 17:51	1330-20-7	
cis-1,2-Dichloroethene	1.2J	ug/kg	4.8	0.33	1		08/16/11 17:51	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	0.21	1		08/16/11 17:51	10061-01-5	
m&p-Xylene	ND	ug/kg	9.6	1.2	1		08/16/11 17:51	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.8	0.73	1		08/16/11 17:51	104-51-8	
n-Propylbenzene	ND	ug/kg	4.8	0.56	1		08/16/11 17:51	103-65-1	
o-Xylene	ND	ug/kg	4.8	0.52	1		08/16/11 17:51	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.8	0.62	1		08/16/11 17:51	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.8	0.67	1		08/16/11 17:51	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.8	0.41	1		08/16/11 17:51	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.8	0.55	1		08/16/11 17:51	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	0.48	1		08/16/11 17:51	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	0.34	1		08/16/11 17:51	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		72-129		1		08/16/11 17:51	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/16/11 17:51	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-142		1		08/16/11 17:51	460-00-4	
1,2-Dichloroethane-d4 (S)	99 %		67-136		1		08/16/11 17:51	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 40.0 % 0.10 0.10 1 08/14/11 16:47

Sample: SUP_SL_20 12-14 Lab ID: 258823005 Collected: 08/12/11 10:50 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	3.1	mg/kg	2.3	0.34	1	08/24/11 11:01	08/25/11 21:32	7440-38-2	
Cadmium	ND	mg/kg	1.2	0.013	1	08/24/11 11:01	08/25/11 21:32	7440-43-9	
Lead	2.6	mg/kg	1.2	0.073	1	08/24/11 11:01	08/25/11 21:32	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_20 12-14 Lab ID: 258823005 Collected: 08/12/11 10:50 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	431	136	1	08/16/11 11:00	08/17/11 20:38	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	47	%	26-135		1	08/16/11 11:00	08/17/11 20:38	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.15	1		08/15/11 20:34	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.2	0.19	1		08/15/11 20:34	71-55-6	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2	0.29	1		08/15/11 20:34	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.2	0.29	1		08/15/11 20:34	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.2	0.42	1		08/15/11 20:34	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.2	0.25	1		08/15/11 20:34	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.2	0.39	1		08/15/11 20:34	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.2	0.37	1		08/15/11 20:34	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.2	0.29	1		08/15/11 20:34	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.2	0.36	1		08/15/11 20:34	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.2	0.26	1		08/15/11 20:34	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.2	0.55	1		08/15/11 20:34	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	0.41	1		08/15/11 20:34	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.2	0.22	1		08/15/11 20:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.2	0.26	1		08/15/11 20:34	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.2	0.23	1		08/15/11 20:34	107-06-2	
1,2-Dichloroethene (Total)	0.53J	ug/kg	6.3	0.39	1		08/15/11 20:34	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.2	0.19	1		08/15/11 20:34	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.2	0.34	1		08/15/11 20:34	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.2	0.20	1		08/15/11 20:34	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.2	0.29	1		08/15/11 20:34	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.2	0.25	1		08/15/11 20:34	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.2	0.20	1		08/15/11 20:34	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.5	1.6	1		08/15/11 20:34	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.2	0.33	1		08/15/11 20:34	95-49-8	
2-Hexanone	ND	ug/kg	10.5	0.38	1		08/15/11 20:34	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.2	0.28	1		08/15/11 20:34	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.5	0.32	1		08/15/11 20:34	108-10-1	
Acetone	12.1	ug/kg	10.5	1.2	1		08/15/11 20:34	67-64-1	1n
Benzene	0.30J	ug/kg	3.2	0.16	1		08/15/11 20:34	71-43-2	
Bromobenzene	ND	ug/kg	3.2	0.25	1		08/15/11 20:34	108-86-1	
Bromochloromethane	ND	ug/kg	3.2	0.23	1		08/15/11 20:34	74-97-5	
Bromodichloromethane	ND	ug/kg	3.2	0.12	1		08/15/11 20:34	75-27-4	
Bromoform	ND	ug/kg	3.2	0.24	1		08/15/11 20:34	75-25-2	
Bromomethane	ND	ug/kg	3.2	0.33	1		08/15/11 20:34	74-83-9	
Carbon disulfide	3.1J	ug/kg	3.2	0.29	1		08/15/11 20:34	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	3.2	0.19	1		08/15/11 20:34	56-23-5	
Chlorobenzene	ND	ug/kg	3.2	0.19	1		08/15/11 20:34	108-90-7	
Chloroethane	ND	ug/kg	3.2	0.30	1		08/15/11 20:34	75-00-3	
Chloroform	ND	ug/kg	3.2	0.21	1		08/15/11 20:34	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_20 12-14 Lab ID: 258823005 Collected: 08/12/11 10:50 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	3.2	0.22	1		08/15/11 20:34	74-87-3	
Dibromochloromethane	ND	ug/kg	3.2	0.11	1		08/15/11 20:34	124-48-1	
Dibromomethane	ND	ug/kg	3.2	0.22	1		08/15/11 20:34	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.2	0.44	1		08/15/11 20:34	75-71-8	
Ethylbenzene	ND	ug/kg	3.2	0.40	1		08/15/11 20:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.2	0.31	1		08/15/11 20:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.2	0.37	1		08/15/11 20:34	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.2	0.26	1		08/15/11 20:34	1634-04-4	
Methylene chloride	ND	ug/kg	10.5	2.8	1		08/15/11 20:34	75-09-2	
Naphthalene	ND	ug/kg	3.2	0.58	1		08/15/11 20:34	91-20-3	
Styrene	ND	ug/kg	3.2	0.30	1		08/15/11 20:34	100-42-5	
Tetrachloroethene	ND	ug/kg	3.2	0.40	1		08/15/11 20:34	127-18-4	
Toluene	ND	ug/kg	3.2	0.33	1		08/15/11 20:34	108-88-3	
Trichloroethene	ND	ug/kg	3.2	0.22	1		08/15/11 20:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.2	0.24	1		08/15/11 20:34	75-69-4	
Vinyl chloride	ND	ug/kg	3.2	0.30	1		08/15/11 20:34	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	0.79	1		08/15/11 20:34	1330-20-7	
cis-1,2-Dichloroethene	0.53J	ug/kg	3.2	0.22	1		08/15/11 20:34	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.2	0.14	1		08/15/11 20:34	10061-01-5	
m&p-Xylene	ND	ug/kg	6.3	0.79	1		08/15/11 20:34	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.2	0.48	1		08/15/11 20:34	104-51-8	
n-Propylbenzene	ND	ug/kg	3.2	0.37	1		08/15/11 20:34	103-65-1	
o-Xylene	ND	ug/kg	3.2	0.34	1		08/15/11 20:34	95-47-6	
p-Isopropyltoluene	0.46J	ug/kg	3.2	0.41	1		08/15/11 20:34	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.2	0.44	1		08/15/11 20:34	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.2	0.27	1		08/15/11 20:34	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.2	0.36	1		08/15/11 20:34	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.2	0.32	1		08/15/11 20:34	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.2	0.22	1		08/15/11 20:34	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	72-129		1		08/15/11 20:34	1868-53-7	
Toluene-d8 (S)	102	%	69-133		1		08/15/11 20:34	2037-26-5	
4-Bromofluorobenzene (S)	105	%	67-142		1		08/15/11 20:34	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	67-136		1		08/15/11 20:34	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	24.6	%	0.10	0.10	1		08/14/11 16:48		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258823

Sample: SUP_SL_22 7-8 **Lab ID: 258823006** Collected: 08/12/11 11:30 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	755	239	1	08/16/11 11:00	08/17/11 21:46	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	65 %		26-135		1	08/16/11 11:00	08/17/11 21:46	118-79-6	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	57.6 %		0.10	0.10	1		08/14/11 16:48		

Sample: SUP_SL_22 8-10 **Lab ID: 258823007** Collected: 08/12/11 11:35 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	43.6	mg/kg	3.0	0.44	1	08/24/11 11:01	08/25/11 21:35	7440-38-2	
Cadmium	0.25J	mg/kg	1.5	0.016	1	08/24/11 11:01	08/25/11 21:35	7440-43-9	
Lead	23.7	mg/kg	1.5	0.094	1	08/24/11 11:01	08/25/11 21:35	7439-92-1	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	618	196	1	08/16/11 11:00	08/17/11 22:08	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	68 %		26-135		1	08/16/11 11:00	08/17/11 22:08	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.4	0.31	1		08/15/11 20:54	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.4	0.39	1		08/15/11 20:54	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	0.59	1		08/15/11 20:54	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.4	0.60	1		08/15/11 20:54	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.4	0.86	1		08/15/11 20:54	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.4	0.51	1		08/15/11 20:54	75-34-3	
1,1-Dichloroethene	ND	ug/kg	6.4	0.79	1		08/15/11 20:54	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	6.4	0.75	1		08/15/11 20:54	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	0.59	1		08/15/11 20:54	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	6.4	0.73	1		08/15/11 20:54	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	6.4	0.52	1		08/15/11 20:54	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	1.1	1		08/15/11 20:54	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.7	0.83	1		08/15/11 20:54	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	0.45	1		08/15/11 20:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.4	0.53	1		08/15/11 20:54	95-50-1	
1,2-Dichloroethane	ND	ug/kg	6.4	0.47	1		08/15/11 20:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	12.8	0.79	1		08/15/11 20:54	540-59-0	
1,2-Dichloropropane	ND	ug/kg	6.4	0.39	1		08/15/11 20:54	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	0.68	1		08/15/11 20:54	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	6.4	0.41	1		08/15/11 20:54	541-73-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_22 8-10 Lab ID: 258823007 Collected: 08/12/11 11:35 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,3-Dichloropropane	ND	ug/kg	6.4	0.59	1		08/15/11 20:54	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	6.4	0.51	1		08/15/11 20:54	106-46-7	
2,2-Dichloropropane	ND	ug/kg	6.4	0.40	1		08/15/11 20:54	594-20-7	
2-Butanone (MEK)	ND	ug/kg	21.4	3.2	1		08/15/11 20:54	78-93-3	
2-Chlorotoluene	ND	ug/kg	6.4	0.67	1		08/15/11 20:54	95-49-8	
2-Hexanone	ND	ug/kg	21.4	0.77	1		08/15/11 20:54	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.4	0.57	1		08/15/11 20:54	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.4	0.65	1		08/15/11 20:54	108-10-1	
Acetone	28.4	ug/kg	21.4	2.3	1		08/15/11 20:54	67-64-1	1n
Benzene	1.1J	ug/kg	6.4	0.32	1		08/15/11 20:54	71-43-2	
Bromobenzene	ND	ug/kg	6.4	0.50	1		08/15/11 20:54	108-86-1	
Bromochloromethane	ND	ug/kg	6.4	0.47	1		08/15/11 20:54	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	0.25	1		08/15/11 20:54	75-27-4	
Bromoform	ND	ug/kg	6.4	0.50	1		08/15/11 20:54	75-25-2	
Bromomethane	ND	ug/kg	6.4	0.68	1		08/15/11 20:54	74-83-9	
Carbon disulfide	7.9	ug/kg	6.4	0.60	1		08/15/11 20:54	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	6.4	0.39	1		08/15/11 20:54	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	0.39	1		08/15/11 20:54	108-90-7	
Chloroethane	ND	ug/kg	6.4	0.62	1		08/15/11 20:54	75-00-3	
Chloroform	ND	ug/kg	6.4	0.42	1		08/15/11 20:54	67-66-3	
Chloromethane	ND	ug/kg	6.4	0.44	1		08/15/11 20:54	74-87-3	
Dibromochloromethane	ND	ug/kg	6.4	0.22	1		08/15/11 20:54	124-48-1	
Dibromomethane	ND	ug/kg	6.4	0.45	1		08/15/11 20:54	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.4	0.89	1		08/15/11 20:54	75-71-8	
Ethylbenzene	ND	ug/kg	6.4	0.81	1		08/15/11 20:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.4	0.64	1		08/15/11 20:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	0.74	1		08/15/11 20:54	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.4	0.53	1		08/15/11 20:54	1634-04-4	
Methylene chloride	ND	ug/kg	21.4	5.6	1		08/15/11 20:54	75-09-2	
Naphthalene	ND	ug/kg	6.4	1.2	1		08/15/11 20:54	91-20-3	
Styrene	ND	ug/kg	6.4	0.61	1		08/15/11 20:54	100-42-5	
Tetrachloroethene	ND	ug/kg	6.4	0.82	1		08/15/11 20:54	127-18-4	
Toluene	0.96J	ug/kg	6.4	0.66	1		08/15/11 20:54	108-88-3	
Trichloroethene	ND	ug/kg	6.4	0.45	1		08/15/11 20:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	0.49	1		08/15/11 20:54	75-69-4	
Vinyl chloride	ND	ug/kg	6.4	0.60	1		08/15/11 20:54	75-01-4	
Xylene (Total)	2.8J	ug/kg	19.3	1.6	1		08/15/11 20:54	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	0.45	1		08/15/11 20:54	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	0.28	1		08/15/11 20:54	10061-01-5	
m&p-Xylene	ND	ug/kg	12.8	1.6	1		08/15/11 20:54	179601-23-1	
n-Butylbenzene	1.4J	ug/kg	6.4	0.98	1		08/15/11 20:54	104-51-8	
n-Propylbenzene	1.5J	ug/kg	6.4	0.75	1		08/15/11 20:54	103-65-1	B
o-Xylene	1.7J	ug/kg	6.4	0.70	1		08/15/11 20:54	95-47-6	
p-Isopropyltoluene	ND	ug/kg	6.4	0.82	1		08/15/11 20:54	99-87-6	
sec-Butylbenzene	ND	ug/kg	6.4	0.90	1		08/15/11 20:54	135-98-8	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258823

Sample: SUP_SL_22 8-10 **Lab ID: 258823007** Collected: 08/12/11 11:35 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	ug/kg	6.4	0.55	1		08/15/11 20:54	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.4	0.74	1		08/15/11 20:54	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	0.64	1		08/15/11 20:54	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	0.45	1		08/15/11 20:54	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103 %		72-129		1		08/15/11 20:54	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/15/11 20:54	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-142		1		08/15/11 20:54	460-00-4	
1,2-Dichloroethane-d4 (S)	99 %		67-136		1		08/15/11 20:54	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	47.2 %		0.10	0.10	1		08/14/11 16:49		

Sample: SUP_SL_22 10-12 **Lab ID: 258823008** Collected: 08/12/11 11:40 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	26.4	mg/kg	11.8	1.8	5	08/24/11 11:01	08/25/11 20:20	7440-38-2	
Cadmium	ND	mg/kg	5.9	0.065	5	08/24/11 11:01	08/25/11 20:20	7440-43-9	D3
Lead	11.4	mg/kg	1.2	0.074	1	08/24/11 11:01	08/25/11 21:39	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	501	159	1	08/16/11 11:00	08/17/11 22:31	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	56 %		26-135		1	08/16/11 11:00	08/17/11 22:31	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	0.22	1		08/15/11 21:14	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.5	0.27	1		08/15/11 21:14	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	0.41	1		08/15/11 21:14	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.5	0.41	1		08/15/11 21:14	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	0.60	1		08/15/11 21:14	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.5	0.35	1		08/15/11 21:14	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.5	0.55	1		08/15/11 21:14	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	4.5	0.52	1		08/15/11 21:14	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	0.41	1		08/15/11 21:14	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.5	0.51	1		08/15/11 21:14	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	0.36	1		08/15/11 21:14	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	0.77	1		08/15/11 21:14	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	0.58	1		08/15/11 21:14	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	0.31	1		08/15/11 21:14	106-93-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_22_10-12 Lab ID: 258823008 Collected: 08/12/11 11:40 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/kg	4.5	0.37	1		08/15/11 21:14	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.5	0.33	1		08/15/11 21:14	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.9	0.55	1		08/15/11 21:14	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.5	0.27	1		08/15/11 21:14	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	0.47	1		08/15/11 21:14	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.5	0.28	1		08/15/11 21:14	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.5	0.41	1		08/15/11 21:14	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.5	0.36	1		08/15/11 21:14	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.5	0.28	1		08/15/11 21:14	594-20-7	
2-Butanone (MEK)	9.4J	ug/kg	14.9	2.2	1		08/15/11 21:14	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.5	0.47	1		08/15/11 21:14	95-49-8	
2-Hexanone	ND	ug/kg	14.9	0.53	1		08/15/11 21:14	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.5	0.40	1		08/15/11 21:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.9	0.45	1		08/15/11 21:14	108-10-1	
Acetone	19.7	ug/kg	14.9	1.6	1		08/15/11 21:14	67-64-1	1n
Benzene	0.75J	ug/kg	4.5	0.22	1		08/15/11 21:14	71-43-2	
Bromobenzene	ND	ug/kg	4.5	0.35	1		08/15/11 21:14	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	0.33	1		08/15/11 21:14	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	0.18	1		08/15/11 21:14	75-27-4	
Bromoform	ND	ug/kg	4.5	0.34	1		08/15/11 21:14	75-25-2	
Bromomethane	ND	ug/kg	4.5	0.47	1		08/15/11 21:14	74-83-9	
Carbon disulfide	5.8	ug/kg	4.5	0.41	1		08/15/11 21:14	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	4.5	0.27	1		08/15/11 21:14	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	0.27	1		08/15/11 21:14	108-90-7	
Chloroethane	ND	ug/kg	4.5	0.43	1		08/15/11 21:14	75-00-3	
Chloroform	ND	ug/kg	4.5	0.29	1		08/15/11 21:14	67-66-3	
Chloromethane	ND	ug/kg	4.5	0.31	1		08/15/11 21:14	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	0.15	1		08/15/11 21:14	124-48-1	
Dibromomethane	ND	ug/kg	4.5	0.31	1		08/15/11 21:14	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.5	0.62	1		08/15/11 21:14	75-71-8	
Ethylbenzene	ND	ug/kg	4.5	0.56	1		08/15/11 21:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	0.44	1		08/15/11 21:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	0.52	1		08/15/11 21:14	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	0.37	1		08/15/11 21:14	1634-04-4	
Methylene chloride	ND	ug/kg	14.9	3.9	1		08/15/11 21:14	75-09-2	
Naphthalene	ND	ug/kg	4.5	0.82	1		08/15/11 21:14	91-20-3	
Styrene	ND	ug/kg	4.5	0.43	1		08/15/11 21:14	100-42-5	
Tetrachloroethene	ND	ug/kg	4.5	0.57	1		08/15/11 21:14	127-18-4	
Toluene	0.70J	ug/kg	4.5	0.46	1		08/15/11 21:14	108-88-3	
Trichloroethene	ND	ug/kg	4.5	0.31	1		08/15/11 21:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	0.34	1		08/15/11 21:14	75-69-4	
Vinyl chloride	ND	ug/kg	4.5	0.42	1		08/15/11 21:14	75-01-4	
Xylene (Total)	ND	ug/kg	13.4	1.1	1		08/15/11 21:14	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	0.31	1		08/15/11 21:14	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	0.19	1		08/15/11 21:14	10061-01-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258823

Sample: SUP_SL_22 10-12 **Lab ID:** 258823008 Collected: 08/12/11 11:40 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
m&p-Xylene	ND	ug/kg	8.9	1.1	1		08/15/11 21:14	179601-23-1	
n-Butylbenzene	0.99J	ug/kg	4.5	0.68	1		08/15/11 21:14	104-51-8	
n-Propylbenzene	ND	ug/kg	4.5	0.52	1		08/15/11 21:14	103-65-1	
o-Xylene	ND	ug/kg	4.5	0.48	1		08/15/11 21:14	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.5	0.57	1		08/15/11 21:14	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.5	0.62	1		08/15/11 21:14	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.5	0.39	1		08/15/11 21:14	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.5	0.51	1		08/15/11 21:14	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	0.45	1		08/15/11 21:14	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	0.31	1		08/15/11 21:14	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		72-129		1		08/15/11 21:14	1868-53-7	
Toluene-d8 (S)	100 %		69-133		1		08/15/11 21:14	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-142		1		08/15/11 21:14	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		67-136		1		08/15/11 21:14	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	34.4 %		0.10	0.10	1		08/14/11 16:50		

Sample: SUP_SL_22 12-14 **Lab ID:** 258823009 Collected: 08/12/11 11:45 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.5	mg/kg	2.3	0.34	1	08/24/11 11:01	08/25/11 21:43	7440-38-2	
Cadmium	ND	mg/kg	1.1	0.012	1	08/24/11 11:01	08/25/11 21:43	7440-43-9	
Lead	2.6	mg/kg	1.1	0.072	1	08/24/11 11:01	08/25/11 21:43	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	435	138	1	08/16/11 11:00	08/17/11 22:53	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	57 %		26-135		1	08/16/11 11:00	08/17/11 22:53	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	0.17	1		08/15/11 21:35	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	0.21	1		08/15/11 21:35	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	0.32	1		08/15/11 21:35	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	0.33	1		08/15/11 21:35	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	0.47	1		08/15/11 21:35	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	0.28	1		08/15/11 21:35	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	0.43	1		08/15/11 21:35	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.5	0.41	1		08/15/11 21:35	563-58-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_22_12-14 Lab ID: 258823009 Collected: 08/12/11 11:45 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	0.33	1		08/15/11 21:35	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	0.40	1		08/15/11 21:35	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	0.28	1		08/15/11 21:35	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	0.61	1		08/15/11 21:35	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	0.46	1		08/15/11 21:35	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	0.25	1		08/15/11 21:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	0.29	1		08/15/11 21:35	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	0.26	1		08/15/11 21:35	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.0	0.43	1		08/15/11 21:35	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	0.21	1		08/15/11 21:35	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	0.37	1		08/15/11 21:35	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	0.22	1		08/15/11 21:35	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	0.32	1		08/15/11 21:35	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	0.28	1		08/15/11 21:35	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	0.22	1		08/15/11 21:35	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.7	1.8	1		08/15/11 21:35	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	0.37	1		08/15/11 21:35	95-49-8	
2-Hexanone	ND	ug/kg	11.7	0.42	1		08/15/11 21:35	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	0.31	1		08/15/11 21:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.7	0.36	1		08/15/11 21:35	108-10-1	
Acetone	19.5	ug/kg	11.7	1.3	1		08/15/11 21:35	67-64-1	1n
Benzene	0.50J	ug/kg	3.5	0.18	1		08/15/11 21:35	71-43-2	
Bromobenzene	ND	ug/kg	3.5	0.27	1		08/15/11 21:35	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	0.26	1		08/15/11 21:35	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	0.14	1		08/15/11 21:35	75-27-4	
Bromoform	ND	ug/kg	3.5	0.27	1		08/15/11 21:35	75-25-2	
Bromomethane	ND	ug/kg	3.5	0.37	1		08/15/11 21:35	74-83-9	
Carbon disulfide	3.7	ug/kg	3.5	0.33	1		08/15/11 21:35	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	3.5	0.21	1		08/15/11 21:35	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	0.21	1		08/15/11 21:35	108-90-7	
Chloroethane	ND	ug/kg	3.5	0.34	1		08/15/11 21:35	75-00-3	
Chloroform	ND	ug/kg	3.5	0.23	1		08/15/11 21:35	67-66-3	
Chloromethane	ND	ug/kg	3.5	0.24	1		08/15/11 21:35	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	0.12	1		08/15/11 21:35	124-48-1	
Dibromomethane	ND	ug/kg	3.5	0.24	1		08/15/11 21:35	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	0.49	1		08/15/11 21:35	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	0.44	1		08/15/11 21:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	0.35	1		08/15/11 21:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	0.41	1		08/15/11 21:35	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	0.29	1		08/15/11 21:35	1634-04-4	
Methylene chloride	ND	ug/kg	11.7	3.1	1		08/15/11 21:35	75-09-2	
Naphthalene	ND	ug/kg	3.5	0.64	1		08/15/11 21:35	91-20-3	
Styrene	ND	ug/kg	3.5	0.34	1		08/15/11 21:35	100-42-5	
Tetrachloroethene	ND	ug/kg	3.5	0.45	1		08/15/11 21:35	127-18-4	
Toluene	0.67J	ug/kg	3.5	0.36	1		08/15/11 21:35	108-88-3	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258823

Sample: SUP_SL_22 12-14 Lab ID: 258823009 Collected: 08/12/11 11:45 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Trichloroethene	ND	ug/kg	3.5	0.25	1		08/15/11 21:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	0.27	1		08/15/11 21:35	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	0.33	1		08/15/11 21:35	75-01-4	
Xylene (Total)	ND	ug/kg	10.5	0.88	1		08/15/11 21:35	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.5	0.24	1		08/15/11 21:35	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	0.15	1		08/15/11 21:35	10061-01-5	
m&p-Xylene	ND	ug/kg	7.0	0.88	1		08/15/11 21:35	179601-23-1	
n-Butylbenzene	0.77J	ug/kg	3.5	0.54	1		08/15/11 21:35	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	0.41	1		08/15/11 21:35	103-65-1	
o-Xylene	ND	ug/kg	3.5	0.38	1		08/15/11 21:35	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.5	0.45	1		08/15/11 21:35	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	0.49	1		08/15/11 21:35	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	0.30	1		08/15/11 21:35	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	0.40	1		08/15/11 21:35	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	0.35	1		08/15/11 21:35	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	0.25	1		08/15/11 21:35	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	97 %		72-129		1		08/15/11 21:35	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/15/11 21:35	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/15/11 21:35	460-00-4	
1,2-Dichloroethane-d4 (S)	94 %		67-136		1		08/15/11 21:35	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	24.7 %		0.10	0.10	1		08/14/11 16:51		

Sample: Trip Blank #16 Lab ID: 258823010 Collected: 08/12/11 12:00 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/15/11 15:46	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/15/11 15:46	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/15/11 15:46	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/15/11 15:46	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/15/11 15:46	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/15/11 15:46	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/15/11 15:46	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/15/11 15:46	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/15/11 15:46	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/15/11 15:46	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/15/11 15:46	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/15/11 15:46	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: Trip Blank #16 Lab ID: 258823010 Collected: 08/12/11 12:00 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/15/11 15:46	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/15/11 15:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/15/11 15:46	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/15/11 15:46	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/15/11 15:46	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/15/11 15:46	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/15/11 15:46	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/15/11 15:46	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/15/11 15:46	142-28-9	
1,4-Dichlorobenzene	0.24J	ug/kg	3.0	0.24	1		08/15/11 15:46	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/15/11 15:46	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/15/11 15:46	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/15/11 15:46	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/15/11 15:46	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/15/11 15:46	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/15/11 15:46	108-10-1	
Acetone	1.3J	ug/kg	10.0	1.1	1		08/15/11 15:46	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		08/15/11 15:46	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/15/11 15:46	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/15/11 15:46	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/15/11 15:46	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/15/11 15:46	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/15/11 15:46	74-83-9	
Carbon disulfide	0.36J	ug/kg	3.0	0.28	1		08/15/11 15:46	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/15/11 15:46	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/15/11 15:46	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/15/11 15:46	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/15/11 15:46	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/15/11 15:46	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/15/11 15:46	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/15/11 15:46	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/15/11 15:46	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/15/11 15:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/15/11 15:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/15/11 15:46	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/15/11 15:46	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	2.6	1		08/15/11 15:46	75-09-2	B
Naphthalene	0.55J	ug/kg	3.0	0.55	1		08/15/11 15:46	91-20-3	B
Styrene	ND	ug/kg	3.0	0.29	1		08/15/11 15:46	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/15/11 15:46	127-18-4	
Toluene	0.81J	ug/kg	3.0	0.31	1		08/15/11 15:46	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/15/11 15:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/15/11 15:46	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/15/11 15:46	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/15/11 15:46	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258823

Sample: Trip Blank #16 **Lab ID: 258823010** Collected: 08/12/11 12:00 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/15/11 15:46	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/15/11 15:46	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/15/11 15:46	179601-23-1	
n-Butylbenzene	0.72J	ug/kg	3.0	0.46	1		08/15/11 15:46	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/15/11 15:46	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/15/11 15:46	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/15/11 15:46	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/15/11 15:46	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/15/11 15:46	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/15/11 15:46	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/15/11 15:46	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/15/11 15:46	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		72-129		1		08/15/11 15:46	1868-53-7	
Toluene-d8 (S)	105 %		69-133		1		08/15/11 15:46	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/15/11 15:46	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		67-136		1		08/15/11 15:46	17060-07-0	

Sample: SUP_SL_23 6-7 **Lab ID: 258823011** Collected: 08/12/11 12:25 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1530	484	1	08/16/11 11:00	08/17/11 23:16	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	69 %		26-135		1	08/16/11 11:00	08/17/11 23:16	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	78.7	%	0.10	0.10	1		08/14/11 16:51		

Sample: SUP_SL_23 7-8 **Lab ID: 258823012** Collected: 08/12/11 12:30 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1660	526	1	08/16/11 11:00	08/17/11 23:39	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	82 %		26-135		1	08/16/11 11:00	08/17/11 23:39	118-79-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258823

Sample: SUP_SL_23 7-8 **Lab ID: 258823012** Collected: 08/12/11 12:30 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	80.5	%	0.10	0.10	1		08/14/11 16:52		

Sample: SUP_SL_23 8-10 **Lab ID: 258823013** Collected: 08/12/11 12:50 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	491	mg/kg	4.3	0.63	1	08/24/11 11:01	08/25/11 21:46	7440-38-2	
Cadmium	2.9	mg/kg	2.1	0.023	1	08/24/11 11:01	08/25/11 21:46	7440-43-9	
Lead	45.4	mg/kg	2.1	0.13	1	08/24/11 11:01	08/25/11 21:46	7439-92-1	
8270 MSSV Semivolatiles Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	747	237	1	08/16/11 11:00	08/18/11 00:01	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80	%	26-135		1	08/16/11 11:00	08/18/11 00:01	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.2	0.40	1		08/15/11 21:56	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	8.2	0.50	1		08/15/11 21:56	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.2	0.76	1		08/15/11 21:56	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	8.2	0.76	1		08/15/11 21:56	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	8.2	1.1	1		08/15/11 21:56	76-13-1	
1,1-Dichloroethane	ND	ug/kg	8.2	0.65	1		08/15/11 21:56	75-34-3	
1,1-Dichloroethene	ND	ug/kg	8.2	1.0	1		08/15/11 21:56	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	8.2	0.96	1		08/15/11 21:56	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	8.2	0.76	1		08/15/11 21:56	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	8.2	0.94	1		08/15/11 21:56	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	8.2	0.67	1		08/15/11 21:56	120-82-1	
1,2,4-Trimethylbenzene	1.7J	ug/kg	8.2	1.4	1		08/15/11 21:56	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.7	1.1	1		08/15/11 21:56	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.2	0.58	1		08/15/11 21:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	8.2	0.68	1		08/15/11 21:56	95-50-1	
1,2-Dichloroethane	ND	ug/kg	8.2	0.61	1		08/15/11 21:56	107-06-2	
1,2-Dichloroethene (Total)	5.8J	ug/kg	16.5	1.0	1		08/15/11 21:56	540-59-0	
1,2-Dichloropropane	ND	ug/kg	8.2	0.50	1		08/15/11 21:56	78-87-5	
1,3,5-Trimethylbenzene	0.91J	ug/kg	8.2	0.88	1		08/15/11 21:56	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	8.2	0.52	1		08/15/11 21:56	541-73-1	
1,3-Dichloropropane	ND	ug/kg	8.2	0.76	1		08/15/11 21:56	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	8.2	0.66	1		08/15/11 21:56	106-46-7	
2,2-Dichloropropane	ND	ug/kg	8.2	0.51	1		08/15/11 21:56	594-20-7	
2-Butanone (MEK)	62.1	ug/kg	27.5	4.2	1		08/15/11 21:56	78-93-3	
2-Chlorotoluene	ND	ug/kg	8.2	0.86	1		08/15/11 21:56	95-49-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_23 8-10 Lab ID: 258823013 Collected: 08/12/11 12:50 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2-Hexanone	ND	ug/kg	27.5	0.99	1		08/15/11 21:56	591-78-6	
4-Chlorotoluene	ND	ug/kg	8.2	0.73	1		08/15/11 21:56	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.5	0.84	1		08/15/11 21:56	108-10-1	
Acetone	149	ug/kg	27.5	3.0	1		08/15/11 21:56	67-64-1	1n
Benzene	1.9J	ug/kg	8.2	0.41	1		08/15/11 21:56	71-43-2	
Bromobenzene	ND	ug/kg	8.2	0.64	1		08/15/11 21:56	108-86-1	
Bromochloromethane	ND	ug/kg	8.2	0.61	1		08/15/11 21:56	74-97-5	
Bromodichloromethane	ND	ug/kg	8.2	0.32	1		08/15/11 21:56	75-27-4	
Bromoform	ND	ug/kg	8.2	0.64	1		08/15/11 21:56	75-25-2	
Bromomethane	ND	ug/kg	8.2	0.87	1		08/15/11 21:56	74-83-9	
Carbon disulfide	31.2	ug/kg	8.2	0.77	1		08/15/11 21:56	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	8.2	0.50	1		08/15/11 21:56	56-23-5	
Chlorobenzene	ND	ug/kg	8.2	0.50	1		08/15/11 21:56	108-90-7	
Chloroethane	ND	ug/kg	8.2	0.79	1		08/15/11 21:56	75-00-3	
Chloroform	ND	ug/kg	8.2	0.53	1		08/15/11 21:56	67-66-3	
Chloromethane	ND	ug/kg	8.2	0.57	1		08/15/11 21:56	74-87-3	
Dibromochloromethane	ND	ug/kg	8.2	0.28	1		08/15/11 21:56	124-48-1	
Dibromomethane	ND	ug/kg	8.2	0.57	1		08/15/11 21:56	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	8.2	1.1	1		08/15/11 21:56	75-71-8	
Ethylbenzene	ND	ug/kg	8.2	1.0	1		08/15/11 21:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.2	0.82	1		08/15/11 21:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	8.2	0.95	1		08/15/11 21:56	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	8.2	0.69	1		08/15/11 21:56	1634-04-4	
Methylene chloride	ND	ug/kg	27.5	7.2	1		08/15/11 21:56	75-09-2	
Naphthalene	ND	ug/kg	8.2	1.5	1		08/15/11 21:56	91-20-3	
Styrene	ND	ug/kg	8.2	0.79	1		08/15/11 21:56	100-42-5	
Tetrachloroethene	ND	ug/kg	8.2	1.1	1		08/15/11 21:56	127-18-4	
Toluene	2.8J	ug/kg	8.2	0.85	1		08/15/11 21:56	108-88-3	
Trichloroethene	ND	ug/kg	8.2	0.58	1		08/15/11 21:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.2	0.63	1		08/15/11 21:56	75-69-4	
Vinyl chloride	ND	ug/kg	8.2	0.77	1		08/15/11 21:56	75-01-4	
Xylene (Total)	4.3J	ug/kg	24.7	2.1	1		08/15/11 21:56	1330-20-7	
cis-1,2-Dichloroethene	3.0J	ug/kg	8.2	0.57	1		08/15/11 21:56	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	8.2	0.36	1		08/15/11 21:56	10061-01-5	
m&p-Xylene	2.5J	ug/kg	16.5	2.1	1		08/15/11 21:56	179601-23-1	
n-Butylbenzene	ND	ug/kg	8.2	1.3	1		08/15/11 21:56	104-51-8	
n-Propylbenzene	ND	ug/kg	8.2	0.97	1		08/15/11 21:56	103-65-1	
o-Xylene	1.7J	ug/kg	8.2	0.89	1		08/15/11 21:56	95-47-6	
p-Isopropyltoluene	1.3J	ug/kg	8.2	1.1	1		08/15/11 21:56	99-87-6	
sec-Butylbenzene	ND	ug/kg	8.2	1.1	1		08/15/11 21:56	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	8.2	0.71	1		08/15/11 21:56	994-05-8	
tert-Butylbenzene	ND	ug/kg	8.2	0.95	1		08/15/11 21:56	98-06-6	
trans-1,2-Dichloroethene	2.9J	ug/kg	8.2	0.82	1		08/15/11 21:56	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.2	0.58	1		08/15/11 21:56	10061-02-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_23 8-10 **Lab ID: 258823013** Collected: 08/12/11 12:50 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
Dibromofluoromethane (S)	102 %		72-129		1		08/15/11 21:56	1868-53-7	
Toluene-d8 (S)	102 %		69-133		1		08/15/11 21:56	2037-26-5	
4-Bromofluorobenzene (S)	112 %		67-142		1		08/15/11 21:56	460-00-4	
1,2-Dichloroethane-d4 (S)	96 %		67-136		1		08/15/11 21:56	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	56.0 %		0.10	0.10	1		08/14/11 16:53		

Sample: SUP_SL_23 10-12 **Lab ID: 258823014** Collected: 08/12/11 13:00 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	107 mg/kg		2.6	0.39	1	08/24/11 11:01	08/25/11 21:50	7440-38-2	
Cadmium	0.63J mg/kg		1.3	0.015	1	08/24/11 11:01	08/25/11 21:50	7440-43-9	
Lead	10.6 mg/kg		1.3	0.083	1	08/24/11 11:01	08/25/11 21:50	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	497	157	1	08/16/11 11:00	08/18/11 00:24	87-86-5	
<i>Surrogates</i>									
2,4,6-Tribromophenol (S)	72 %		26-135		1	08/16/11 11:00	08/18/11 00:24	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	0.25	1		08/15/11 22:16	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.1	0.31	1		08/15/11 22:16	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	0.47	1		08/15/11 22:16	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.1	0.47	1		08/15/11 22:16	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.1	0.69	1		08/15/11 22:16	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.1	0.40	1		08/15/11 22:16	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.1	0.63	1		08/15/11 22:16	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	5.1	0.59	1		08/15/11 22:16	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	0.47	1		08/15/11 22:16	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.1	0.58	1		08/15/11 22:16	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	0.41	1		08/15/11 22:16	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	0.88	1		08/15/11 22:16	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.5	0.66	1		08/15/11 22:16	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	0.36	1		08/15/11 22:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.1	0.42	1		08/15/11 22:16	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.1	0.38	1		08/15/11 22:16	107-06-2	
1,2-Dichloroethene (Total)	0.88J	ug/kg	10.2	0.63	1		08/15/11 22:16	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.1	0.31	1		08/15/11 22:16	78-87-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_23 10-12 Lab ID: 258823014 Collected: 08/12/11 13:00 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	0.54	1		08/15/11 22:16	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.1	0.32	1		08/15/11 22:16	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.1	0.47	1		08/15/11 22:16	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.1	0.41	1		08/15/11 22:16	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.1	0.32	1		08/15/11 22:16	594-20-7	
2-Butanone (MEK)	14.2J	ug/kg	17.0	2.6	1		08/15/11 22:16	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.1	0.53	1		08/15/11 22:16	95-49-8	
2-Hexanone	ND	ug/kg	17.0	0.61	1		08/15/11 22:16	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.1	0.45	1		08/15/11 22:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.0	0.52	1		08/15/11 22:16	108-10-1	
Acetone	31.8	ug/kg	17.0	1.9	1		08/15/11 22:16	67-64-1	1n
Benzene	0.38J	ug/kg	5.1	0.26	1		08/15/11 22:16	71-43-2	
Bromobenzene	ND	ug/kg	5.1	0.40	1		08/15/11 22:16	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	0.38	1		08/15/11 22:16	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	0.20	1		08/15/11 22:16	75-27-4	
Bromoform	ND	ug/kg	5.1	0.39	1		08/15/11 22:16	75-25-2	
Bromomethane	ND	ug/kg	5.1	0.54	1		08/15/11 22:16	74-83-9	
Carbon disulfide	5.0J	ug/kg	5.1	0.47	1		08/15/11 22:16	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	5.1	0.31	1		08/15/11 22:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	0.31	1		08/15/11 22:16	108-90-7	
Chloroethane	ND	ug/kg	5.1	0.49	1		08/15/11 22:16	75-00-3	
Chloroform	ND	ug/kg	5.1	0.33	1		08/15/11 22:16	67-66-3	
Chloromethane	ND	ug/kg	5.1	0.35	1		08/15/11 22:16	74-87-3	
Dibromochloromethane	ND	ug/kg	5.1	0.17	1		08/15/11 22:16	124-48-1	
Dibromomethane	ND	ug/kg	5.1	0.35	1		08/15/11 22:16	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.1	0.71	1		08/15/11 22:16	75-71-8	
Ethylbenzene	ND	ug/kg	5.1	0.64	1		08/15/11 22:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	0.51	1		08/15/11 22:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	0.59	1		08/15/11 22:16	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.1	0.42	1		08/15/11 22:16	1634-04-4	
Methylene chloride	ND	ug/kg	17.0	4.5	1		08/15/11 22:16	75-09-2	
Naphthalene	ND	ug/kg	5.1	0.93	1		08/15/11 22:16	91-20-3	
Styrene	ND	ug/kg	5.1	0.49	1		08/15/11 22:16	100-42-5	
Tetrachloroethene	ND	ug/kg	5.1	0.65	1		08/15/11 22:16	127-18-4	
Toluene	ND	ug/kg	5.1	0.52	1		08/15/11 22:16	108-88-3	
Trichloroethene	ND	ug/kg	5.1	0.36	1		08/15/11 22:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	0.39	1		08/15/11 22:16	75-69-4	
Vinyl chloride	ND	ug/kg	5.1	0.48	1		08/15/11 22:16	75-01-4	
Xylene (Total)	ND	ug/kg	15.3	1.3	1		08/15/11 22:16	1330-20-7	
cis-1,2-Dichloroethene	0.88J	ug/kg	5.1	0.36	1		08/15/11 22:16	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	0.22	1		08/15/11 22:16	10061-01-5	
m&p-Xylene	ND	ug/kg	10.2	1.3	1		08/15/11 22:16	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.1	0.78	1		08/15/11 22:16	104-51-8	
n-Propylbenzene	ND	ug/kg	5.1	0.60	1		08/15/11 22:16	103-65-1	
o-Xylene	ND	ug/kg	5.1	0.55	1		08/15/11 22:16	95-47-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_23 10-12 **Lab ID:** 258823014 Collected: 08/12/11 13:00 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/kg	5.1	0.65	1		08/15/11 22:16	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.1	0.71	1		08/15/11 22:16	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.1	0.44	1		08/15/11 22:16	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.1	0.59	1		08/15/11 22:16	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	0.51	1		08/15/11 22:16	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	0.36	1		08/15/11 22:16	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		72-129		1		08/15/11 22:16	1868-53-7	
Toluene-d8 (S)	100 %		69-133		1		08/15/11 22:16	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-142		1		08/15/11 22:16	460-00-4	
1,2-Dichloroethane-d4 (S)	97 %		67-136		1		08/15/11 22:16	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	33.8 %		0.10	0.10	1		08/14/11 16:53		

Sample: SUP_SL_23 12-14 **Lab ID:** 258823015 Collected: 08/12/11 13:05 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	14.9	mg/kg	2.4	0.36	1	08/24/11 11:01	08/25/11 22:01	7440-38-2	
Cadmium	ND	mg/kg	1.2	0.013	1	08/24/11 11:01	08/25/11 22:01	7440-43-9	
Lead	2.5	mg/kg	1.2	0.077	1	08/24/11 11:01	08/25/11 22:01	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	441	140	1	08/16/11 11:00	08/18/11 00:46	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	76 %		26-135		1	08/16/11 11:00	08/18/11 00:46	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.16	1		08/16/11 18:12	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.20	1		08/16/11 18:12	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.31	1		08/16/11 18:12	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.31	1		08/16/11 18:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.45	1		08/16/11 18:12	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.26	1		08/16/11 18:12	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.41	1		08/16/11 18:12	75-35-4	L3
1,1-Dichloropropene	ND	ug/kg	3.4	0.39	1		08/16/11 18:12	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.31	1		08/16/11 18:12	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.38	1		08/16/11 18:12	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.27	1		08/16/11 18:12	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.58	1		08/16/11 18:12	95-63-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_23 12-14 Lab ID: 258823015 Collected: 08/12/11 13:05 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	0.44	1		08/16/11 18:12	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/16/11 18:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/16/11 18:12	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/16/11 18:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.7	0.41	1		08/16/11 18:12	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.20	1		08/16/11 18:12	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/16/11 18:12	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.21	1		08/16/11 18:12	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.31	1		08/16/11 18:12	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/16/11 18:12	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/16/11 18:12	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.2	1.7	1		08/16/11 18:12	78-93-3	L3
2-Chlorotoluene	ND	ug/kg	3.4	0.35	1		08/16/11 18:12	95-49-8	
2-Hexanone	ND	ug/kg	11.2	0.40	1		08/16/11 18:12	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/16/11 18:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.2	0.34	1		08/16/11 18:12	108-10-1	
Acetone	17.1	ug/kg	11.2	1.2	1		08/16/11 18:12	67-64-1	1n,B,L1
Benzene	0.23J	ug/kg	3.4	0.17	1		08/16/11 18:12	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.26	1		08/16/11 18:12	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/16/11 18:12	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/16/11 18:12	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/16/11 18:12	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.35	1		08/16/11 18:12	74-83-9	
Carbon disulfide	1.6J	ug/kg	3.4	0.31	1		08/16/11 18:12	75-15-0	L1
Carbon tetrachloride	ND	ug/kg	3.4	0.20	1		08/16/11 18:12	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.20	1		08/16/11 18:12	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.32	1		08/16/11 18:12	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/16/11 18:12	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		08/16/11 18:12	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		08/16/11 18:12	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.23	1		08/16/11 18:12	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.46	1		08/16/11 18:12	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.42	1		08/16/11 18:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.33	1		08/16/11 18:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		08/16/11 18:12	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		08/16/11 18:12	1634-04-4	
Methylene chloride	ND	ug/kg	11.2	2.9	1		08/16/11 18:12	75-09-2	L3
Naphthalene	ND	ug/kg	3.4	0.61	1		08/16/11 18:12	91-20-3	
Styrene	ND	ug/kg	3.4	0.32	1		08/16/11 18:12	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		08/16/11 18:12	127-18-4	
Toluene	ND	ug/kg	3.4	0.34	1		08/16/11 18:12	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.23	1		08/16/11 18:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/16/11 18:12	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.31	1		08/16/11 18:12	75-01-4	
Xylene (Total)	ND	ug/kg	10.1	0.84	1		08/16/11 18:12	1330-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258823

Sample: SUP_SL_23 12-14 **Lab ID:** 258823015 Collected: 08/12/11 13:05 Received: 08/12/11 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.23	1		08/16/11 18:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/16/11 18:12	10061-01-5	
m&p-Xylene	ND	ug/kg	6.7	0.84	1		08/16/11 18:12	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.51	1		08/16/11 18:12	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.39	1		08/16/11 18:12	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.36	1		08/16/11 18:12	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.43	1		08/16/11 18:12	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.47	1		08/16/11 18:12	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		08/16/11 18:12	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/16/11 18:12	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.33	1		08/16/11 18:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.23	1		08/16/11 18:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		72-129		1		08/16/11 18:12	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/16/11 18:12	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/16/11 18:12	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		67-136		1		08/16/11 18:12	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.4 %		0.10	0.10	1		08/14/11 16:54		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258823

QC Batch: MPRP/2432 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 258823003, 258823004, 258823005, 258823007, 258823008, 258823009, 258823013, 258823014, 258823015

METHOD BLANK: 83198 Matrix: Solid
Associated Lab Samples: 258823003, 258823004, 258823005, 258823007, 258823008, 258823009, 258823013, 258823014, 258823015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/25/11 19:52	
Cadmium	mg/kg	ND	1.0	08/25/11 19:52	
Lead	mg/kg	ND	1.0	08/25/11 19:52	

LABORATORY CONTROL SAMPLE: 83199

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.2	97	80-120	
Cadmium	mg/kg	25	24.5	98	80-120	
Lead	mg/kg	25	24.7	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83200 83201

Parameter	Units	258823003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	58.9	46.8	46.6	105	99.3	99	87	75-125	6	20	
Cadmium	mg/kg	0.27J	46.8	46.6	48.3	46.0	102	98	75-125	5	20	
Lead	mg/kg	6.2	46.8	46.6	51.5	51.0	97	96	75-125	.8	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258823

QC Batch: MSV/5129 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258823003, 258823005, 258823007, 258823008, 258823009, 258823010, 258823013, 258823014

METHOD BLANK: 81952 Matrix: Solid
Associated Lab Samples: 258823003, 258823005, 258823007, 258823008, 258823009, 258823010, 258823013, 258823014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1-Dichloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,1-Dichloroethene	ug/kg	ND	3.0	08/15/11 14:58	
1,1-Dichloropropene	ug/kg	ND	3.0	08/15/11 14:58	
1,2,3-Trichlorobenzene	ug/kg	0.46J	3.0	08/15/11 14:58	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/15/11 14:58	
1,2,4-Trichlorobenzene	ug/kg	0.38J	3.0	08/15/11 14:58	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/15/11 14:58	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/15/11 14:58	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/15/11 14:58	
1,2-Dichloroethane	ug/kg	ND	3.0	08/15/11 14:58	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/15/11 14:58	
1,2-Dichloropropane	ug/kg	ND	3.0	08/15/11 14:58	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/15/11 14:58	
1,3-Dichloropropane	ug/kg	ND	3.0	08/15/11 14:58	
1,4-Dichlorobenzene	ug/kg	0.28J	3.0	08/15/11 14:58	
2,2-Dichloropropane	ug/kg	ND	3.0	08/15/11 14:58	
2-Butanone (MEK)	ug/kg	ND	10.0	08/15/11 14:58	
2-Chlorotoluene	ug/kg	ND	3.0	08/15/11 14:58	
2-Hexanone	ug/kg	ND	10.0	08/15/11 14:58	
4-Chlorotoluene	ug/kg	ND	3.0	08/15/11 14:58	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/15/11 14:58	
Acetone	ug/kg	ND	10.0	08/15/11 14:58	
Benzene	ug/kg	ND	3.0	08/15/11 14:58	
Bromobenzene	ug/kg	ND	3.0	08/15/11 14:58	
Bromochloromethane	ug/kg	ND	3.0	08/15/11 14:58	
Bromodichloromethane	ug/kg	ND	3.0	08/15/11 14:58	
Bromoform	ug/kg	ND	3.0	08/15/11 14:58	
Bromomethane	ug/kg	ND	3.0	08/15/11 14:58	
Carbon disulfide	ug/kg	ND	3.0	08/15/11 14:58	
Carbon tetrachloride	ug/kg	ND	3.0	08/15/11 14:58	
Chlorobenzene	ug/kg	ND	3.0	08/15/11 14:58	
Chloroethane	ug/kg	ND	3.0	08/15/11 14:58	
Chloroform	ug/kg	0.41J	3.0	08/15/11 14:58	
Chloromethane	ug/kg	ND	3.0	08/15/11 14:58	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/15/11 14:58	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/15/11 14:58	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258823

METHOD BLANK: 81952

Matrix: Solid

Associated Lab Samples: 258823003, 258823005, 258823007, 258823008, 258823009, 258823010, 258823013, 258823014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/15/11 14:58	
Dibromomethane	ug/kg	ND	3.0	08/15/11 14:58	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/15/11 14:58	
Ethylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/15/11 14:58	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/15/11 14:58	
m&p-Xylene	ug/kg	ND	6.0	08/15/11 14:58	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/15/11 14:58	
Methylene chloride	ug/kg	3.3J	10.0	08/15/11 14:58	
n-Butylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
n-Propylbenzene	ug/kg	0.77J	3.0	08/15/11 14:58	
Naphthalene	ug/kg	0.94J	3.0	08/15/11 14:58	
o-Xylene	ug/kg	ND	3.0	08/15/11 14:58	
p-Isopropyltoluene	ug/kg	ND	3.0	08/15/11 14:58	
sec-Butylbenzene	ug/kg	0.64J	3.0	08/15/11 14:58	
Styrene	ug/kg	ND	3.0	08/15/11 14:58	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/15/11 14:58	
tert-Butylbenzene	ug/kg	ND	3.0	08/15/11 14:58	
Tetrachloroethene	ug/kg	ND	3.0	08/15/11 14:58	
Toluene	ug/kg	ND	3.0	08/15/11 14:58	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/15/11 14:58	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/15/11 14:58	
Trichloroethene	ug/kg	ND	3.0	08/15/11 14:58	
Trichlorofluoromethane	ug/kg	ND	3.0	08/15/11 14:58	
Vinyl chloride	ug/kg	ND	3.0	08/15/11 14:58	
Xylene (Total)	ug/kg	ND	9.0	08/15/11 14:58	
1,2-Dichloroethane-d4 (S)	%	95	67-136	08/15/11 14:58	
4-Bromofluorobenzene (S)	%	102	67-142	08/15/11 14:58	
Dibromofluoromethane (S)	%	91	72-129	08/15/11 14:58	
Toluene-d8 (S)	%	98	69-133	08/15/11 14:58	

LABORATORY CONTROL SAMPLE & LCSD: 81953

81954

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	53.4	53.3	107	107	68-127	.1	15	
1,1,1-Trichloroethane	ug/kg	50	62.4	56.2	125	112	69-139	10	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	52.8	47.6	106	95	63-137	10	15	
1,1,2-Trichloroethane	ug/kg	50	49.0	47.6	98	95	65-131	3	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	72.6	63.3	145	127	64-153	14	27	
1,1-Dichloroethane	ug/kg	50	59.2	55.2	118	110	69-133	7	23	
1,1-Dichloroethene	ug/kg	50	83.9	70.0	168	140	68-157	18	28 L0	
1,1-Dichloropropene	ug/kg	50	53.8	50.9	108	102	68-140	5	21	
1,2,3-Trichlorobenzene	ug/kg	50	48.8	48.0	98	96	69-132	2	15	
1,2,3-Trichloropropane	ug/kg	50	48.8	47.4	98	95	71-124	3	15	
1,2,4-Trichlorobenzene	ug/kg	50	50.0	49.5	100	99	68-137	1	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258823

LABORATORY CONTROL SAMPLE & LCSD:		81953	81954									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
1,2,4-Trimethylbenzene	ug/kg	50	48.3	46.7	97	93	74-124	3	18			
1,2-Dibromo-3-chloropropane	ug/kg	50	50.9	49.3	102	99	52-133	3	22			
1,2-Dibromoethane (EDB)	ug/kg	50	52.3	49.2	105	98	66-129	6	15			
1,2-Dichlorobenzene	ug/kg	50	48.5	46.8	97	94	78-122	3	15			
1,2-Dichloroethane	ug/kg	50	52.9	52.2	106	104	67-131	1	15			
1,2-Dichloroethene (Total)	ug/kg	100	124	116	124	116	73-143	7	20			
1,2-Dichloropropane	ug/kg	50	55.3	53.6	111	107	67-133	3	15			
1,3,5-Trimethylbenzene	ug/kg	50	51.3	49.2	103	98	78-124	4	15			
1,3-Dichlorobenzene	ug/kg	50	49.9	48.7	100	97	79-122	3	15			
1,3-Dichloropropane	ug/kg	50	49.0	47.7	98	95	62-131	3	15			
1,4-Dichlorobenzene	ug/kg	50	49.6	47.7	99	95	77-119	4	15			
2,2-Dichloropropane	ug/kg	50	65.8	59.0	132	118	66-143	11	20			
2-Butanone (MEK)	ug/kg	100	117	107	117	107	44-160	9	27			
2-Chlorotoluene	ug/kg	50	47.3	45.5	95	91	75-123	4	15			
2-Hexanone	ug/kg	100	110	99.7	110	100	40-160	10	21			
4-Chlorotoluene	ug/kg	50	52.3	50.0	105	100	78-127	4	15			
4-Methyl-2-pentanone (MIBK)	ug/kg	100	110	103	110	103	46-156	6	17			
Acetone	ug/kg	100	150	119	150	119	40-160	23	30			
Benzene	ug/kg	50	51.7	50.4	103	101	69-133	3	15			
Bromobenzene	ug/kg	50	50.1	48.4	100	97	81-122	3	15			
Bromochloromethane	ug/kg	50	57.8	54.2	116	108	77-132	6	16			
Bromodichloromethane	ug/kg	50	51.7	51.2	103	102	75-132	1	15			
Bromoform	ug/kg	50	53.4	50.0	107	100	58-128	7	15			
Bromomethane	ug/kg	50	63.1	58.5	126	117	46-160	8	24			
Carbon disulfide	ug/kg	50	76.3	69.8	153	140	56-143	9	24 LO			
Carbon tetrachloride	ug/kg	50	65.8	58.5	132	117	65-146	12	24			
Chlorobenzene	ug/kg	50	49.6	49.0	99	98	76-123	1	15			
Chloroethane	ug/kg	50	65.9	59.1	132	118	51-146	11	24			
Chloroform	ug/kg	50	54.9	52.5	110	105	73-132	4	17			
Chloromethane	ug/kg	50	54.3	52.3	109	105	40-142	4	23			
cis-1,2-Dichloroethene	ug/kg	50	58.5	54.9	117	110	75-142	6	20			
cis-1,3-Dichloropropene	ug/kg	50	52.5	52.6	105	105	62-150	.2	15			
Dibromochloromethane	ug/kg	50	54.3	52.6	109	105	70-126	3	15			
Dibromomethane	ug/kg	50	52.7	52.0	105	104	75-132	1	15			
Dichlorodifluoromethane	ug/kg	50	52.2	49.9	104	100	40-160	5	24			
Ethylbenzene	ug/kg	50	50.7	49.6	101	99	68-126	2	15			
Hexachloro-1,3-butadiene	ug/kg	50	50.7	49.1	101	98	65-144	3	24			
Isopropylbenzene (Cumene)	ug/kg	50	49.5	48.0	99	96	73-120	3	15			
m&p-Xylene	ug/kg	100	93.5	91.0	94	91	66-128	3	15			
Methyl-tert-butyl ether	ug/kg	50	60.0	56.1	120	112	67-134	7	21			
Methylene chloride	ug/kg	50	65.4	61.7	131	123	59-149	6	20			
n-Butylbenzene	ug/kg	50	51.3	49.0	103	98	72-125	5	17			
n-Propylbenzene	ug/kg	50	50.8	48.4	102	97	73-131	5	18			
Naphthalene	ug/kg	50	48.3	47.4	97	95	54-147	2	23			
o-Xylene	ug/kg	50	49.0	48.5	98	97	70-125	1	16			
p-Isopropyltoluene	ug/kg	50	52.0	48.4	104	97	76-127	7	17			
sec-Butylbenzene	ug/kg	50	50.8	47.7	102	95	75-134	6	20			
Styrene	ug/kg	50	51.0	49.7	102	99	72-124	3	19			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258823

LABORATORY CONTROL SAMPLE & LCSD:		81953	81954							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
tert-Amylmethyl ether	ug/kg	50	55.9	52.5	112	105	59-145	6	17	
tert-Butylbenzene	ug/kg	50	51.5	47.3	103	95	74-130	8	21	
Tetrachloroethene	ug/kg	50	53.8	50.6	108	101	57-131	6	22	
Toluene	ug/kg	50	50.3	48.0	101	96	68-130	5	17	
trans-1,2-Dichloroethene	ug/kg	50	65.9	60.8	132	122	71-146	8	21	
trans-1,3-Dichloropropene	ug/kg	50	50.7	50.9	101	102	61-128	.3	15	
Trichloroethene	ug/kg	50	53.3	50.9	107	102	71-138	5	18	
Trichlorofluoromethane	ug/kg	50	62.6	55.6	125	111	50-160	12	25	
Vinyl chloride	ug/kg	50	58.6	54.6	117	109	48-141	7	29	
Xylene (Total)	ug/kg	150	143	140	95	93	68-126	2	15	
1,2-Dichloroethane-d4 (S)	%				100	97	67-136			
4-Bromofluorobenzene (S)	%				102	97	67-142			
Dibromofluoromethane (S)	%				104	100	72-129			
Toluene-d8 (S)	%				97	98	69-133			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258823

QC Batch: MSV/5134 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258823004, 258823015

METHOD BLANK: 82049 Matrix: Solid
Associated Lab Samples: 258823004, 258823015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1-Dichloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,1-Dichloroethene	ug/kg	ND	3.0	08/16/11 14:46	
1,1-Dichloropropene	ug/kg	ND	3.0	08/16/11 14:46	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/16/11 14:46	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/16/11 14:46	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/16/11 14:46	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,2-Dichloroethane	ug/kg	ND	3.0	08/16/11 14:46	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/16/11 14:46	
1,2-Dichloropropane	ug/kg	ND	3.0	08/16/11 14:46	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
1,3-Dichloropropane	ug/kg	ND	3.0	08/16/11 14:46	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
2,2-Dichloropropane	ug/kg	ND	3.0	08/16/11 14:46	
2-Butanone (MEK)	ug/kg	ND	10.0	08/16/11 14:46	
2-Chlorotoluene	ug/kg	ND	3.0	08/16/11 14:46	
2-Hexanone	ug/kg	ND	10.0	08/16/11 14:46	
4-Chlorotoluene	ug/kg	ND	3.0	08/16/11 14:46	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/16/11 14:46	
Acetone	ug/kg	3.5J	10.0	08/16/11 14:46	
Benzene	ug/kg	ND	3.0	08/16/11 14:46	
Bromobenzene	ug/kg	ND	3.0	08/16/11 14:46	
Bromochloromethane	ug/kg	ND	3.0	08/16/11 14:46	
Bromodichloromethane	ug/kg	ND	3.0	08/16/11 14:46	
Bromoform	ug/kg	ND	3.0	08/16/11 14:46	
Bromomethane	ug/kg	ND	3.0	08/16/11 14:46	
Carbon disulfide	ug/kg	ND	3.0	08/16/11 14:46	
Carbon tetrachloride	ug/kg	ND	3.0	08/16/11 14:46	
Chlorobenzene	ug/kg	ND	3.0	08/16/11 14:46	
Chloroethane	ug/kg	ND	3.0	08/16/11 14:46	
Chloroform	ug/kg	ND	3.0	08/16/11 14:46	
Chloromethane	ug/kg	ND	3.0	08/16/11 14:46	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/16/11 14:46	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/16/11 14:46	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 35 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258823

METHOD BLANK: 82049

Matrix: Solid

Associated Lab Samples: 258823004, 258823015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/16/11 14:46	
Dibromomethane	ug/kg	ND	3.0	08/16/11 14:46	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/16/11 14:46	
Ethylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/16/11 14:46	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/16/11 14:46	
m&p-Xylene	ug/kg	ND	6.0	08/16/11 14:46	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/16/11 14:46	
Methylene chloride	ug/kg	10.0	10.0	08/16/11 14:46	
n-Butylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
n-Propylbenzene	ug/kg	0.73J	3.0	08/16/11 14:46	
Naphthalene	ug/kg	ND	3.0	08/16/11 14:46	
o-Xylene	ug/kg	ND	3.0	08/16/11 14:46	
p-Isopropyltoluene	ug/kg	0.45J	3.0	08/16/11 14:46	
sec-Butylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
Styrene	ug/kg	ND	3.0	08/16/11 14:46	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/16/11 14:46	
tert-Butylbenzene	ug/kg	ND	3.0	08/16/11 14:46	
Tetrachloroethene	ug/kg	ND	3.0	08/16/11 14:46	
Toluene	ug/kg	ND	3.0	08/16/11 14:46	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/16/11 14:46	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/16/11 14:46	
Trichloroethene	ug/kg	ND	3.0	08/16/11 14:46	
Trichlorofluoromethane	ug/kg	ND	3.0	08/16/11 14:46	
Vinyl chloride	ug/kg	ND	3.0	08/16/11 14:46	
Xylene (Total)	ug/kg	ND	9.0	08/16/11 14:46	
1,2-Dichloroethane-d4 (S)	%	90	67-136	08/16/11 14:46	
4-Bromofluorobenzene (S)	%	106	67-142	08/16/11 14:46	
Dibromofluoromethane (S)	%	96	72-129	08/16/11 14:46	
Toluene-d8 (S)	%	100	69-133	08/16/11 14:46	

LABORATORY CONTROL SAMPLE: 82050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	54.1	108	68-127	
1,1,1-Trichloroethane	ug/kg	50	64.7	129	69-139	
1,1,2,2-Tetrachloroethane	ug/kg	50	53.5	107	63-137	
1,1,2-Trichloroethane	ug/kg	50	54.1	108	65-131	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	70.7	141	64-153	
1,1-Dichloroethane	ug/kg	50	62.0	124	69-133	
1,1-Dichloroethene	ug/kg	50	80.1	160	68-157	L0
1,1-Dichloropropene	ug/kg	50	58.6	117	68-140	
1,2,3-Trichlorobenzene	ug/kg	50	45.9	92	69-132	
1,2,3-Trichloropropane	ug/kg	50	51.9	104	71-124	
1,2,4-Trichlorobenzene	ug/kg	50	48.0	96	68-137	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 36 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258823

LABORATORY CONTROL SAMPLE: 82050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	49.9	100	74-124	
1,2-Dibromo-3-chloropropane	ug/kg	50	47.8	96	52-133	
1,2-Dibromoethane (EDB)	ug/kg	50	58.7	117	66-129	
1,2-Dichlorobenzene	ug/kg	50	50.3	101	78-122	
1,2-Dichloroethane	ug/kg	50	54.1	108	67-131	
1,2-Dichloroethene (Total)	ug/kg	100	137	137	73-143	
1,2-Dichloropropane	ug/kg	50	58.8	118	67-133	
1,3,5-Trimethylbenzene	ug/kg	50	53.0	106	78-124	
1,3-Dichlorobenzene	ug/kg	50	52.0	104	79-122	
1,3-Dichloropropane	ug/kg	50	53.7	107	62-131	
1,4-Dichlorobenzene	ug/kg	50	50.6	101	77-119	
2,2-Dichloropropane	ug/kg	50	67.3	135	66-143	
2-Butanone (MEK)	ug/kg	100	161	161	44-160	L0
2-Chlorotoluene	ug/kg	50	48.8	98	75-123	
2-Hexanone	ug/kg	100	137	137	40-160	
4-Chlorotoluene	ug/kg	50	53.9	108	78-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	131	131	46-156	
Acetone	ug/kg	100	183	183	40-160	L0
Benzene	ug/kg	50	56.8	114	69-133	
Bromobenzene	ug/kg	50	51.4	103	81-122	
Bromochloromethane	ug/kg	50	63.1	126	77-132	
Bromodichloromethane	ug/kg	50	54.5	109	75-132	
Bromoform	ug/kg	50	50.1	100	58-128	
Bromomethane	ug/kg	50	56.8	114	46-160	
Carbon disulfide	ug/kg	50	84.9	170	56-143	L0
Carbon tetrachloride	ug/kg	50	66.0	132	65-146	
Chlorobenzene	ug/kg	50	54.8	110	76-123	
Chloroethane	ug/kg	50	65.4	131	51-146	
Chloroform	ug/kg	50	57.9	116	73-132	
Chloromethane	ug/kg	50	45.7	91	40-142	
cis-1,2-Dichloroethene	ug/kg	50	65.0	130	75-142	
cis-1,3-Dichloropropene	ug/kg	50	56.1	112	62-150	
Dibromochloromethane	ug/kg	50	57.0	114	70-126	
Dibromomethane	ug/kg	50	60.4	121	75-132	
Dichlorodifluoromethane	ug/kg	50	32.9	66	40-160	
Ethylbenzene	ug/kg	50	55.2	110	68-126	
Hexachloro-1,3-butadiene	ug/kg	50	47.6	95	65-144	
Isopropylbenzene (Cumene)	ug/kg	50	51.6	103	73-120	
m&p-Xylene	ug/kg	100	103	103	66-128	
Methyl-tert-butyl ether	ug/kg	50	65.9	132	67-134	
Methylene chloride	ug/kg	50	79.9	160	59-149	L0
n-Butylbenzene	ug/kg	50	51.7	103	72-125	
n-Propylbenzene	ug/kg	50	53.3	107	73-131	
Naphthalene	ug/kg	50	46.7	93	54-147	
o-Xylene	ug/kg	50	54.0	108	70-125	
p-Isopropyltoluene	ug/kg	50	53.2	106	76-127	
sec-Butylbenzene	ug/kg	50	52.6	105	75-134	
Styrene	ug/kg	50	55.4	111	72-124	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258823

LABORATORY CONTROL SAMPLE: 82050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amylmethyl ether	ug/kg	50	60.3	121	59-145	
tert-Butylbenzene	ug/kg	50	50.9	102	74-130	
Tetrachloroethene	ug/kg	50	59.3	119	57-131	
Toluene	ug/kg	50	53.6	107	68-130	
trans-1,2-Dichloroethene	ug/kg	50	72.3	145	71-146	
trans-1,3-Dichloropropene	ug/kg	50	56.0	112	61-128	
Trichloroethene	ug/kg	50	57.0	114	71-138	
Trichlorofluoromethane	ug/kg	50	58.9	118	50-160	
Vinyl chloride	ug/kg	50	53.8	108	48-141	
Xylene (Total)	ug/kg	150	157	105	68-126	
1,2-Dichloroethane-d4 (S)	%			95	67-136	
4-Bromofluorobenzene (S)	%			95	67-142	
Dibromofluoromethane (S)	%			105	72-129	
Toluene-d8 (S)	%			96	69-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82274 82275

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual	
		258881001 Result	Spike Conc.	Spike Conc.	MS Result				MSD Result	RPD		RPD
1,1,1,2-Tetrachloroethane	ug/kg	ND	49	48	53.7	47.4	109	99	40-133	12	30	
1,1,1-Trichloroethane	ug/kg	ND	49	48	54.3	52.5	111	109	40-148	3	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	49	48	58.3	49.3	119	103	40-141	17	30	
1,1,2-Trichloroethane	ug/kg	ND	49	48	49.0	45.3	100	94	40-136	8	30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	49	48	73.1	54.4	149	113	40-153	29	30	
1,1-Dichloroethane	ug/kg	ND	49	48	54.1	51.8	110	108	40-132	4	30	
1,1-Dichloroethene	ug/kg	ND	49	48	81.0	61.7	165	129	40-155	27	30	M0
1,1-Dichloropropene	ug/kg	ND	49	48	48.6	44.4	99	93	40-130	9	30	
1,2,3-Trichlorobenzene	ug/kg	ND	49	48	37.4	27.2	76	57	40-130	32	30	D6
1,2,3-Trichloropropane	ug/kg	ND	49	48	51.1	44.6	104	93	40-158	14	30	
1,2,4-Trichlorobenzene	ug/kg	ND	49	48	37.5	26.9	77	56	40-134	33	30	D6
1,2,4-Trimethylbenzene	ug/kg	ND	49	48	54.9	50.2	112	105	40-133	9	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	49	48	48.6	38.2	99	80	40-127	24	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	49	48	46.7	44.3	95	92	40-138	5	30	
1,2-Dichlorobenzene	ug/kg	ND	49	48	49.3	42.2	101	88	40-136	16	30	
1,2-Dichloroethane	ug/kg	ND	49	48	46.1	44.0	94	92	40-133	5	30	
1,2-Dichloroethene (Total)	ug/kg	ND	98	96	113	104	115	109	40-141	8	30	
1,2-Dichloropropane	ug/kg	ND	49	48	54.5	50.8	111	106	40-131	7	30	
1,3,5-Trimethylbenzene	ug/kg	ND	49	48	61.6	53.6	125	111	40-139	14	30	
1,3-Dichlorobenzene	ug/kg	ND	49	48	49.4	41.3	101	86	40-136	18	30	
1,3-Dichloropropane	ug/kg	ND	49	48	46.7	43.3	95	90	40-132	8	30	
1,4-Dichlorobenzene	ug/kg	ND	49	48	47.0	38.1	96	79	40-134	21	30	
2,2-Dichloropropane	ug/kg	ND	49	48	58.1	55.1	119	115	40-153	5	30	
2-Butanone (MEK)	ug/kg	ND	98	96	102	96.7	104	101	40-147	5	30	
2-Chlorotoluene	ug/kg	ND	49	48	52.9	47.5	108	99	40-136	11	30	
2-Hexanone	ug/kg	ND	98	96	95.6	86.9	98	91	40-151	10	30	
4-Chlorotoluene	ug/kg	ND	49	48	54.9	46.0	112	96	40-139	18	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	98	96	98.4	97.0	100	101	40-147	1	30	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 38 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258823

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82274 82275												
Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		258881001 Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Acetone	ug/kg	26.1	98	96	143	110	119	88	40-160	26	30	
Benzene	ug/kg	ND	49	48	51.4	49.0	105	102	40-129	5	30	
Bromobenzene	ug/kg	ND	49	48	51.6	44.0	105	92	40-142	16	30	
Bromochloromethane	ug/kg	ND	49	48	52.0	48.1	106	100	40-131	8	30	
Bromodichloromethane	ug/kg	ND	49	48	47.7	45.8	97	95	40-132	4	30	
Bromoform	ug/kg	ND	49	48	43.5	38.3	89	80	40-123	13	30	
Bromomethane	ug/kg	ND	49	48	55.3	48.9	113	102	40-160	12	30	
Carbon disulfide	ug/kg	ND	49	48	66.9	63.0	137	131	40-147	6	30	
Carbon tetrachloride	ug/kg	ND	49	48	54.5	51.8	111	108	40-139	5	30	
Chlorobenzene	ug/kg	ND	49	48	48.7	44.7	99	93	40-128	9	30	
Chloroethane	ug/kg	ND	49	48	55.8	50.8	114	106	40-160	9	30	
Chloroform	ug/kg	ND	49	48	51.1	48.7	104	101	40-142	5	30	
Chloromethane	ug/kg	ND	49	48	42.2	38.7	86	81	40-150	9	30	
cis-1,2-Dichloroethene	ug/kg	ND	49	48	54.5	50.6	111	105	40-138	7	30	
cis-1,3-Dichloropropene	ug/kg	ND	49	48	46.1	41.7	94	87	40-130	10	30	
Dibromochloromethane	ug/kg	ND	49	48	49.6	44.6	101	93	40-127	11	30	
Dibromomethane	ug/kg	ND	49	48	44.7	43.1	91	90	40-126	4	30	
Dichlorodifluoromethane	ug/kg	ND	49	48	27.3	25.4	56	53	40-156	7	30	
Ethylbenzene	ug/kg	ND	49	48	52.1	47.9	106	100	40-134	8	30	
Hexachloro-1,3-butadiene	ug/kg	ND	49	48	47.2	37.6	96	78	40-144	23	30	
Isopropylbenzene (Cumene)	ug/kg	ND	49	48	50.2	45.8	102	95	40-129	9	30	
m&p-Xylene	ug/kg	ND	98	96	97.0	90.5	99	94	40-128	7	30	
Methyl-tert-butyl ether	ug/kg	ND	49	48	55.0	51.5	112	107	40-149	7	30	
Methylene chloride	ug/kg	10.1	49	48	71.1	70.0	124	125	40-136	2	30	
n-Butylbenzene	ug/kg	ND	49	48	51.0	43.0	104	90	40-133	17	30	
n-Propylbenzene	ug/kg	ND	49	48	58.1	51.8	118	108	40-139	11	30	
Naphthalene	ug/kg	ND	49	48	42.5	33.8	86	70	40-134	23	30	
o-Xylene	ug/kg	ND	49	48	51.4	48.2	105	100	40-126	6	30	
p-Isopropyltoluene	ug/kg	ND	49	48	58.8	50.5	120	105	40-137	15	30	
sec-Butylbenzene	ug/kg	ND	49	48	59.6	51.7	122	108	40-138	14	30	
Styrene	ug/kg	ND	49	48	50.4	45.7	103	95	40-124	10	30	
tert-Amylmethyl ether	ug/kg	ND	49	48	52.6	48.5	107	101	40-149	8	30	
tert-Butylbenzene	ug/kg	ND	49	48	59.3	53.1	121	111	40-151	11	30	
Tetrachloroethene	ug/kg	ND	49	48	50.4	47.7	103	99	40-142	6	30	
Toluene	ug/kg	ND	49	48	52.2	48.0	106	100	40-134	8	30	
trans-1,2-Dichloroethene	ug/kg	ND	49	48	58.2	53.8	119	112	40-143	8	30	
trans-1,3-Dichloropropene	ug/kg	ND	49	48	42.9	39.0	88	81	40-134	9	30	
Trichloroethene	ug/kg	ND	49	48	48.8	45.3	100	94	40-138	7	30	
Trichlorofluoromethane	ug/kg	ND	49	48	48.2	43.8	98	91	40-160	9	30	
Vinyl chloride	ug/kg	ND	49	48	46.6	42.0	95	87	40-145	10	30	
Xylene (Total)	ug/kg	ND	147	144	148	139	101	96	40-129	7	30	
1,2-Dichloroethane-d4 (S)	%						88	91	67-136			
4-Bromofluorobenzene (S)	%						109	107	67-142			
Dibromofluoromethane (S)	%						99	101	72-129			
Toluene-d8 (S)	%						104	103	69-133			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258823

QC Batch: OEXT/4223 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 258823001, 258823002, 258823003, 258823004, 258823005, 258823006, 258823007, 258823008, 258823009, 258823011, 258823012, 258823013, 258823014, 258823015

METHOD BLANK: 81933 Matrix: Solid
 Associated Lab Samples: 258823001, 258823002, 258823003, 258823004, 258823005, 258823006, 258823007, 258823008, 258823009, 258823011, 258823012, 258823013, 258823014, 258823015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/17/11 16:27	
2,4,6-Tribromophenol (S)	%	41	26-135	08/17/11 16:27	

LABORATORY CONTROL SAMPLE: 81934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	455	34	20-89	
2,4,6-Tribromophenol (S)	%			58	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 81935 81936

Parameter	Units	258823005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1740	1750	663	986	38	56	10-143	39	28	R1
2,4,6-Tribromophenol (S)	%						50	75	26-135			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258823

QC Batch:	PMST/1791	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	258823001, 258823002, 258823003, 258823004, 258823005, 258823006, 258823007, 258823008, 258823009, 258823011, 258823012, 258823013, 258823014, 258823015		

SAMPLE DUPLICATE: 81869

Parameter	Units	258823014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	33.8	34.9	3	30	

SAMPLE DUPLICATE: 81870

Parameter	Units	258823015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.4	27.3	.6	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 258823

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/5129

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1n Acetone is a potential false positive result due to VOA vial contamination. This contamination was traced to the supplier of these VOA vials.

B Analyte was detected in the associated method blank.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258823

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258823003	SUP_SL_20 8-10	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258823004	SUP_SL_20 10-12	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258823005	SUP_SL_20 12-14	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258823007	SUP_SL_22 8-10	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258823008	SUP_SL_22 10-12	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258823009	SUP_SL_22 12-14	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258823013	SUP_SL_23 8-10	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258823014	SUP_SL_23 10-12	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258823015	SUP_SL_23 12-14	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258823001	SUP_SL_20 6-7	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823002	SUP_SL_20 7-8	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823003	SUP_SL_20 8-10	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823004	SUP_SL_20 10-12	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823005	SUP_SL_20 12-14	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823006	SUP_SL_22 7-8	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823007	SUP_SL_22 8-10	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823008	SUP_SL_22 10-12	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823009	SUP_SL_22 12-14	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823011	SUP_SL_23 6-7	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823012	SUP_SL_23 7-8	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823013	SUP_SL_23 8-10	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823014	SUP_SL_23 10-12	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823015	SUP_SL_23 12-14	EPA 3546	OEXT/4223	EPA 8270	MSSV/1742
258823003	SUP_SL_20 8-10	EPA 8260	MSV/5129		
258823004	SUP_SL_20 10-12	EPA 8260	MSV/5134		
258823005	SUP_SL_20 12-14	EPA 8260	MSV/5129		
258823007	SUP_SL_22 8-10	EPA 8260	MSV/5129		
258823008	SUP_SL_22 10-12	EPA 8260	MSV/5129		
258823009	SUP_SL_22 12-14	EPA 8260	MSV/5129		
258823010	Trip Blank #16	EPA 8260	MSV/5129		
258823013	SUP_SL_23 8-10	EPA 8260	MSV/5129		
258823014	SUP_SL_23 10-12	EPA 8260	MSV/5129		
258823015	SUP_SL_23 12-14	EPA 8260	MSV/5134		
258823001	SUP_SL_20 6-7	ASTM D2974-87	PMST/1791		
258823002	SUP_SL_20 7-8	ASTM D2974-87	PMST/1791		
258823003	SUP_SL_20 8-10	ASTM D2974-87	PMST/1791		
258823004	SUP_SL_20 10-12	ASTM D2974-87	PMST/1791		
258823005	SUP_SL_20 12-14	ASTM D2974-87	PMST/1791		
258823006	SUP_SL_22 7-8	ASTM D2974-87	PMST/1791		
258823007	SUP_SL_22 8-10	ASTM D2974-87	PMST/1791		
258823008	SUP_SL_22 10-12	ASTM D2974-87	PMST/1791		
258823009	SUP_SL_22 12-14	ASTM D2974-87	PMST/1791		
258823011	SUP_SL_23 6-7	ASTM D2974-87	PMST/1791		
258823012	SUP_SL_23 7-8	ASTM D2974-87	PMST/1791		
258823013	SUP_SL_23 8-10	ASTM D2974-87	PMST/1791		
258823014	SUP_SL_23 10-12	ASTM D2974-87	PMST/1791		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 258823

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258823015	SUP_SL_23 12-14	ASTM D2974-87	PMST/1791		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258845
Sample Date(s): August 15, 2011

This review summarizes the data quality of analytical results generated in support of the August 15, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258845.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258845



Delivery Group Summary

Nine soil samples, one soil field duplicate, and one soil trip blank were collected by Pacific Environmental Redevelopment Corporation on August 15, 2011. Samples were hand delivered by Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for metals (arsenic, cadmium, lead), semivolatile organic compounds (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Metal results by method 6010 are of acceptable quality. None of the results were qualified.
- Pentachlorophenol results by method 8270 are of acceptable quality. None of the results were qualified.
- VOC results by method 8260 have 2.7% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 9 Samples (1 Duplicate)	Groundwater= 0 Samples	Trip Blank (Soil)= 1 Samples	Trip Blank (Groundwater)= 0 Samples
6010 Metals (As, Pb, Cd)		8260 VOCs	
8270 Pentachlorophenol Only			
8260 VOCs			

<p>Holding Time: All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP. <i>Action: No action was taken based on the evaluation of holding times.</i></p>	Representativeness
<p>Surrogates: All surrogate recoveries were within the control limits. <i>Action: No action was taken based on the evaluation of surrogate recoveries.</i></p>	Accuracy
<p>Blanks: As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via one cooler with the trip blank.</p>	Representativeness



The following analytes were detected in the method or trip blanks:						
Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
258845006	Trip Blank	SUP_SL_8 6-7	258845001	1,2,4-Trichlorobenzene	0.25 J	ug/kg
		SUP_SL_8 7-8	258845002	1,4-Dichlorobenzene	0.27 J	ug/kg
		SUP_SL_8 8-10	258845003	Acetone	3.6 J	ug/kg
		SUP_SL_8 10-12	258845004	Naphthalene	0.83 J	ug/kg
		SUP_SL_8 12-14	258845005	Toluene	0.36 J	ug/kg
		SUP_SL_8_DUP	258845006			
		SUP_SL_21 7-8	258845008			
		SUP_SL_21 8-10	258845009			
		SUP_SL_21 10-12	258845010			
		SUP_SL_21 12-14	258845011			
82463	Method Blank	SUP_SL_8 8-10	258845003	1,2,3-Trichlorobenzene	0.67 J	ug/kg
		SUP_SL_8 10-12	258845004	1,2,4-Trichlorobenzene	0.45 J	ug/kg
		SUP_SL_8 12-14	258845005	1,4-Dichlorobenzene	0.26 J	ug/kg
		SUP_SL_8_DUP	258845006	Acetone	3.0 J	ug/kg
		SUP_SL_21 8-10	258845009	Methylene chloride	2.7 J	ug/kg
		SUP_SL_21 10-12	258845010	Naphthalene	1.0 J	ug/kg
		SUP_SL_21 12-14	258845011			

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Acetone		
SUP_SL_8 8-10	258845003	258845007	Trip Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives (except 258845011) due to vial contamination from the manufacturer.
SUP_SL_8 10-12	258845004		
SUP_SL_8 12-14	258845005		
SUP_SL_8_DUP	258845006		
SUP_SL_21 8-10	258845009		
SUP_SL_21 10-12	258845010		
SUP_SL_21 12-14	258845011		
Analyte:	Toluene		



SUP_SL_8 8-10	258845003	258845007	Trip Blank. Qualified based on criteria 4.
SUP_SL_8_DUP	258845006		
SUP_SL_21 12-14	258845011		
Analyte:	Naphthalene		
SUP_SL_8 8-10	258845003	82463	Method Blank. Qualified based on criteria 4.
SUP_SL_8 10-12	258845004		
SUP_SL_8_DUP	258845006		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 8260. Method 8260 did not have a MS/MSD prepared and analyzed. All other methods (6010 and 8270) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP. All sample recoveries were within control limits.

Action: No action was taken based on the evaluation of MS/MSD.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 6010 and one per 10 samples for method 8270. Method 8260 had LCS/LCSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD. No action was taken based on the evaluation of LCS/LCSDs.



Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_8 8-10 SUP_SL_8 10-12 SUP_SL_8 12-14 SUP_SL_8_DUP SUP_SL_21 8-10 SUP_SL_21 10-12 SUP_SL_21 12-14	258845003 258845004 258845005 258845006 258845009 258845010 258845011	82464	2-Hexanone	133/105	40-160	23	21	High	Based on the criteria above, results were not qualified.
			Dichlorodifluoromethane	167/152	40-160	10	24	High	Based on the criteria above, results were not qualified.
			Vinyl chloride	127/122	80-112	4	29	High	Based on the criteria above, results were not qualified.
			Tetrachloroethene	116/109	80-112	6	22	High	Based on the criteria above, results were not qualified.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were prepared and analyzed at the required frequency. Sample SUP_SL_8_DUP (258845006) was collected as a field duplicate and is associated with SUP_SL_8 8-10 (258845003).

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_SL_8_DUP (Lab ID -258845006)	SUP_SL_8 8-10 (Lab ID – 258845003)		
Arsenic	156	207	mg/kg	28
Cadmium	1.1J	1.1J	mg/kg	0
Lead	62.7	153	mg/kg	84
2-Butanone (MEK)	34.3	12.4J	ug/kg	94
Acetone	127	56.2	ug/kg	77
Benzene	1.1J	4.8J	ug/kg	125
Carbon disulfide	26.3	6.7J	ug/kg	119



Naphthalene	2.0J	2.0J	ug/kg	0
Toluene	1.1J	0.98J	ug/kg	12
1,2-Dichloroethene (Total)	<0.91	1.1J	ug/kg	19
cis-1,2-Dichloroethene	<0.51	1.1J	ug/kg	73

Sample Quantitation/Compound Identification:

A Level 4 review was not performed on this group of samples.

Additional Comments:

Pace Analytical Services noted that the MeOH vial for sample SUP_SL_21 10-12 (258845010) was returned to the lab without a sample. SUP_SL_21 10-12 (258845010) was still run for all requested methods. On the chain-of-custody Trip Blank #17 (258845007) did not have any analyses test requests. The sample was run for method 8260. According to the SAP & QAPP, trip blanks were to be run for VOCs for this sample delivery group. No other discrepancies were noted concerning sample delivery. Cooler custody seals were not used. The samples arrived in good condition, preserved correctly, and were on ice. The temperature of the delivery cooler was recorded at 3.9 °C and was within the required temperature range. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Thirteen (13) sample results were qualified (see Attachment 1).
- Three detected sample results were qualified (B) and 10 detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.





Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258845

Laboratory Results							Independent Reviewer Evaluation		
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_8 8-10	258845003	EPA 8260	Solid	Acetone	56.2	ug/kg	2.8	B	Trip Blank Contamination
SUP_SL_8 8-10	258845003	EPA 8260	Solid	Naphthalene	2.0 J	ug/kg	1.4	UB	Method Blank Contamination
SUP_SL_8 8-10	258845003	EPA 8260	Solid	Toluene	0.98 J	ug/kg	0.78	UB	Trip Blank Contamination
SUP_SL_8 10-12	258845004	EPA 8260	Solid	Acetone	15.4	ug/kg	1.2	UB	Trip Blank Contamination
SUP_SL_8 10-12	258845004	EPA 8260	Solid	Naphthalene	0.63 J	ug/kg	0.62	UB	Method Blank Contamination
SUP_SL_8 12-14	258845005	EPA 8260	Solid	Acetone	15.8	ug/kg	1.1	UB	Trip Blank Contamination
SUP_SL_8_DUP	258845006	EPA 8260	Solid	Acetone	127	ug/kg	2.7	B	Trip Blank Contamination
SUP_SL_8_DUP	258845006	EPA 8260	Solid	Naphthalene	2.0 J	ug/kg	1.4	UB	Method Blank Contamination
SUP_SL_8_DUP	258845006	EPA 8260	Solid	Toluene	1.1 J	ug/kg	0.76	UB	Trip Blank Contamination
SUP_SL_21 8-10	258845009	EPA 8260	Solid	Acetone	36.7	ug/kg	3.1	B	Trip Blank Contamination
SUP_SL_21 10-12	258845010	EPA 8260	Solid	Acetone	18.3	ug/kg	1.5	UB	Trip Blank Contamination
SUP_SL_21 12-14	258845011	EPA 8260	Solid	Acetone	11.8 J	ug/kg	1.4	UB	Trip Blank Contamination
SUP_SL_21 12-14	258845011	EPA 8260	Solid	Toluene	0.46 J	ug/kg	0.39	UB	Trip Blank Contamination

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258845

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 15, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258845

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 258845

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258845001	SUP_SL_8 6-7	Solid	08/15/11 10:00	08/15/11 14:30
258845002	SUP_SL_8 7-8	Solid	08/15/11 10:05	08/15/11 14:30
258845003	SUP_SL_8 8-10	Solid	08/15/11 10:10	08/15/11 14:30
258845004	SUP_SL_8 10-12	Solid	08/15/11 10:15	08/15/11 14:30
258845005	SUP_SL_8 12-14	Solid	08/15/11 10:20	08/15/11 14:30
258845006	SUP_SL_8_DUP	Solid	08/15/11 10:25	08/15/11 14:30
258845007	Trip Blank #17	Solid	08/15/11 10:30	08/15/11 14:30
258845008	SUP_SL_21 7-8	Solid	08/15/11 09:00	08/15/11 14:30
258845009	SUP_SL_21 8-10	Solid	08/15/11 09:05	08/15/11 14:30
258845010	SUP_SL_21 10-12	Solid	08/15/11 09:10	08/15/11 14:30
258845011	SUP_SL_21 12-14	Solid	08/15/11 09:15	08/15/11 14:30

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258845

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258845001	SUP_SL_8 6-7	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258845002	SUP_SL_8 7-8	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258845003	SUP_SL_8 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258845004	SUP_SL_8 10-12	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258845005	SUP_SL_8 12-14	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258845006	SUP_SL_8_DUP	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258845007	Trip Blank #17	EPA 8260	LPM	73	PASI-S
258845008	SUP_SL_21 7-8	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258845009	SUP_SL_21 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258845010	SUP_SL_21 10-12	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258845011	SUP_SL_21 12-14	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258845

Sample: SUP_SL_8 6-7 **Lab ID: 258845001** Collected: 08/15/11 10:00 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1590	505	1	08/17/11 12:30	08/22/11 01:51	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	78 %		26-135		1	08/17/11 12:30	08/22/11 01:51	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	79.7 %		0.10	0.10	1		08/16/11 16:36		

Sample: SUP_SL_8 7-8 **Lab ID: 258845002** Collected: 08/15/11 10:05 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	753	238	1	08/17/11 12:30	08/22/11 02:14	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	67 %		26-135		1	08/17/11 12:30	08/22/11 02:14	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	56.8 %		0.10	0.10	1		08/16/11 16:37		

Sample: SUP_SL_8 8-10 **Lab ID: 258845003** Collected: 08/15/11 10:10 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	207	mg/kg	3.7	0.55	1	08/24/11 11:01	08/25/11 22:04	7440-38-2	
Cadmium	1.1J	mg/kg	1.8	0.020	1	08/24/11 11:01	08/25/11 22:04	7440-43-9	
Lead	153	mg/kg	1.8	0.12	1	08/24/11 11:01	08/25/11 22:04	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	701	222	1	08/17/11 12:30	08/22/11 02:37	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	68 %		26-135		1	08/17/11 12:30	08/22/11 02:37	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.6	0.37	1		08/18/11 17:40	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.6	0.47	1		08/18/11 17:40	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.6	0.70	1		08/18/11 17:40	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.6	0.71	1		08/18/11 17:40	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.6	1.0	1		08/18/11 17:40	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.6	0.60	1		08/18/11 17:40	75-34-3	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 6 of 32

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258845

Sample: SUP_SL_8 8-10 Lab ID: 258845003 Collected: 08/15/11 10:10 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1-Dichloroethene	ND	ug/kg	7.6	0.94	1		08/18/11 17:40	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.6	0.89	1		08/18/11 17:40	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.6	0.71	1		08/18/11 17:40	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.6	0.87	1		08/18/11 17:40	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.6	0.62	1		08/18/11 17:40	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	7.6	1.3	1		08/18/11 17:40	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.7	0.99	1		08/18/11 17:40	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.6	0.54	1		08/18/11 17:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.6	0.63	1		08/18/11 17:40	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.6	0.56	1		08/18/11 17:40	107-06-2	
1,2-Dichloroethene (Total)	1.1J	ug/kg	15.2	0.94	1		08/18/11 17:40	540-59-0	
1,2-Dichloropropane	ND	ug/kg	7.6	0.46	1		08/18/11 17:40	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.6	0.81	1		08/18/11 17:40	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.6	0.48	1		08/18/11 17:40	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.6	0.70	1		08/18/11 17:40	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.6	0.61	1		08/18/11 17:40	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.6	0.47	1		08/18/11 17:40	594-20-7	
2-Butanone (MEK)	12.4J	ug/kg	25.4	3.8	1		08/18/11 17:40	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.6	0.80	1		08/18/11 17:40	95-49-8	
2-Hexanone	ND	ug/kg	25.4	0.91	1		08/18/11 17:40	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.6	0.68	1		08/18/11 17:40	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.4	0.77	1		08/18/11 17:40	108-10-1	
Acetone	56.2	ug/kg	25.4	2.8	1		08/18/11 17:40	67-64-1	1n,B
Benzene	4.8J	ug/kg	7.6	0.38	1		08/18/11 17:40	71-43-2	
Bromobenzene	ND	ug/kg	7.6	0.60	1		08/18/11 17:40	108-86-1	
Bromochloromethane	ND	ug/kg	7.6	0.56	1		08/18/11 17:40	74-97-5	
Bromodichloromethane	ND	ug/kg	7.6	0.30	1		08/18/11 17:40	75-27-4	
Bromoform	ND	ug/kg	7.6	0.59	1		08/18/11 17:40	75-25-2	
Bromomethane	ND	ug/kg	7.6	0.81	1		08/18/11 17:40	74-83-9	
Carbon disulfide	6.7J	ug/kg	7.6	0.71	1		08/18/11 17:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.6	0.46	1		08/18/11 17:40	56-23-5	
Chlorobenzene	ND	ug/kg	7.6	0.46	1		08/18/11 17:40	108-90-7	
Chloroethane	ND	ug/kg	7.6	0.73	1		08/18/11 17:40	75-00-3	
Chloroform	ND	ug/kg	7.6	0.49	1		08/18/11 17:40	67-66-3	
Chloromethane	ND	ug/kg	7.6	0.52	1		08/18/11 17:40	74-87-3	
Dibromochloromethane	ND	ug/kg	7.6	0.26	1		08/18/11 17:40	124-48-1	
Dibromomethane	ND	ug/kg	7.6	0.53	1		08/18/11 17:40	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.6	1.1	1		08/18/11 17:40	75-71-8	
Ethylbenzene	ND	ug/kg	7.6	0.96	1		08/18/11 17:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.6	0.75	1		08/18/11 17:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.6	0.88	1		08/18/11 17:40	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.6	0.63	1		08/18/11 17:40	1634-04-4	
Methylene chloride	ND	ug/kg	25.4	6.7	1		08/18/11 17:40	75-09-2	
Naphthalene	2.0J	ug/kg	7.6	1.4	1		08/18/11 17:40	91-20-3	B
Styrene	ND	ug/kg	7.6	0.73	1		08/18/11 17:40	100-42-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_8 8-10 **Lab ID:** 258845003 Collected: 08/15/11 10:10 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Tetrachloroethene	ND	ug/kg	7.6	0.97	1		08/18/11 17:40	127-18-4	
Toluene	0.98J	ug/kg	7.6	0.78	1		08/18/11 17:40	108-88-3	
Trichloroethene	ND	ug/kg	7.6	0.53	1		08/18/11 17:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.6	0.58	1		08/18/11 17:40	75-69-4	
Vinyl chloride	ND	ug/kg	7.6	0.71	1		08/18/11 17:40	75-01-4	
Xylene (Total)	ND	ug/kg	22.9	1.9	1		08/18/11 17:40	1330-20-7	
cis-1,2-Dichloroethene	1.1J	ug/kg	7.6	0.53	1		08/18/11 17:40	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.6	0.33	1		08/18/11 17:40	10061-01-5	
m&p-Xylene	ND	ug/kg	15.2	1.9	1		08/18/11 17:40	179601-23-1	
n-Butylbenzene	ND	ug/kg	7.6	1.2	1		08/18/11 17:40	104-51-8	
n-Propylbenzene	ND	ug/kg	7.6	0.89	1		08/18/11 17:40	103-65-1	
o-Xylene	ND	ug/kg	7.6	0.83	1		08/18/11 17:40	95-47-6	
p-Isopropyltoluene	ND	ug/kg	7.6	0.98	1		08/18/11 17:40	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.6	1.1	1		08/18/11 17:40	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.6	0.66	1		08/18/11 17:40	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.6	0.88	1		08/18/11 17:40	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.6	0.76	1		08/18/11 17:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.6	0.53	1		08/18/11 17:40	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106 %		72-129		1		08/18/11 17:40	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/18/11 17:40	2037-26-5	
4-Bromofluorobenzene (S)	109 %		67-142		1		08/18/11 17:40	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/18/11 17:40	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	53.2 %		0.10	0.10	1		08/16/11 16:38		

Sample: SUP_SL_8 10-12 **Lab ID:** 258845004 Collected: 08/15/11 10:15 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	38.6	mg/kg	11.2	1.7	5	08/24/11 11:01	08/25/11 20:49	7440-38-2	
Cadmium	ND	mg/kg	5.6	0.062	5	08/24/11 11:01	08/25/11 20:49	7440-43-9	D3
Lead	23.7	mg/kg	1.1	0.071	1	08/24/11 11:01	08/25/11 22:08	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	431	136	1	08/17/11 12:30	08/22/11 03:00	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	67 %		26-135		1	08/17/11 12:30	08/22/11 03:00	118-79-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_8 10-12 Lab ID: 258845004 Collected: 08/15/11 10:15 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		08/18/11 18:01	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/18/11 18:01	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.32	1		08/18/11 18:01	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		08/18/11 18:01	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		08/18/11 18:01	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/18/11 18:01	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/18/11 18:01	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		08/18/11 18:01	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.32	1		08/18/11 18:01	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		08/18/11 18:01	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		08/18/11 18:01	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		08/18/11 18:01	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.44	1		08/18/11 18:01	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/18/11 18:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/18/11 18:01	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/18/11 18:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.8	0.42	1		08/18/11 18:01	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/18/11 18:01	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/18/11 18:01	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		08/18/11 18:01	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.32	1		08/18/11 18:01	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/18/11 18:01	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/18/11 18:01	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.4	1.7	1		08/18/11 18:01	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/18/11 18:01	95-49-8	
2-Hexanone	ND	ug/kg	11.4	0.41	1		08/18/11 18:01	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/18/11 18:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.4	0.35	1		08/18/11 18:01	108-10-1	
Acetone	15.4	ug/kg	11.4	1.2	1		08/18/11 18:01	67-64-1	1n,B
Benzene	0.31J	ug/kg	3.4	0.17	1		08/18/11 18:01	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.27	1		08/18/11 18:01	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/18/11 18:01	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/18/11 18:01	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/18/11 18:01	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/18/11 18:01	74-83-9	
Carbon disulfide	3.0J	ug/kg	3.4	0.32	1		08/18/11 18:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		08/18/11 18:01	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/18/11 18:01	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/18/11 18:01	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/18/11 18:01	67-66-3	
Chloromethane	ND	ug/kg	3.4	0.23	1		08/18/11 18:01	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.11	1		08/18/11 18:01	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/18/11 18:01	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.47	1		08/18/11 18:01	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		08/18/11 18:01	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_8 10-12 **Lab ID:** 258845004 Collected: 08/15/11 10:15 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		08/18/11 18:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.39	1		08/18/11 18:01	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.28	1		08/18/11 18:01	1634-04-4	
Methylene chloride	ND	ug/kg	11.4	3.0	1		08/18/11 18:01	75-09-2	
Naphthalene	0.63J	ug/kg	3.4	0.62	1		08/18/11 18:01	91-20-3	B
Styrene	ND	ug/kg	3.4	0.33	1		08/18/11 18:01	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.43	1		08/18/11 18:01	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		08/18/11 18:01	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		08/18/11 18:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/18/11 18:01	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		08/18/11 18:01	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	0.85	1		08/18/11 18:01	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		08/18/11 18:01	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/18/11 18:01	10061-01-5	
m&p-Xylene	ND	ug/kg	6.8	0.85	1		08/18/11 18:01	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		08/18/11 18:01	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		08/18/11 18:01	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/18/11 18:01	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		08/18/11 18:01	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.48	1		08/18/11 18:01	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.29	1		08/18/11 18:01	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/18/11 18:01	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		08/18/11 18:01	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/18/11 18:01	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	95 %		72-129		1		08/18/11 18:01	1868-53-7	
Toluene-d8 (S)	101 %		69-133		1		08/18/11 18:01	2037-26-5	
4-Bromofluorobenzene (S)	106 %		67-142		1		08/18/11 18:01	460-00-4	
1,2-Dichloroethane-d4 (S)	105 %		67-136		1		08/18/11 18:01	17060-07-0	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture **23.8 %** 0.10 0.10 1 08/16/11 16:38

Sample: SUP_SL_8 12-14 **Lab ID:** 258845005 Collected: 08/15/11 10:20 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	17.5	mg/kg	1.9	0.28	1	08/24/11 11:01	08/25/11 22:11	7440-38-2	
Cadmium	0.078J	mg/kg	0.93	0.010	1	08/24/11 11:01	08/25/11 22:11	7440-43-9	
Lead	21.5	mg/kg	0.93	0.058	1	08/24/11 11:01	08/25/11 22:11	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258845

Sample: SUP_SL_8 12-14 Lab ID: 258845005 Collected: 08/15/11 10:20 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	427	135	1	08/17/11 12:30	08/22/11 03:23	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	58	%	26-135		1	08/17/11 12:30	08/22/11 03:23	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.1	0.15	1		08/18/11 18:21	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.1	0.19	1		08/18/11 18:21	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.1	0.29	1		08/18/11 18:21	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.1	0.29	1		08/18/11 18:21	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.1	0.42	1		08/18/11 18:21	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.1	0.25	1		08/18/11 18:21	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.1	0.39	1		08/18/11 18:21	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.1	0.36	1		08/18/11 18:21	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.1	0.29	1		08/18/11 18:21	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.1	0.36	1		08/18/11 18:21	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.1	0.25	1		08/18/11 18:21	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.1	0.54	1		08/18/11 18:21	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	0.41	1		08/18/11 18:21	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.1	0.22	1		08/18/11 18:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.1	0.26	1		08/18/11 18:21	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.1	0.23	1		08/18/11 18:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.3	0.39	1		08/18/11 18:21	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.1	0.19	1		08/18/11 18:21	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.1	0.33	1		08/18/11 18:21	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.1	0.20	1		08/18/11 18:21	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.1	0.29	1		08/18/11 18:21	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.1	0.25	1		08/18/11 18:21	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.1	0.20	1		08/18/11 18:21	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.5	1.6	1		08/18/11 18:21	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.1	0.33	1		08/18/11 18:21	95-49-8	
2-Hexanone	ND	ug/kg	10.5	0.38	1		08/18/11 18:21	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.1	0.28	1		08/18/11 18:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.5	0.32	1		08/18/11 18:21	108-10-1	
Acetone	15.8	ug/kg	10.5	1.1	1		08/18/11 18:21	67-64-1	1n,B
Benzene	0.27J	ug/kg	3.1	0.16	1		08/18/11 18:21	71-43-2	
Bromobenzene	ND	ug/kg	3.1	0.25	1		08/18/11 18:21	108-86-1	
Bromochloromethane	ND	ug/kg	3.1	0.23	1		08/18/11 18:21	74-97-5	
Bromodichloromethane	ND	ug/kg	3.1	0.12	1		08/18/11 18:21	75-27-4	
Bromoform	ND	ug/kg	3.1	0.24	1		08/18/11 18:21	75-25-2	
Bromomethane	ND	ug/kg	3.1	0.33	1		08/18/11 18:21	74-83-9	
Carbon disulfide	2.2J	ug/kg	3.1	0.29	1		08/18/11 18:21	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.1	0.19	1		08/18/11 18:21	56-23-5	
Chlorobenzene	ND	ug/kg	3.1	0.19	1		08/18/11 18:21	108-90-7	
Chloroethane	ND	ug/kg	3.1	0.30	1		08/18/11 18:21	75-00-3	
Chloroform	ND	ug/kg	3.1	0.20	1		08/18/11 18:21	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_8 12-14 Lab ID: 258845005 Collected: 08/15/11 10:20 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	3.1	0.22	1		08/18/11 18:21	74-87-3	
Dibromochloromethane	ND	ug/kg	3.1	0.11	1		08/18/11 18:21	124-48-1	
Dibromomethane	ND	ug/kg	3.1	0.22	1		08/18/11 18:21	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.1	0.43	1		08/18/11 18:21	75-71-8	
Ethylbenzene	ND	ug/kg	3.1	0.40	1		08/18/11 18:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.1	0.31	1		08/18/11 18:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.1	0.36	1		08/18/11 18:21	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.1	0.26	1		08/18/11 18:21	1634-04-4	
Methylene chloride	ND	ug/kg	10.5	2.8	1		08/18/11 18:21	75-09-2	
Naphthalene	ND	ug/kg	3.1	0.57	1		08/18/11 18:21	91-20-3	
Styrene	ND	ug/kg	3.1	0.30	1		08/18/11 18:21	100-42-5	
Tetrachloroethene	ND	ug/kg	3.1	0.40	1		08/18/11 18:21	127-18-4	
Toluene	ND	ug/kg	3.1	0.32	1		08/18/11 18:21	108-88-3	
Trichloroethene	ND	ug/kg	3.1	0.22	1		08/18/11 18:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.1	0.24	1		08/18/11 18:21	75-69-4	
Vinyl chloride	ND	ug/kg	3.1	0.29	1		08/18/11 18:21	75-01-4	
Xylene (Total)	ND	ug/kg	9.4	0.78	1		08/18/11 18:21	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.1	0.22	1		08/18/11 18:21	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.1	0.14	1		08/18/11 18:21	10061-01-5	
m&p-Xylene	ND	ug/kg	6.3	0.78	1		08/18/11 18:21	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.1	0.48	1		08/18/11 18:21	104-51-8	
n-Propylbenzene	ND	ug/kg	3.1	0.37	1		08/18/11 18:21	103-65-1	
o-Xylene	ND	ug/kg	3.1	0.34	1		08/18/11 18:21	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.1	0.40	1		08/18/11 18:21	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.1	0.44	1		08/18/11 18:21	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.1	0.27	1		08/18/11 18:21	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.1	0.36	1		08/18/11 18:21	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.1	0.31	1		08/18/11 18:21	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.1	0.22	1		08/18/11 18:21	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		72-129		1		08/18/11 18:21	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/18/11 18:21	2037-26-5	
4-Bromofluorobenzene (S)	108 %		67-142		1		08/18/11 18:21	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/18/11 18:21	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	23.9 %		0.10	0.10	1		08/16/11 16:39		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_8_DUP Lab ID: 258845006 Collected: 08/15/11 10:25 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	156	mg/kg	4.2	0.62	1	08/24/11 11:01	08/25/11 22:15	7440-38-2	
Cadmium	1.1J	mg/kg	2.1	0.023	1	08/24/11 11:01	08/25/11 22:15	7440-43-9	
Lead	62.7	mg/kg	2.1	0.13	1	08/24/11 11:01	08/25/11 22:15	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	721	228	1	08/17/11 12:30	08/22/11 04:31	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	73	%	26-135		1	08/17/11 12:30	08/22/11 04:31	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.4	0.36	1		08/18/11 18:42	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.4	0.45	1		08/18/11 18:42	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	0.68	1		08/18/11 18:42	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.4	0.69	1		08/18/11 18:42	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.4	0.99	1		08/18/11 18:42	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.4	0.58	1		08/18/11 18:42	75-34-3	
1,1-Dichloroethene	ND	ug/kg	7.4	0.91	1		08/18/11 18:42	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.4	0.86	1		08/18/11 18:42	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.4	0.69	1		08/18/11 18:42	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.4	0.84	1		08/18/11 18:42	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	0.60	1		08/18/11 18:42	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	7.4	1.3	1		08/18/11 18:42	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.3	0.96	1		08/18/11 18:42	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	0.52	1		08/18/11 18:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.4	0.61	1		08/18/11 18:42	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.4	0.55	1		08/18/11 18:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	14.8	0.91	1		08/18/11 18:42	540-59-0	
1,2-Dichloropropane	ND	ug/kg	7.4	0.45	1		08/18/11 18:42	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.4	0.79	1		08/18/11 18:42	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.4	0.47	1		08/18/11 18:42	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.4	0.68	1		08/18/11 18:42	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.4	0.59	1		08/18/11 18:42	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.4	0.46	1		08/18/11 18:42	594-20-7	
2-Butanone (MEK)	34.3	ug/kg	24.6	3.7	1		08/18/11 18:42	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.4	0.77	1		08/18/11 18:42	95-49-8	
2-Hexanone	ND	ug/kg	24.6	0.89	1		08/18/11 18:42	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.4	0.66	1		08/18/11 18:42	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.6	0.75	1		08/18/11 18:42	108-10-1	
Acetone	127	ug/kg	24.6	2.7	1		08/18/11 18:42	67-64-1	1n,B
Benzene	1.1J	ug/kg	7.4	0.37	1		08/18/11 18:42	71-43-2	
Bromobenzene	ND	ug/kg	7.4	0.58	1		08/18/11 18:42	108-86-1	
Bromochloromethane	ND	ug/kg	7.4	0.54	1		08/18/11 18:42	74-97-5	
Bromodichloromethane	ND	ug/kg	7.4	0.29	1		08/18/11 18:42	75-27-4	
Bromoform	ND	ug/kg	7.4	0.57	1		08/18/11 18:42	75-25-2	
Bromomethane	ND	ug/kg	7.4	0.78	1		08/18/11 18:42	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_8_DUP Lab ID: 258845006 Collected: 08/15/11 10:25 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	26.3	ug/kg	7.4	0.69	1		08/18/11 18:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.4	0.45	1		08/18/11 18:42	56-23-5	
Chlorobenzene	ND	ug/kg	7.4	0.45	1		08/18/11 18:42	108-90-7	
Chloroethane	ND	ug/kg	7.4	0.71	1		08/18/11 18:42	75-00-3	
Chloroform	ND	ug/kg	7.4	0.48	1		08/18/11 18:42	67-66-3	
Chloromethane	ND	ug/kg	7.4	0.51	1		08/18/11 18:42	74-87-3	
Dibromochloromethane	ND	ug/kg	7.4	0.25	1		08/18/11 18:42	124-48-1	
Dibromomethane	ND	ug/kg	7.4	0.51	1		08/18/11 18:42	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.4	1.0	1		08/18/11 18:42	75-71-8	
Ethylbenzene	ND	ug/kg	7.4	0.93	1		08/18/11 18:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.4	0.73	1		08/18/11 18:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	0.85	1		08/18/11 18:42	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.4	0.62	1		08/18/11 18:42	1634-04-4	
Methylene chloride	ND	ug/kg	24.6	6.5	1		08/18/11 18:42	75-09-2	
Naphthalene	2.0J	ug/kg	7.4	1.4	1		08/18/11 18:42	91-20-3	B
Styrene	ND	ug/kg	7.4	0.71	1		08/18/11 18:42	100-42-5	
Tetrachloroethene	ND	ug/kg	7.4	0.94	1		08/18/11 18:42	127-18-4	
Toluene	1.1J	ug/kg	7.4	0.76	1		08/18/11 18:42	108-88-3	
Trichloroethene	ND	ug/kg	7.4	0.52	1		08/18/11 18:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.4	0.56	1		08/18/11 18:42	75-69-4	
Vinyl chloride	ND	ug/kg	7.4	0.69	1		08/18/11 18:42	75-01-4	
Xylene (Total)	ND	ug/kg	22.2	1.8	1		08/18/11 18:42	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	7.4	0.51	1		08/18/11 18:42	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.4	0.32	1		08/18/11 18:42	10061-01-5	
m&p-Xylene	ND	ug/kg	14.8	1.8	1		08/18/11 18:42	179601-23-1	
n-Butylbenzene	ND	ug/kg	7.4	1.1	1		08/18/11 18:42	104-51-8	
n-Propylbenzene	ND	ug/kg	7.4	0.87	1		08/18/11 18:42	103-65-1	
o-Xylene	ND	ug/kg	7.4	0.80	1		08/18/11 18:42	95-47-6	
p-Isopropyltoluene	ND	ug/kg	7.4	0.95	1		08/18/11 18:42	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.4	1.0	1		08/18/11 18:42	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.4	0.64	1		08/18/11 18:42	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.4	0.85	1		08/18/11 18:42	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.4	0.74	1		08/18/11 18:42	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	0.52	1		08/18/11 18:42	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105 %		72-129		1		08/18/11 18:42	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/18/11 18:42	2037-26-5	
4-Bromofluorobenzene (S)	109 %		67-142		1		08/18/11 18:42	460-00-4	
1,2-Dichloroethane-d4 (S)	107 %		67-136		1		08/18/11 18:42	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	54.9 %		0.10	0.10	1		08/16/11 16:40		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258845

Sample: Trip Blank #17 Lab ID: 258845007 Collected: 08/15/11 10:30 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/18/11 16:39	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/18/11 16:39	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/18/11 16:39	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/18/11 16:39	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/18/11 16:39	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/18/11 16:39	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/18/11 16:39	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/18/11 16:39	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/18/11 16:39	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/18/11 16:39	96-18-4	
1,2,4-Trichlorobenzene	0.25J	ug/kg	3.0	0.24	1		08/18/11 16:39	120-82-1	B
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/18/11 16:39	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/18/11 16:39	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/18/11 16:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/18/11 16:39	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/18/11 16:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/18/11 16:39	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/18/11 16:39	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/18/11 16:39	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/18/11 16:39	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/18/11 16:39	142-28-9	
1,4-Dichlorobenzene	0.27J	ug/kg	3.0	0.24	1		08/18/11 16:39	106-46-7	B
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/18/11 16:39	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/18/11 16:39	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/18/11 16:39	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/18/11 16:39	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/18/11 16:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/18/11 16:39	108-10-1	
Acetone	3.6J	ug/kg	10.0	1.1	1		08/18/11 16:39	67-64-1	B
Benzene	ND	ug/kg	3.0	0.15	1		08/18/11 16:39	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/18/11 16:39	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/18/11 16:39	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/18/11 16:39	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/18/11 16:39	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/18/11 16:39	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		08/18/11 16:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/18/11 16:39	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/18/11 16:39	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/18/11 16:39	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/18/11 16:39	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/18/11 16:39	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/18/11 16:39	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/18/11 16:39	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/18/11 16:39	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/18/11 16:39	100-41-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258845

Sample: Trip Blank #17 **Lab ID: 258845007** Collected: 08/15/11 10:30 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/18/11 16:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/18/11 16:39	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/18/11 16:39	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	2.6	1		08/18/11 16:39	75-09-2	
Naphthalene	0.83J	ug/kg	3.0	0.55	1		08/18/11 16:39	91-20-3	B
Styrene	ND	ug/kg	3.0	0.29	1		08/18/11 16:39	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/18/11 16:39	127-18-4	
Toluene	0.36J	ug/kg	3.0	0.31	1		08/18/11 16:39	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/18/11 16:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/18/11 16:39	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/18/11 16:39	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/18/11 16:39	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/18/11 16:39	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/18/11 16:39	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/18/11 16:39	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/18/11 16:39	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/18/11 16:39	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/18/11 16:39	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/18/11 16:39	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/18/11 16:39	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/18/11 16:39	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/18/11 16:39	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/18/11 16:39	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/18/11 16:39	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		72-129		1		08/18/11 16:39	1868-53-7	
Toluene-d8 (S)	97 %		69-133		1		08/18/11 16:39	2037-26-5	
4-Bromofluorobenzene (S)	105 %		67-142		1		08/18/11 16:39	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		67-136		1		08/18/11 16:39	17060-07-0	

Sample: SUP_SL_21 7-8 **Lab ID: 258845008** Collected: 08/15/11 09:00 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	676	214	1	08/17/11 12:30	08/22/11 04:54	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	75 %		26-135		1	08/17/11 12:30	08/22/11 04:54	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	51.4 %		0.10	0.10	1		08/16/11 16:43		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_21 8-10 Lab ID: 258845009 Collected: 08/15/11 09:05 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	77.2	mg/kg	4.3	0.65	1	08/24/11 11:01	08/25/11 22:19	7440-38-2	
Cadmium	0.45J	mg/kg	2.2	0.024	1	08/24/11 11:01	08/25/11 22:19	7440-43-9	
Lead	24.2	mg/kg	2.2	0.14	1	08/24/11 11:01	08/25/11 22:19	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	779	247	1	08/17/11 14:55	08/22/11 08:42	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	57	%	26-135		1	08/17/11 14:55	08/22/11 08:42	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.4	0.41	1		08/18/11 19:02	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	8.4	0.51	1		08/18/11 19:02	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.4	0.78	1		08/18/11 19:02	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	8.4	0.78	1		08/18/11 19:02	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	8.4	1.1	1		08/18/11 19:02	76-13-1	
1,1-Dichloroethane	ND	ug/kg	8.4	0.67	1		08/18/11 19:02	75-34-3	
1,1-Dichloroethene	ND	ug/kg	8.4	1.0	1		08/18/11 19:02	75-35-4	
1,1-Dichloropropene	ND	ug/kg	8.4	0.98	1		08/18/11 19:02	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	8.4	0.78	1		08/18/11 19:02	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	8.4	0.96	1		08/18/11 19:02	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	8.4	0.68	1		08/18/11 19:02	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	8.4	1.5	1		08/18/11 19:02	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.0	1.1	1		08/18/11 19:02	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.4	0.59	1		08/18/11 19:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	8.4	0.69	1		08/18/11 19:02	95-50-1	
1,2-Dichloroethane	ND	ug/kg	8.4	0.62	1		08/18/11 19:02	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	16.8	1.0	1		08/18/11 19:02	540-59-0	
1,2-Dichloropropane	ND	ug/kg	8.4	0.51	1		08/18/11 19:02	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	8.4	0.89	1		08/18/11 19:02	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	8.4	0.53	1		08/18/11 19:02	541-73-1	
1,3-Dichloropropane	ND	ug/kg	8.4	0.78	1		08/18/11 19:02	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	8.4	0.67	1		08/18/11 19:02	106-46-7	
2,2-Dichloropropane	ND	ug/kg	8.4	0.52	1		08/18/11 19:02	594-20-7	
2-Butanone (MEK)	ND	ug/kg	28.1	4.2	1		08/18/11 19:02	78-93-3	
2-Chlorotoluene	ND	ug/kg	8.4	0.88	1		08/18/11 19:02	95-49-8	
2-Hexanone	ND	ug/kg	28.1	1.0	1		08/18/11 19:02	591-78-6	
4-Chlorotoluene	ND	ug/kg	8.4	0.75	1		08/18/11 19:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.1	0.85	1		08/18/11 19:02	108-10-1	
Acetone	36.7	ug/kg	28.1	3.1	1		08/18/11 19:02	67-64-1	1n,B
Benzene	0.58J	ug/kg	8.4	0.42	1		08/18/11 19:02	71-43-2	
Bromobenzene	ND	ug/kg	8.4	0.66	1		08/18/11 19:02	108-86-1	
Bromochloromethane	ND	ug/kg	8.4	0.62	1		08/18/11 19:02	74-97-5	
Bromodichloromethane	ND	ug/kg	8.4	0.33	1		08/18/11 19:02	75-27-4	
Bromoform	ND	ug/kg	8.4	0.65	1		08/18/11 19:02	75-25-2	
Bromomethane	ND	ug/kg	8.4	0.89	1		08/18/11 19:02	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_21 8-10 Lab ID: 258845009 Collected: 08/15/11 09:05 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	9.9	ug/kg	8.4	0.78	1		08/18/11 19:02	75-15-0	
Carbon tetrachloride	ND	ug/kg	8.4	0.51	1		08/18/11 19:02	56-23-5	
Chlorobenzene	ND	ug/kg	8.4	0.51	1		08/18/11 19:02	108-90-7	
Chloroethane	ND	ug/kg	8.4	0.81	1		08/18/11 19:02	75-00-3	
Chloroform	ND	ug/kg	8.4	0.55	1		08/18/11 19:02	67-66-3	
Chloromethane	ND	ug/kg	8.4	0.58	1		08/18/11 19:02	74-87-3	
Dibromochloromethane	ND	ug/kg	8.4	0.28	1		08/18/11 19:02	124-48-1	
Dibromomethane	ND	ug/kg	8.4	0.58	1		08/18/11 19:02	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	8.4	1.2	1		08/18/11 19:02	75-71-8	
Ethylbenzene	ND	ug/kg	8.4	1.1	1		08/18/11 19:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.4	0.83	1		08/18/11 19:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	8.4	0.97	1		08/18/11 19:02	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	8.4	0.70	1		08/18/11 19:02	1634-04-4	
Methylene chloride	ND	ug/kg	28.1	7.4	1		08/18/11 19:02	75-09-2	
Naphthalene	ND	ug/kg	8.4	1.5	1		08/18/11 19:02	91-20-3	
Styrene	ND	ug/kg	8.4	0.81	1		08/18/11 19:02	100-42-5	
Tetrachloroethene	ND	ug/kg	8.4	1.1	1		08/18/11 19:02	127-18-4	
Toluene	ND	ug/kg	8.4	0.86	1		08/18/11 19:02	108-88-3	
Trichloroethene	ND	ug/kg	8.4	0.59	1		08/18/11 19:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.4	0.64	1		08/18/11 19:02	75-69-4	
Vinyl chloride	ND	ug/kg	8.4	0.79	1		08/18/11 19:02	75-01-4	
Xylene (Total)	ND	ug/kg	25.2	2.1	1		08/18/11 19:02	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	8.4	0.59	1		08/18/11 19:02	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	8.4	0.37	1		08/18/11 19:02	10061-01-5	
m&p-Xylene	ND	ug/kg	16.8	2.1	1		08/18/11 19:02	179601-23-1	
n-Butylbenzene	ND	ug/kg	8.4	1.3	1		08/18/11 19:02	104-51-8	
n-Propylbenzene	ND	ug/kg	8.4	0.99	1		08/18/11 19:02	103-65-1	
o-Xylene	ND	ug/kg	8.4	0.91	1		08/18/11 19:02	95-47-6	
p-Isopropyltoluene	ND	ug/kg	8.4	1.1	1		08/18/11 19:02	99-87-6	
sec-Butylbenzene	ND	ug/kg	8.4	1.2	1		08/18/11 19:02	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	8.4	0.73	1		08/18/11 19:02	994-05-8	
tert-Butylbenzene	ND	ug/kg	8.4	0.97	1		08/18/11 19:02	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	8.4	0.84	1		08/18/11 19:02	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.4	0.59	1		08/18/11 19:02	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99 %		72-129		1		08/18/11 19:02	1868-53-7	
Toluene-d8 (S)	98 %		69-133		1		08/18/11 19:02	2037-26-5	
4-Bromofluorobenzene (S)	104 %		67-142		1		08/18/11 19:02	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		67-136		1		08/18/11 19:02	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	57.7 %		0.10	0.10	1		08/16/11 16:43		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258845

Sample: SUP_SL_21 10-12 Lab ID: 258845010 Collected: 08/15/11 09:10 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	11.6J	mg/kg	13.3	2.0	5	08/24/11 11:01	08/25/11 21:03	7440-38-2	
Cadmium	ND	mg/kg	6.7	0.073	5	08/24/11 11:01	08/25/11 21:03	7440-43-9	D3
Lead	6.3	mg/kg	1.3	0.084	1	08/24/11 11:01	08/25/11 22:22	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	486	154	1	08/17/11 12:30	08/22/11 05:16	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	83	%	26-135		1	08/17/11 12:30	08/22/11 05:16	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	0.20	1		08/18/11 19:23	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.2	0.26	1		08/18/11 19:23	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	0.39	1		08/18/11 19:23	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.2	0.39	1		08/18/11 19:23	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	0.56	1		08/18/11 19:23	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.2	0.33	1		08/18/11 19:23	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.2	0.52	1		08/18/11 19:23	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.2	0.49	1		08/18/11 19:23	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	0.39	1		08/18/11 19:23	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.2	0.48	1		08/18/11 19:23	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	0.34	1		08/18/11 19:23	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	0.72	1		08/18/11 19:23	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	0.55	1		08/18/11 19:23	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	0.29	1		08/18/11 19:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	0.34	1		08/18/11 19:23	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.2	0.31	1		08/18/11 19:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.4	0.52	1		08/18/11 19:23	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.2	0.25	1		08/18/11 19:23	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	0.45	1		08/18/11 19:23	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.2	0.27	1		08/18/11 19:23	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.2	0.39	1		08/18/11 19:23	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.2	0.34	1		08/18/11 19:23	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.2	0.26	1		08/18/11 19:23	594-20-7	
2-Butanone (MEK)	6.1J	ug/kg	14.0	2.1	1		08/18/11 19:23	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.2	0.44	1		08/18/11 19:23	95-49-8	
2-Hexanone	ND	ug/kg	14.0	0.50	1		08/18/11 19:23	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.2	0.37	1		08/18/11 19:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.0	0.43	1		08/18/11 19:23	108-10-1	
Acetone	18.3	ug/kg	14.0	1.5	1		08/18/11 19:23	67-64-1	1n,B
Benzene	0.33J	ug/kg	4.2	0.21	1		08/18/11 19:23	71-43-2	
Bromobenzene	ND	ug/kg	4.2	0.33	1		08/18/11 19:23	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	0.31	1		08/18/11 19:23	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	0.16	1		08/18/11 19:23	75-27-4	
Bromoform	ND	ug/kg	4.2	0.32	1		08/18/11 19:23	75-25-2	
Bromomethane	ND	ug/kg	4.2	0.44	1		08/18/11 19:23	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_21 10-12 Lab ID: 258845010 Collected: 08/15/11 09:10 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	4.4	ug/kg	4.2	0.39	1		08/18/11 19:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	0.25	1		08/18/11 19:23	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	0.26	1		08/18/11 19:23	108-90-7	
Chloroethane	ND	ug/kg	4.2	0.40	1		08/18/11 19:23	75-00-3	
Chloroform	ND	ug/kg	4.2	0.27	1		08/18/11 19:23	67-66-3	
Chloromethane	ND	ug/kg	4.2	0.29	1		08/18/11 19:23	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	0.14	1		08/18/11 19:23	124-48-1	
Dibromomethane	ND	ug/kg	4.2	0.29	1		08/18/11 19:23	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.2	0.58	1		08/18/11 19:23	75-71-8	
Ethylbenzene	ND	ug/kg	4.2	0.53	1		08/18/11 19:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	0.42	1		08/18/11 19:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	0.48	1		08/18/11 19:23	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	0.35	1		08/18/11 19:23	1634-04-4	
Methylene chloride	ND	ug/kg	14.0	3.7	1		08/18/11 19:23	75-09-2	
Naphthalene	ND	ug/kg	4.2	0.77	1		08/18/11 19:23	91-20-3	
Styrene	ND	ug/kg	4.2	0.40	1		08/18/11 19:23	100-42-5	
Tetrachloroethene	ND	ug/kg	4.2	0.53	1		08/18/11 19:23	127-18-4	
Toluene	ND	ug/kg	4.2	0.43	1		08/18/11 19:23	108-88-3	
Trichloroethene	ND	ug/kg	4.2	0.29	1		08/18/11 19:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	0.32	1		08/18/11 19:23	75-69-4	
Vinyl chloride	ND	ug/kg	4.2	0.39	1		08/18/11 19:23	75-01-4	
Xylene (Total)	ND	ug/kg	12.6	1.0	1		08/18/11 19:23	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	0.29	1		08/18/11 19:23	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	0.18	1		08/18/11 19:23	10061-01-5	
m&p-Xylene	ND	ug/kg	8.4	1.0	1		08/18/11 19:23	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.2	0.64	1		08/18/11 19:23	104-51-8	
n-Propylbenzene	ND	ug/kg	4.2	0.49	1		08/18/11 19:23	103-65-1	
o-Xylene	ND	ug/kg	4.2	0.46	1		08/18/11 19:23	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.2	0.54	1		08/18/11 19:23	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.2	0.59	1		08/18/11 19:23	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.2	0.36	1		08/18/11 19:23	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.2	0.48	1		08/18/11 19:23	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	0.42	1		08/18/11 19:23	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	0.29	1		08/18/11 19:23	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110	%	72-129		1		08/18/11 19:23	1868-53-7	
Toluene-d8 (S)	93	%	69-133		1		08/18/11 19:23	2037-26-5	
4-Bromofluorobenzene (S)	108	%	67-142		1		08/18/11 19:23	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	67-136		1		08/18/11 19:23	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	33.7	%	0.10	0.10	1		08/16/11 16:44		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_21 12-14 Lab ID: 258845011 Collected: 08/15/11 09:15 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4.0	mg/kg	2.4	0.36	1	08/24/11 11:01	08/25/11 22:26	7440-38-2	
Cadmium	ND	mg/kg	1.2	0.013	1	08/24/11 11:01	08/25/11 22:26	7440-43-9	
Lead	3.7	mg/kg	1.2	0.075	1	08/24/11 11:01	08/25/11 22:26	7439-92-1	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	449	142	1	08/17/11 12:30	08/22/11 05:39	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	82	%	26-135		1	08/17/11 12:30	08/22/11 05:39	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	0.18	1		08/18/11 19:43	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	0.23	1		08/18/11 19:43	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	0.35	1		08/18/11 19:43	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	0.35	1		08/18/11 19:43	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	0.51	1		08/18/11 19:43	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	0.30	1		08/18/11 19:43	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	0.47	1		08/18/11 19:43	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	0.44	1		08/18/11 19:43	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	0.35	1		08/18/11 19:43	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	0.43	1		08/18/11 19:43	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	0.31	1		08/18/11 19:43	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	0.65	1		08/18/11 19:43	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	0.49	1		08/18/11 19:43	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	0.26	1		08/18/11 19:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	0.31	1		08/18/11 19:43	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	0.28	1		08/18/11 19:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.5	0.47	1		08/18/11 19:43	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/18/11 19:43	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	0.40	1		08/18/11 19:43	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	0.24	1		08/18/11 19:43	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	0.35	1		08/18/11 19:43	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	0.30	1		08/18/11 19:43	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	0.23	1		08/18/11 19:43	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.6	1.9	1		08/18/11 19:43	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	0.40	1		08/18/11 19:43	95-49-8	
2-Hexanone	ND	ug/kg	12.6	0.45	1		08/18/11 19:43	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	0.33	1		08/18/11 19:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.6	0.38	1		08/18/11 19:43	108-10-1	
Acetone	11.8J	ug/kg	12.6	1.4	1		08/18/11 19:43	67-64-1	B
Benzene	0.25J	ug/kg	3.8	0.19	1		08/18/11 19:43	71-43-2	
Bromobenzene	ND	ug/kg	3.8	0.29	1		08/18/11 19:43	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	0.28	1		08/18/11 19:43	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	0.15	1		08/18/11 19:43	75-27-4	
Bromoform	ND	ug/kg	3.8	0.29	1		08/18/11 19:43	75-25-2	
Bromomethane	ND	ug/kg	3.8	0.40	1		08/18/11 19:43	74-83-9	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258845

Sample: SUP_SL_21 12-14 Lab ID: 258845011 Collected: 08/15/11 09:15 Received: 08/15/11 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon disulfide	1.6J	ug/kg	3.8	0.35	1		08/18/11 19:43	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	0.23	1		08/18/11 19:43	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	0.23	1		08/18/11 19:43	108-90-7	
Chloroethane	ND	ug/kg	3.8	0.36	1		08/18/11 19:43	75-00-3	
Chloroform	ND	ug/kg	3.8	0.24	1		08/18/11 19:43	67-66-3	
Chloromethane	ND	ug/kg	3.8	0.26	1		08/18/11 19:43	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	0.13	1		08/18/11 19:43	124-48-1	
Dibromomethane	ND	ug/kg	3.8	0.26	1		08/18/11 19:43	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	0.52	1		08/18/11 19:43	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	0.48	1		08/18/11 19:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	0.37	1		08/18/11 19:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	0.44	1		08/18/11 19:43	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	0.31	1		08/18/11 19:43	1634-04-4	
Methylene chloride	ND	ug/kg	12.6	3.3	1		08/18/11 19:43	75-09-2	
Naphthalene	ND	ug/kg	3.8	0.69	1		08/18/11 19:43	91-20-3	
Styrene	ND	ug/kg	3.8	0.36	1		08/18/11 19:43	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	0.48	1		08/18/11 19:43	127-18-4	
Toluene	0.46J	ug/kg	3.8	0.39	1		08/18/11 19:43	108-88-3	
Trichloroethene	ND	ug/kg	3.8	0.26	1		08/18/11 19:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	0.29	1		08/18/11 19:43	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	0.35	1		08/18/11 19:43	75-01-4	
Xylene (Total)	ND	ug/kg	11.3	0.94	1		08/18/11 19:43	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	0.26	1		08/18/11 19:43	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	0.16	1		08/18/11 19:43	10061-01-5	
m&p-Xylene	ND	ug/kg	7.5	0.94	1		08/18/11 19:43	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	0.57	1		08/18/11 19:43	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	0.44	1		08/18/11 19:43	103-65-1	
o-Xylene	ND	ug/kg	3.8	0.41	1		08/18/11 19:43	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	0.48	1		08/18/11 19:43	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	0.53	1		08/18/11 19:43	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	0.33	1		08/18/11 19:43	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.8	0.43	1		08/18/11 19:43	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	0.38	1		08/18/11 19:43	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	0.26	1		08/18/11 19:43	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102 %		72-129		1		08/18/11 19:43	1868-53-7	
Toluene-d8 (S)	95 %		69-133		1		08/18/11 19:43	2037-26-5	
4-Bromofluorobenzene (S)	105 %		67-142		1		08/18/11 19:43	460-00-4	
1,2-Dichloroethane-d4 (S)	103 %		67-136		1		08/18/11 19:43	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	28.3 %		0.10	0.10	1		08/16/11 16:44		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258845

QC Batch: MPRP/2432 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 258845003, 258845004, 258845005, 258845006, 258845009, 258845010, 258845011

METHOD BLANK: 83198 Matrix: Solid
 Associated Lab Samples: 258845003, 258845004, 258845005, 258845006, 258845009, 258845010, 258845011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/25/11 19:52	
Cadmium	mg/kg	ND	1.0	08/25/11 19:52	
Lead	mg/kg	ND	1.0	08/25/11 19:52	

LABORATORY CONTROL SAMPLE: 83199

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.2	97	80-120	
Cadmium	mg/kg	25	24.5	98	80-120	
Lead	mg/kg	25	24.7	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83200 83201

Parameter	Units	258823003		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec				
Arsenic	mg/kg	58.9	46.8	46.6	105	99.3	99	87	75-125	6	20	
Cadmium	mg/kg	0.27J	46.8	46.6	48.3	46.0	102	98	75-125	5	20	
Lead	mg/kg	6.2	46.8	46.6	51.5	51.0	97	96	75-125	.8	20	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258845

QC Batch: MSV/5163

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258845003, 258845004, 258845005, 258845006, 258845007, 258845009, 258845010, 258845011

METHOD BLANK: 82463

Matrix: Solid

Associated Lab Samples: 258845003, 258845004, 258845005, 258845006, 258845007, 258845009, 258845010, 258845011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1-Dichloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,1-Dichloroethene	ug/kg	ND	3.0	08/18/11 16:18	
1,1-Dichloropropene	ug/kg	ND	3.0	08/18/11 16:18	
1,2,3-Trichlorobenzene	ug/kg	0.67J	3.0	08/18/11 16:18	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/18/11 16:18	
1,2,4-Trichlorobenzene	ug/kg	0.45J	3.0	08/18/11 16:18	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/18/11 16:18	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/18/11 16:18	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/18/11 16:18	
1,2-Dichloroethane	ug/kg	ND	3.0	08/18/11 16:18	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/18/11 16:18	
1,2-Dichloropropane	ug/kg	ND	3.0	08/18/11 16:18	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/18/11 16:18	
1,3-Dichloropropane	ug/kg	ND	3.0	08/18/11 16:18	
1,4-Dichlorobenzene	ug/kg	0.26J	3.0	08/18/11 16:18	
2,2-Dichloropropane	ug/kg	ND	3.0	08/18/11 16:18	
2-Butanone (MEK)	ug/kg	ND	10.0	08/18/11 16:18	
2-Chlorotoluene	ug/kg	ND	3.0	08/18/11 16:18	
2-Hexanone	ug/kg	ND	10.0	08/18/11 16:18	
4-Chlorotoluene	ug/kg	ND	3.0	08/18/11 16:18	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/18/11 16:18	
Acetone	ug/kg	3.0J	10.0	08/18/11 16:18	
Benzene	ug/kg	ND	3.0	08/18/11 16:18	
Bromobenzene	ug/kg	ND	3.0	08/18/11 16:18	
Bromochloromethane	ug/kg	ND	3.0	08/18/11 16:18	
Bromodichloromethane	ug/kg	ND	3.0	08/18/11 16:18	
Bromoform	ug/kg	ND	3.0	08/18/11 16:18	
Bromomethane	ug/kg	ND	3.0	08/18/11 16:18	
Carbon disulfide	ug/kg	ND	3.0	08/18/11 16:18	
Carbon tetrachloride	ug/kg	ND	3.0	08/18/11 16:18	
Chlorobenzene	ug/kg	ND	3.0	08/18/11 16:18	
Chloroethane	ug/kg	ND	3.0	08/18/11 16:18	
Chloroform	ug/kg	ND	3.0	08/18/11 16:18	
Chloromethane	ug/kg	ND	3.0	08/18/11 16:18	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/18/11 16:18	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/18/11 16:18	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 24 of 32

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258845

METHOD BLANK: 82463

Matrix: Solid

Associated Lab Samples: 258845003, 258845004, 258845005, 258845006, 258845007, 258845009, 258845010, 258845011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/18/11 16:18	
Dibromomethane	ug/kg	ND	3.0	08/18/11 16:18	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/18/11 16:18	
Ethylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/18/11 16:18	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/18/11 16:18	
m&p-Xylene	ug/kg	ND	6.0	08/18/11 16:18	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/18/11 16:18	
Methylene chloride	ug/kg	2.7J	10.0	08/18/11 16:18	
n-Butylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
n-Propylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
Naphthalene	ug/kg	1.0J	3.0	08/18/11 16:18	
o-Xylene	ug/kg	ND	3.0	08/18/11 16:18	
p-Isopropyltoluene	ug/kg	ND	3.0	08/18/11 16:18	
sec-Butylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
Styrene	ug/kg	ND	3.0	08/18/11 16:18	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/18/11 16:18	
tert-Butylbenzene	ug/kg	ND	3.0	08/18/11 16:18	
Tetrachloroethene	ug/kg	ND	3.0	08/18/11 16:18	
Toluene	ug/kg	ND	3.0	08/18/11 16:18	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/18/11 16:18	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/18/11 16:18	
Trichloroethene	ug/kg	ND	3.0	08/18/11 16:18	
Trichlorofluoromethane	ug/kg	ND	3.0	08/18/11 16:18	
Vinyl chloride	ug/kg	ND	3.0	08/18/11 16:18	
Xylene (Total)	ug/kg	ND	9.0	08/18/11 16:18	
1,2-Dichloroethane-d4 (S)	%	98	67-136	08/18/11 16:18	
4-Bromofluorobenzene (S)	%	103	67-142	08/18/11 16:18	
Dibromofluoromethane (S)	%	100	72-129	08/18/11 16:18	
Toluene-d8 (S)	%	99	69-133	08/18/11 16:18	

LABORATORY CONTROL SAMPLE & LCSD: 82464

82525

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.3	51.4	105	103	68-127	2	15	
1,1,1-Trichloroethane	ug/kg	50	56.1	53.7	112	107	69-139	4	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	55.0	50.1	110	100	63-137	9	15	
1,1,2-Trichloroethane	ug/kg	50	50.9	47.0	102	94	65-131	8	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	51.9	53.1	104	106	64-153	2	27	
1,1-Dichloroethane	ug/kg	50	52.0	49.9	104	100	69-133	4	23	
1,1-Dichloroethene	ug/kg	50	57.5	60.8	115	122	68-157	5	28	
1,1-Dichloropropene	ug/kg	50	56.0	50.9	112	102	68-140	9	21	
1,2,3-Trichlorobenzene	ug/kg	50	52.0	54.3	104	109	69-132	4	15	
1,2,3-Trichloropropane	ug/kg	50	51.1	48.1	102	96	71-124	6	15	
1,2,4-Trichlorobenzene	ug/kg	50	53.9	53.9	108	108	68-137	.07	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258845

LABORATORY CONTROL SAMPLE & LCSD: 82464		82525									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,2,4-Trimethylbenzene	ug/kg	50	53.7	51.5	107	103	74-124	4	18		
1,2-Dibromo-3-chloropropane	ug/kg	50	54.2	54.9	108	110	52-133	1	22		
1,2-Dibromoethane (EDB)	ug/kg	50	50.4	47.4	101	95	66-129	6	15		
1,2-Dichlorobenzene	ug/kg	50	51.5	50.7	103	101	78-122	2	15		
1,2-Dichloroethane	ug/kg	50	50.7	47.0	101	94	67-131	8	15		
1,2-Dichloroethene (Total)	ug/kg	100	107	103	107	103	73-143	4	20		
1,2-Dichloropropane	ug/kg	50	53.3	50.5	107	101	67-133	5	15		
1,3,5-Trimethylbenzene	ug/kg	50	54.4	52.1	109	104	78-124	4	15		
1,3-Dichlorobenzene	ug/kg	50	53.0	50.2	106	100	79-122	5	15		
1,3-Dichloropropane	ug/kg	50	51.3	48.3	103	97	62-131	6	15		
1,4-Dichlorobenzene	ug/kg	50	51.9	50.2	104	100	77-119	3	15		
2,2-Dichloropropane	ug/kg	50	56.3	54.4	113	109	66-143	3	20		
2-Butanone (MEK)	ug/kg	100	118	94.1	118	94	44-160	23	27		
2-Chlorotoluene	ug/kg	50	51.8	48.9	104	98	75-123	6	15		
2-Hexanone	ug/kg	100	133	105	133	105	40-160	23	21	D6	
4-Chlorotoluene	ug/kg	50	54.4	52.3	109	105	78-127	4	15		
4-Methyl-2-pentanone (MIBK)	ug/kg	100	116	98.7	116	99	46-156	16	17		
Acetone	ug/kg	100	141	109	141	109	40-160	26	30		
Benzene	ug/kg	50	51.2	49.1	102	98	69-133	4	15		
Bromobenzene	ug/kg	50	51.6	48.4	103	97	81-122	6	15		
Bromochloromethane	ug/kg	50	51.1	48.6	102	97	77-132	5	16		
Bromodichloromethane	ug/kg	50	52.3	49.0	105	98	75-132	7	15		
Bromoform	ug/kg	50	57.3	54.7	115	109	58-128	5	15		
Bromomethane	ug/kg	50	59.0	58.6	118	117	46-160	.8	24		
Carbon disulfide	ug/kg	50	57.2	53.4	114	107	56-143	7	24		
Carbon tetrachloride	ug/kg	50	59.2	56.8	118	114	65-146	4	24		
Chlorobenzene	ug/kg	50	51.0	49.4	102	99	76-123	3	15		
Chloroethane	ug/kg	50	59.3	58.8	119	118	51-146	.9	24		
Chloroform	ug/kg	50	50.7	48.8	101	98	73-132	4	17		
Chloromethane	ug/kg	50	62.2	59.2	124	118	40-142	5	23		
cis-1,2-Dichloroethene	ug/kg	50	52.8	50.1	106	100	75-142	5	20		
cis-1,3-Dichloropropene	ug/kg	50	54.5	51.5	109	103	62-150	6	15		
Dibromochloromethane	ug/kg	50	52.3	50.5	105	101	70-126	4	15		
Dibromomethane	ug/kg	50	54.9	48.1	110	96	75-132	13	15		
Dichlorodifluoromethane	ug/kg	50	83.6	75.8	167	152	40-160	10	24	L3	
Ethylbenzene	ug/kg	50	50.8	49.8	102	100	68-126	2	15		
Hexachloro-1,3-butadiene	ug/kg	50	56.4	55.6	113	111	65-144	2	24		
Isopropylbenzene (Cumene)	ug/kg	50	53.1	51.9	106	104	73-120	2	15		
m&p-Xylene	ug/kg	100	103	101	103	101	66-128	3	15		
Methyl-tert-butyl ether	ug/kg	50	51.5	49.2	103	98	67-134	5	21		
Methylene chloride	ug/kg	50	49.2	48.8	98	98	59-149	.9	20		
n-Butylbenzene	ug/kg	50	56.5	53.5	113	107	72-125	5	17		
n-Propylbenzene	ug/kg	50	50.8	47.3	102	95	73-131	7	18		
Naphthalene	ug/kg	50	51.8	52.3	104	105	54-147	.9	23		
o-Xylene	ug/kg	50	51.0	51.5	102	103	70-125	.9	16		
p-Isopropyltoluene	ug/kg	50	55.7	52.8	111	106	76-127	5	17		
sec-Butylbenzene	ug/kg	50	52.5	49.6	105	99	75-134	6	20		
Styrene	ug/kg	50	52.3	51.6	105	103	72-124	1	19		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258845

LABORATORY CONTROL SAMPLE & LCSD:		82464	82525									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
tert-Amylmethyl ether	ug/kg	50	51.9	49.8	104	100	59-145	4	17			
tert-Butylbenzene	ug/kg	50	56.0	53.0	112	106	74-130	5	21			
Tetrachloroethene	ug/kg	50	58.0	54.7	116	109	57-131	6	22			
Toluene	ug/kg	50	51.9	49.4	104	99	68-130	5	17			
trans-1,2-Dichloroethene	ug/kg	50	54.6	52.7	109	105	71-146	3	21			
trans-1,3-Dichloropropene	ug/kg	50	52.5	51.0	105	102	61-128	3	15			
Trichloroethene	ug/kg	50	53.8	48.8	108	98	71-138	10	18			
Trichlorofluoromethane	ug/kg	50	58.5	56.1	117	112	50-160	4	25			
Vinyl chloride	ug/kg	50	63.5	60.8	127	122	48-141	4	29			
Xylene (Total)	ug/kg	150	154	152	103	101	68-126	2	15			
1,2-Dichloroethane-d4 (S)	%				102	98	67-136					
4-Bromofluorobenzene (S)	%				103	99	67-142					
Dibromofluoromethane (S)	%				100	100	72-129					
Toluene-d8 (S)	%				100	101	69-133					

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258845

QC Batch: OEXT/4229 Analysis Method: EPA 8270
 QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
 Associated Lab Samples: 258845001, 258845002, 258845003, 258845004, 258845005, 258845006, 258845008, 258845010, 258845011

METHOD BLANK: 82216 Matrix: Solid
 Associated Lab Samples: 258845001, 258845002, 258845003, 258845004, 258845005, 258845006, 258845008, 258845010, 258845011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/22/11 00:20	
2,4,6-Tribromophenol (S)	%	48	26-135	08/22/11 00:20	

LABORATORY CONTROL SAMPLE: 82217

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	751	56	20-89	
2,4,6-Tribromophenol (S)	%			78	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82218 82219

Parameter	Units	258845005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/kg	ND	1710	1720	1070	1080	63	63	10-143	.8	28	
2,4,6-Tribromophenol (S)	%						87	82	26-135			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258845

QC Batch: OEXT/4239 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 258845009

METHOD BLANK: 82426 Matrix: Solid
Associated Lab Samples: 258845009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/22/11 01:06	
2,4,6-Tribromophenol (S)	%	46	26-135	08/22/11 01:06	

LABORATORY CONTROL SAMPLE: 82427

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	760	57	20-89	
2,4,6-Tribromophenol (S)	%			83	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82428 82429

Parameter	Units	258888005 Result	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	% Rec	% Rec							
Pentachlorophenol	ug/kg	ND	1790	984	1070	55	60	10-143	8	28				
2,4,6-Tribromophenol (S)	%					80	86	26-135						

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258845

QC Batch: PMST/1793

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 258845001, 258845002, 258845003, 258845004, 258845005, 258845006, 258845008, 258845009, 258845010, 258845011

SAMPLE DUPLICATE: 82153

Parameter	Units	258845005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.9	23.2	3	30	

SAMPLE DUPLICATE: 82154

Parameter	Units	258850001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.5	9.8	15	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 258845

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/5163

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1n Acetone is a potential false positive result due to VOA vial contamination. This contamination was traced to the supplier of these VOA vials.

B Analyte was detected in the associated method blank.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258845

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258845003	SUP_SL_8 8-10	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258845004	SUP_SL_8 10-12	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258845005	SUP_SL_8 12-14	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258845006	SUP_SL_8_DUP	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258845009	SUP_SL_21 8-10	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258845010	SUP_SL_21 10-12	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258845011	SUP_SL_21 12-14	EPA 3050	MPRP/2432	EPA 6010	ICP/2321
258845001	SUP_SL_8 6-7	EPA 3546	OEXT/4229	EPA 8270	MSSV/1744
258845002	SUP_SL_8 7-8	EPA 3546	OEXT/4229	EPA 8270	MSSV/1744
258845003	SUP_SL_8 8-10	EPA 3546	OEXT/4229	EPA 8270	MSSV/1744
258845004	SUP_SL_8 10-12	EPA 3546	OEXT/4229	EPA 8270	MSSV/1744
258845005	SUP_SL_8 12-14	EPA 3546	OEXT/4229	EPA 8270	MSSV/1744
258845006	SUP_SL_8_DUP	EPA 3546	OEXT/4229	EPA 8270	MSSV/1744
258845008	SUP_SL_21 7-8	EPA 3546	OEXT/4229	EPA 8270	MSSV/1744
258845009	SUP_SL_21 8-10	EPA 3546	OEXT/4239	EPA 8270	MSSV/1746
258845010	SUP_SL_21 10-12	EPA 3546	OEXT/4229	EPA 8270	MSSV/1744
258845011	SUP_SL_21 12-14	EPA 3546	OEXT/4229	EPA 8270	MSSV/1744
258845003	SUP_SL_8 8-10	EPA 8260	MSV/5163		
258845004	SUP_SL_8 10-12	EPA 8260	MSV/5163		
258845005	SUP_SL_8 12-14	EPA 8260	MSV/5163		
258845006	SUP_SL_8_DUP	EPA 8260	MSV/5163		
258845007	Trip Blank #17	EPA 8260	MSV/5163		
258845009	SUP_SL_21 8-10	EPA 8260	MSV/5163		
258845010	SUP_SL_21 10-12	EPA 8260	MSV/5163		
258845011	SUP_SL_21 12-14	EPA 8260	MSV/5163		
258845001	SUP_SL_8 6-7	ASTM D2974-87	PMST/1793		
258845002	SUP_SL_8 7-8	ASTM D2974-87	PMST/1793		
258845003	SUP_SL_8 8-10	ASTM D2974-87	PMST/1793		
258845004	SUP_SL_8 10-12	ASTM D2974-87	PMST/1793		
258845005	SUP_SL_8 12-14	ASTM D2974-87	PMST/1793		
258845006	SUP_SL_8_DUP	ASTM D2974-87	PMST/1793		
258845008	SUP_SL_21 7-8	ASTM D2974-87	PMST/1793		
258845009	SUP_SL_21 8-10	ASTM D2974-87	PMST/1793		
258845010	SUP_SL_21 10-12	ASTM D2974-87	PMST/1793		
258845011	SUP_SL_21 12-14	ASTM D2974-87	PMST/1793		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258888
Sample Date(s): August 17, 2011

This review summarizes the data quality of analytical results generated in support of the August 17, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258888.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258888



Delivery Group Summary

Five soil samples and one soil trip blank were collected by Pacific Environmental Redevelopment Corporation on August 17, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for metals (arsenic, cadmium, lead), semivolatile organic compounds (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Metal results by method 6010 have 33.3% of the results qualified.
- Pentachlorophenol results by method 8270 are of acceptable quality. None of the results were qualified.
- VOC results by method 8260 have 3.9% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 5 Samples	Groundwater= 0 Samples	Trip Blank (Soil)= 1 Samples	Trip Blank (Groundwater)= 0 Samples
6010 Metals (As, Pb, Cd)		8260 VOCs	
8270 Pentachlorophenol Only			
8260 VOCs			

<p>Holding Time: All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP. <i>Action: No action was taken based on the evaluation of holding times.</i></p>	Representativeness
---	---------------------------

<p>Surrogates: All surrogate recoveries were within the control limits. <i>Action: No action was taken based on the evaluation of surrogate recoveries.</i></p>	Accuracy
--	-----------------

<p>Blanks: As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via one cooler with the trip blank.</p> <p>The following analytes were detected in the method or trip blanks:</p>	Representativeness
---	---------------------------



Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
258888006	Trip Blank	SUP_SL_7 6-7	258888001	Acetone	3.3 J	ug/kg
		SUP_SL_7 7-8	258888002	Carbon disulfide	0.39 J	ug/kg
		SUP_SL_7 8-10	258888003	Naphthalene	0.66 J	ug/kg
		SUP_SL_7 10-12	258888004	Toluene	0.32 J	ug/kg
82476	Method Blank	SUP_SL_7 8-10	258888003	1,2,3-Trichlorobenzene	0.30 J	ug/kg
		SUP_SL_7 10-12	258888004	Bromomethane	0.50 J	ug/kg
				Carbon disulfide	0.34 J	ug/kg
				Chloromethane	0.66 J	ug/kg
82656	Method Blank	SUP_SL_7 12-14	258888005	1,2,4-Trichlorobenzene	0.40 J	ug/kg
				Acetone	1.8 J	ug/kg
				Naphthalene	1.0 J	ug/kg

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Acetone		
SUP_SL_7 8-10 SUP_SL_7 10-12 SUP_SL_7 12-14	258888003 258888004 258888005	258888006	Trip Blank. Qualified based on criteria 4 and 6. Samples listed are potential false positives (except 258888005) due to vial contamination from the manufacturer.
Analyte:	Carbon disulfide		
SUP_SL_7 8-10 SUP_SL_7 10-12	258888003 258888004	258888006	Trip Blank. Qualified based on criteria 4 and 6.
Analyte:	Toluene		
SUP_SL_7 8-10	258888003	258888006	Trip Blank. Qualified based on criteria 4.
Analyte:	Naphthalene		
SUP_SL_7 8-10	258888003	82476	Method Blank. Qualified based on criteria 4.
SUP_SL_7 12-14	258888005	258888006	Trip Blank. Qualified based on criteria 4.



Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 8260. Method 8260 did not have a MS/MSD prepared and analyzed. All other methods (6010 and 8270) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD and were qualified based on the criteria above:

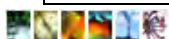
Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_7 8-10	258888003	83650	Arsenic	5/15	75-125		20	Low	Qualified based on criteria 2c.
SUP_SL_7 10-12	258888004								
SUP_SL_7 12-14	258888005								

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 6010 and one per 10 samples for method 8270. Method 8260 had LCS/LCSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics
 - a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
 - b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
 - c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).
2. Inorganics
 - a. Aqueous LCS:
 - i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
 - ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
 - iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
 - iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).



- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).
- b. Solid LCS:
 - i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
 - ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
 - iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
 - iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD. No action was taken based on the evaluation of LCS/LCSDs.

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_7 8-10 SUP_SL_7 10-12	258888003 258888004	82477	Vinyl chloride	111/116	80-112	5	29	High	Based on the criteria above, results were not qualified.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 6010 and 8260, and one every 10 samples for method 8270. No duplicates were collected.

Action: No action was taken based on the evaluation of field duplicates.

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

The chain-of-custody requested that methods 6010, 8270 and 8260 be run on sample Trip Blank #7 (258888006) but 6010 and 8270 were not analyzed. According to the SAP & QAPP, trip blanks were to be run for VOCs for this sample delivery group. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were not used. The temperature of the delivery cooler was recorded at 9.4°C and exceeded the required temperature range. Since the samples were delivered on ice the same day of collection no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Eleven (11) sample results were qualified (see Attachment 1).
- Three detected sample results were qualified as estimated (J) due to MS/MSD recoveries that exceeded control limits.
- Three detected sample results were qualified (B) and five detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258888

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_7 8-10	258888003	EPA 6010	Solid	Arsenic	512	mg/kg	2.7	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_7 8-10	258888003	EPA 8260	Solid	Acetone	44.5	ug/kg	2.3	B	Trip Blank Contamination
SUP_SL_7 8-10	258888003	EPA 8260	Solid	Carbon disulfide	11.2	ug/kg	0.59	B	Trip Blank Contamination
SUP_SL_7 8-10	258888003	EPA 8260	Solid	Naphthalene	1.5 J	ug/kg	1.2	UB	Method Blank Contamination
SUP_SL_7 8-10	258888003	EPA 8260	Solid	Toluene	0.95 J	ug/kg	0.65	UB	Trip Blank Contamination
SUP_SL_7 10-12	258888004	EPA 6010	Solid	Arsenic	16.5	mg/kg	1.8	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_7 10-12	258888004	EPA 8260	Solid	Acetone	18.5	ug/kg	1.5	UB	Trip Blank Contamination
SUP_SL_7 10-12	258888004	EPA 8260	Solid	Carbon disulfide	3.5 J	ug/kg	0.39	B	Trip Blank Contamination
SUP_SL_7 12-14	258888005	EPA 6010	Solid	Arsenic	11.9	mg/kg	0.35	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_7 12-14	258888005	EPA 8260	Solid	Acetone	9.0 J	ug/kg	1.3	UB	Trip Blank Contamination
SUP_SL_7 12-14	258888005	EPA 8260	Solid	Naphthalene	0.70 J	ug/kg	0.63	UB	Trip Blank Contamination

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258888

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 17, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258888

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 258888

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258888001	SUP_SL_7 6-7	Solid	08/17/11 10:00	08/17/11 14:45
258888002	SUP_SL_7 7-8	Solid	08/17/11 10:05	08/17/11 14:45
258888003	SUP_SL_7 8-10	Solid	08/17/11 10:10	08/17/11 14:45
258888004	SUP_SL_7 10-12	Solid	08/17/11 10:15	08/17/11 14:45
258888005	SUP_SL_7 12-14	Solid	08/17/11 10:20	08/17/11 14:45
258888006	Trip Blank #7	Solid	08/17/11 10:25	08/17/11 14:45

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon

Pace Project No.: 258888

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258888001	SUP_SL_7 6-7	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258888002	SUP_SL_7 7-8	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258888003	SUP_SL_7 8-10	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258888004	SUP_SL_7 10-12	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258888005	SUP_SL_7 12-14	EPA 6010	BGA	3	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	KJ1	1	PASI-S
258888006	Trip Blank #7	EPA 8260	LPM	73	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258888

Sample: SUP_SL_7 6-7 **Lab ID: 258888001** Collected: 08/17/11 10:00 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	561	178	1	08/18/11 11:30	08/22/11 06:02	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	75 %		26-135		1	08/18/11 11:30	08/22/11 06:02	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	42.7 %		0.10	0.10	1		08/18/11 16:11		

Sample: SUP_SL_7 7-8 **Lab ID: 258888002** Collected: 08/17/11 10:05 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	236J	ug/kg	648	205	1	08/18/11 11:30	08/22/11 06:25	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	78 %		26-135		1	08/18/11 11:30	08/22/11 06:25	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	49.5 %		0.10	0.10	1		08/18/11 16:12		

Sample: SUP_SL_7 8-10 **Lab ID: 258888003** Collected: 08/17/11 10:10 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	512	mg/kg	17.8	2.7	5	08/26/11 10:04	08/29/11 14:47	7440-38-2	D4
Cadmium	2.4	mg/kg	1.8	0.020	1	08/26/11 10:04	08/29/11 15:51	7440-43-9	
Lead	24.7	mg/kg	1.8	0.11	1	08/26/11 10:04	08/29/11 15:51	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	604	191	1	08/18/11 11:30	08/22/11 06:48	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	79 %		26-135		1	08/18/11 11:30	08/22/11 06:48	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	0.31	1		08/19/11 01:10	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	6.3	0.39	1		08/19/11 01:10	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	0.58	1		08/19/11 01:10	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	6.3	0.59	1		08/19/11 01:10	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.3	0.85	1		08/19/11 01:10	76-13-1	
1,1-Dichloroethane	ND	ug/kg	6.3	0.50	1		08/19/11 01:10	75-34-3	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 6 of 27

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258888

Sample: SUP_SL_7 8-10 Lab ID: 258888003 Collected: 08/17/11 10:10 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1-Dichloroethene	ND	ug/kg	6.3	0.78	1		08/19/11 01:10	75-35-4	
1,1-Dichloropropene	ND	ug/kg	6.3	0.74	1		08/19/11 01:10	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	0.59	1		08/19/11 01:10	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	6.3	0.72	1		08/19/11 01:10	96-18-4	
1,2,4-Trichlorobenzene	0.52J	ug/kg	6.3	0.51	1		08/19/11 01:10	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1.1	1		08/19/11 01:10	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.5	0.82	1		08/19/11 01:10	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	0.44	1		08/19/11 01:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.3	0.52	1		08/19/11 01:10	95-50-1	
1,2-Dichloroethane	ND	ug/kg	6.3	0.47	1		08/19/11 01:10	107-06-2	
1,2-Dichloroethene (Total)	2.6J	ug/kg	12.6	0.78	1		08/19/11 01:10	540-59-0	
1,2-Dichloropropane	ND	ug/kg	6.3	0.38	1		08/19/11 01:10	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	0.67	1		08/19/11 01:10	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	6.3	0.40	1		08/19/11 01:10	541-73-1	
1,3-Dichloropropane	ND	ug/kg	6.3	0.58	1		08/19/11 01:10	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	6.3	0.51	1		08/19/11 01:10	106-46-7	
2,2-Dichloropropane	ND	ug/kg	6.3	0.39	1		08/19/11 01:10	594-20-7	
2-Butanone (MEK)	ND	ug/kg	21.1	3.2	1		08/19/11 01:10	78-93-3	
2-Chlorotoluene	ND	ug/kg	6.3	0.66	1		08/19/11 01:10	95-49-8	
2-Hexanone	ND	ug/kg	21.1	0.76	1		08/19/11 01:10	591-78-6	
4-Chlorotoluene	ND	ug/kg	6.3	0.56	1		08/19/11 01:10	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.1	0.64	1		08/19/11 01:10	108-10-1	
Acetone	44.5	ug/kg	21.1	2.3	1		08/19/11 01:10	67-64-1	1n
Benzene	0.46J	ug/kg	6.3	0.32	1		08/19/11 01:10	71-43-2	
Bromobenzene	ND	ug/kg	6.3	0.49	1		08/19/11 01:10	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	0.46	1		08/19/11 01:10	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	0.25	1		08/19/11 01:10	75-27-4	
Bromoform	ND	ug/kg	6.3	0.49	1		08/19/11 01:10	75-25-2	
Bromomethane	ND	ug/kg	6.3	0.67	1		08/19/11 01:10	74-83-9	
Carbon disulfide	11.2	ug/kg	6.3	0.59	1		08/19/11 01:10	75-15-0	B
Carbon tetrachloride	ND	ug/kg	6.3	0.38	1		08/19/11 01:10	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	0.39	1		08/19/11 01:10	108-90-7	
Chloroethane	ND	ug/kg	6.3	0.61	1		08/19/11 01:10	75-00-3	
Chloroform	ND	ug/kg	6.3	0.41	1		08/19/11 01:10	67-66-3	
Chloromethane	ND	ug/kg	6.3	0.43	1		08/19/11 01:10	74-87-3	
Dibromochloromethane	ND	ug/kg	6.3	0.21	1		08/19/11 01:10	124-48-1	
Dibromomethane	ND	ug/kg	6.3	0.44	1		08/19/11 01:10	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	6.3	0.88	1		08/19/11 01:10	75-71-8	
Ethylbenzene	ND	ug/kg	6.3	0.80	1		08/19/11 01:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.3	0.63	1		08/19/11 01:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	0.73	1		08/19/11 01:10	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.3	0.53	1		08/19/11 01:10	1634-04-4	
Methylene chloride	ND	ug/kg	21.1	5.6	1		08/19/11 01:10	75-09-2	
Naphthalene	1.5J	ug/kg	6.3	1.2	1		08/19/11 01:10	91-20-3	B
Styrene	ND	ug/kg	6.3	0.61	1		08/19/11 01:10	100-42-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258888

Sample: SUP_SL_7 8-10 **Lab ID:** 258888003 Collected: 08/17/11 10:10 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Tetrachloroethene	ND	ug/kg	6.3	0.81	1		08/19/11 01:10	127-18-4	
Toluene	0.95J	ug/kg	6.3	0.65	1		08/19/11 01:10	108-88-3	
Trichloroethene	ND	ug/kg	6.3	0.44	1		08/19/11 01:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.3	0.48	1		08/19/11 01:10	75-69-4	
Vinyl chloride	ND	ug/kg	6.3	0.59	1		08/19/11 01:10	75-01-4	
Xylene (Total)	ND	ug/kg	19.0	1.6	1		08/19/11 01:10	1330-20-7	
cis-1,2-Dichloroethene	2.3J	ug/kg	6.3	0.44	1		08/19/11 01:10	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	0.28	1		08/19/11 01:10	10061-01-5	
m&p-Xylene	ND	ug/kg	12.6	1.6	1		08/19/11 01:10	179601-23-1	
n-Butylbenzene	ND	ug/kg	6.3	0.96	1		08/19/11 01:10	104-51-8	
n-Propylbenzene	ND	ug/kg	6.3	0.74	1		08/19/11 01:10	103-65-1	
o-Xylene	ND	ug/kg	6.3	0.69	1		08/19/11 01:10	95-47-6	
p-Isopropyltoluene	ND	ug/kg	6.3	0.81	1		08/19/11 01:10	99-87-6	
sec-Butylbenzene	ND	ug/kg	6.3	0.88	1		08/19/11 01:10	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	6.3	0.55	1		08/19/11 01:10	994-05-8	
tert-Butylbenzene	ND	ug/kg	6.3	0.73	1		08/19/11 01:10	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	0.63	1		08/19/11 01:10	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	0.44	1		08/19/11 01:10	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		72-129		1		08/19/11 01:10	1868-53-7	
Toluene-d8 (S)	107 %		69-133		1		08/19/11 01:10	2037-26-5	
4-Bromofluorobenzene (S)	115 %		67-142		1		08/19/11 01:10	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		67-136		1		08/19/11 01:10	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	46.0 %		0.10	0.10	1		08/18/11 16:13		

Sample: SUP_SL_7 10-12 **Lab ID:** 258888004 Collected: 08/17/11 10:15 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	16.5	mg/kg	11.9	1.8	5	08/26/11 10:04	08/29/11 14:51	7440-38-2	
Cadmium	ND	mg/kg	6.0	0.065	5	08/26/11 10:04	08/29/11 14:51	7440-43-9	D3
Lead	3.6	mg/kg	1.2	0.075	1	08/26/11 10:04	08/29/11 15:54	7439-92-1	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	472	149	1	08/18/11 11:30	08/22/11 07:11	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	57 %		26-135		1	08/18/11 11:30	08/22/11 07:11	118-79-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258888

Sample: SUP_SL_7 10-12 Lab ID: 258888004 Collected: 08/17/11 10:15 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	0.20	1		08/19/11 01:31	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.2	0.25	1		08/19/11 01:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	0.38	1		08/19/11 01:31	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.2	0.39	1		08/19/11 01:31	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	0.56	1		08/19/11 01:31	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.2	0.33	1		08/19/11 01:31	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.2	0.51	1		08/19/11 01:31	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.2	0.48	1		08/19/11 01:31	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	0.39	1		08/19/11 01:31	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.2	0.47	1		08/19/11 01:31	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	0.34	1		08/19/11 01:31	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	0.72	1		08/19/11 01:31	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	0.54	1		08/19/11 01:31	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	0.29	1		08/19/11 01:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	0.34	1		08/19/11 01:31	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.2	0.31	1		08/19/11 01:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.3	0.51	1		08/19/11 01:31	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.2	0.25	1		08/19/11 01:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	0.44	1		08/19/11 01:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.2	0.26	1		08/19/11 01:31	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.2	0.38	1		08/19/11 01:31	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.2	0.33	1		08/19/11 01:31	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.2	0.26	1		08/19/11 01:31	594-20-7	
2-Butanone (MEK)	5.1J	ug/kg	13.9	2.1	1		08/19/11 01:31	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.2	0.44	1		08/19/11 01:31	95-49-8	
2-Hexanone	ND	ug/kg	13.9	0.50	1		08/19/11 01:31	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.2	0.37	1		08/19/11 01:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.9	0.42	1		08/19/11 01:31	108-10-1	
Acetone	18.5	ug/kg	13.9	1.5	1		08/19/11 01:31	67-64-1	1n
Benzene	ND	ug/kg	4.2	0.21	1		08/19/11 01:31	71-43-2	
Bromobenzene	ND	ug/kg	4.2	0.33	1		08/19/11 01:31	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	0.31	1		08/19/11 01:31	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	0.16	1		08/19/11 01:31	75-27-4	
Bromoform	ND	ug/kg	4.2	0.32	1		08/19/11 01:31	75-25-2	
Bromomethane	ND	ug/kg	4.2	0.44	1		08/19/11 01:31	74-83-9	
Carbon disulfide	3.5J	ug/kg	4.2	0.39	1		08/19/11 01:31	75-15-0	B
Carbon tetrachloride	ND	ug/kg	4.2	0.25	1		08/19/11 01:31	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	0.25	1		08/19/11 01:31	108-90-7	
Chloroethane	ND	ug/kg	4.2	0.40	1		08/19/11 01:31	75-00-3	
Chloroform	ND	ug/kg	4.2	0.27	1		08/19/11 01:31	67-66-3	
Chloromethane	ND	ug/kg	4.2	0.29	1		08/19/11 01:31	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	0.14	1		08/19/11 01:31	124-48-1	
Dibromomethane	ND	ug/kg	4.2	0.29	1		08/19/11 01:31	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.2	0.58	1		08/19/11 01:31	75-71-8	
Ethylbenzene	ND	ug/kg	4.2	0.53	1		08/19/11 01:31	100-41-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258888

Sample: SUP_SL_7 10-12 **Lab ID: 258888004** Collected: 08/17/11 10:15 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	0.41	1		08/19/11 01:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	0.48	1		08/19/11 01:31	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	0.35	1		08/19/11 01:31	1634-04-4	
Methylene chloride	ND	ug/kg	13.9	3.7	1		08/19/11 01:31	75-09-2	
Naphthalene	ND	ug/kg	4.2	0.76	1		08/19/11 01:31	91-20-3	
Styrene	ND	ug/kg	4.2	0.40	1		08/19/11 01:31	100-42-5	
Tetrachloroethene	ND	ug/kg	4.2	0.53	1		08/19/11 01:31	127-18-4	
Toluene	ND	ug/kg	4.2	0.43	1		08/19/11 01:31	108-88-3	
Trichloroethene	ND	ug/kg	4.2	0.29	1		08/19/11 01:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	0.32	1		08/19/11 01:31	75-69-4	
Vinyl chloride	ND	ug/kg	4.2	0.39	1		08/19/11 01:31	75-01-4	
Xylene (Total)	ND	ug/kg	12.5	1.0	1		08/19/11 01:31	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	0.29	1		08/19/11 01:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	0.18	1		08/19/11 01:31	10061-01-5	
m&p-Xylene	ND	ug/kg	8.3	1.0	1		08/19/11 01:31	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.2	0.63	1		08/19/11 01:31	104-51-8	
n-Propylbenzene	ND	ug/kg	4.2	0.49	1		08/19/11 01:31	103-65-1	
o-Xylene	ND	ug/kg	4.2	0.45	1		08/19/11 01:31	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.2	0.53	1		08/19/11 01:31	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.2	0.58	1		08/19/11 01:31	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.2	0.36	1		08/19/11 01:31	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.2	0.48	1		08/19/11 01:31	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	0.42	1		08/19/11 01:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	0.29	1		08/19/11 01:31	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		72-129		1		08/19/11 01:31	1868-53-7	
Toluene-d8 (S)	96 %		69-133		1		08/19/11 01:31	2037-26-5	
4-Bromofluorobenzene (S)	108 %		67-142		1		08/19/11 01:31	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/19/11 01:31	17060-07-0	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture **31.7 %** 0.10 0.10 1 08/18/11 16:13

Sample: SUP_SL_7 12-14 **Lab ID: 258888005** Collected: 08/17/11 10:20 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	11.9	mg/kg	2.4	0.35	1	08/26/11 10:04	08/29/11 16:05	7440-38-2	
Cadmium	ND	mg/kg	1.2	0.013	1	08/26/11 10:04	08/29/11 16:05	7440-43-9	
Lead	2.9	mg/kg	1.2	0.074	1	08/26/11 10:04	08/29/11 16:05	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258888

Sample: SUP_SL_7 12-14 **Lab ID:** 258888005 Collected: 08/17/11 10:20 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	443	140	1	08/18/11 11:30	08/22/11 07:34	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	68	%	26-135		1	08/18/11 11:30	08/22/11 07:34	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	0.17	1		08/19/11 10:13	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.4	0.21	1		08/19/11 10:13	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	0.32	1		08/19/11 10:13	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.4	0.32	1		08/19/11 10:13	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.4	0.46	1		08/19/11 10:13	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.4	0.27	1		08/19/11 10:13	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.4	0.42	1		08/19/11 10:13	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.4	0.40	1		08/19/11 10:13	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	0.32	1		08/19/11 10:13	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.4	0.39	1		08/19/11 10:13	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	0.28	1		08/19/11 10:13	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	0.59	1		08/19/11 10:13	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	0.45	1		08/19/11 10:13	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	0.24	1		08/19/11 10:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.4	0.28	1		08/19/11 10:13	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.4	0.25	1		08/19/11 10:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.9	0.42	1		08/19/11 10:13	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/19/11 10:13	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	0.36	1		08/19/11 10:13	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.4	0.22	1		08/19/11 10:13	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.4	0.32	1		08/19/11 10:13	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.4	0.27	1		08/19/11 10:13	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.4	0.21	1		08/19/11 10:13	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.4	1.7	1		08/19/11 10:13	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.4	0.36	1		08/19/11 10:13	95-49-8	
2-Hexanone	ND	ug/kg	11.4	0.41	1		08/19/11 10:13	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.4	0.30	1		08/19/11 10:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.4	0.35	1		08/19/11 10:13	108-10-1	
Acetone	9.0J	ug/kg	11.4	1.3	1		08/19/11 10:13	67-64-1	B
Benzene	ND	ug/kg	3.4	0.17	1		08/19/11 10:13	71-43-2	
Bromobenzene	ND	ug/kg	3.4	0.27	1		08/19/11 10:13	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	0.25	1		08/19/11 10:13	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	0.13	1		08/19/11 10:13	75-27-4	
Bromoform	ND	ug/kg	3.4	0.26	1		08/19/11 10:13	75-25-2	
Bromomethane	ND	ug/kg	3.4	0.36	1		08/19/11 10:13	74-83-9	
Carbon disulfide	ND	ug/kg	3.4	0.32	1		08/19/11 10:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.4	0.21	1		08/19/11 10:13	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	0.21	1		08/19/11 10:13	108-90-7	
Chloroethane	ND	ug/kg	3.4	0.33	1		08/19/11 10:13	75-00-3	
Chloroform	ND	ug/kg	3.4	0.22	1		08/19/11 10:13	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258888

Sample: SUP_SL_7 12-14 Lab ID: 258888005 Collected: 08/17/11 10:20 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	3.4	0.24	1		08/19/11 10:13	74-87-3	
Dibromochloromethane	ND	ug/kg	3.4	0.12	1		08/19/11 10:13	124-48-1	
Dibromomethane	ND	ug/kg	3.4	0.24	1		08/19/11 10:13	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.4	0.48	1		08/19/11 10:13	75-71-8	
Ethylbenzene	ND	ug/kg	3.4	0.43	1		08/19/11 10:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	0.34	1		08/19/11 10:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	0.40	1		08/19/11 10:13	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.4	0.29	1		08/19/11 10:13	1634-04-4	
Methylene chloride	ND	ug/kg	11.4	3.0	1		08/19/11 10:13	75-09-2	
Naphthalene	0.70J	ug/kg	3.4	0.63	1		08/19/11 10:13	91-20-3	B
Styrene	ND	ug/kg	3.4	0.33	1		08/19/11 10:13	100-42-5	
Tetrachloroethene	ND	ug/kg	3.4	0.44	1		08/19/11 10:13	127-18-4	
Toluene	ND	ug/kg	3.4	0.35	1		08/19/11 10:13	108-88-3	
Trichloroethene	ND	ug/kg	3.4	0.24	1		08/19/11 10:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	0.26	1		08/19/11 10:13	75-69-4	
Vinyl chloride	ND	ug/kg	3.4	0.32	1		08/19/11 10:13	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	0.86	1		08/19/11 10:13	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	0.24	1		08/19/11 10:13	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	0.15	1		08/19/11 10:13	10061-01-5	
m&p-Xylene	ND	ug/kg	6.9	0.86	1		08/19/11 10:13	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.4	0.52	1		08/19/11 10:13	104-51-8	
n-Propylbenzene	ND	ug/kg	3.4	0.40	1		08/19/11 10:13	103-65-1	
o-Xylene	ND	ug/kg	3.4	0.37	1		08/19/11 10:13	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.4	0.44	1		08/19/11 10:13	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.4	0.48	1		08/19/11 10:13	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.4	0.30	1		08/19/11 10:13	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.4	0.39	1		08/19/11 10:13	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	0.34	1		08/19/11 10:13	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	0.24	1		08/19/11 10:13	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101 %		72-129		1		08/19/11 10:13	1868-53-7	
Toluene-d8 (S)	102 %		69-133		1		08/19/11 10:13	2037-26-5	
4-Bromofluorobenzene (S)	106 %		67-142		1		08/19/11 10:13	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/19/11 10:13	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	26.4 %		0.10	0.10	1		08/18/11 16:14		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258888

Sample: Trip Blank #7 Lab ID: 258888006 Collected: 08/17/11 10:25 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/19/11 00:50	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/19/11 00:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/19/11 00:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/19/11 00:50	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/19/11 00:50	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/19/11 00:50	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/19/11 00:50	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/19/11 00:50	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/19/11 00:50	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/19/11 00:50	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/19/11 00:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/19/11 00:50	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/19/11 00:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/19/11 00:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/19/11 00:50	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/19/11 00:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/19/11 00:50	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/19/11 00:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/19/11 00:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/19/11 00:50	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/19/11 00:50	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/19/11 00:50	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/19/11 00:50	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/19/11 00:50	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/19/11 00:50	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/19/11 00:50	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/19/11 00:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/19/11 00:50	108-10-1	
Acetone	3.3J	ug/kg	10.0	1.1	1		08/19/11 00:50	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		08/19/11 00:50	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/19/11 00:50	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/19/11 00:50	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/19/11 00:50	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/19/11 00:50	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/19/11 00:50	74-83-9	
Carbon disulfide	0.39J	ug/kg	3.0	0.28	1		08/19/11 00:50	75-15-0	B
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/19/11 00:50	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/19/11 00:50	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/19/11 00:50	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/19/11 00:50	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/19/11 00:50	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/19/11 00:50	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/19/11 00:50	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/19/11 00:50	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/19/11 00:50	100-41-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258888

Sample: Trip Blank #7 **Lab ID: 258888006** Collected: 08/17/11 10:25 Received: 08/17/11 14:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/19/11 00:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/19/11 00:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/19/11 00:50	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	2.6	1		08/19/11 00:50	75-09-2	
Naphthalene	0.66J	ug/kg	3.0	0.55	1		08/19/11 00:50	91-20-3	B
Styrene	ND	ug/kg	3.0	0.29	1		08/19/11 00:50	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/19/11 00:50	127-18-4	
Toluene	0.32J	ug/kg	3.0	0.31	1		08/19/11 00:50	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/19/11 00:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/19/11 00:50	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/19/11 00:50	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/19/11 00:50	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/19/11 00:50	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/19/11 00:50	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/19/11 00:50	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/19/11 00:50	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/19/11 00:50	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/19/11 00:50	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/19/11 00:50	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/19/11 00:50	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/19/11 00:50	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/19/11 00:50	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/19/11 00:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/19/11 00:50	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100 %		72-129		1		08/19/11 00:50	1868-53-7	
Toluene-d8 (S)	101 %		69-133		1		08/19/11 00:50	2037-26-5	
4-Bromofluorobenzene (S)	108 %		67-142		1		08/19/11 00:50	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		67-136		1		08/19/11 00:50	17060-07-0	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258888

QC Batch: MPRP/2437 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 258888003, 258888004, 258888005

METHOD BLANK: 83648 Matrix: Solid

Associated Lab Samples: 258888003, 258888004, 258888005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/29/11 14:33	
Cadmium	mg/kg	ND	1.0	08/29/11 14:33	
Lead	mg/kg	ND	1.0	08/29/11 14:33	

LABORATORY CONTROL SAMPLE: 83649

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.3	97	80-120	
Cadmium	mg/kg	25	25.0	100	80-120	
Lead	mg/kg	25	24.7	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83650 83651

Parameter	Units	258899001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec Limits	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
Arsenic	mg/kg	ND	24.6	24.8	ND	ND	5	15	75-125	20	M1
Cadmium	mg/kg	ND	24.6	24.8	21.5	21.5	87	86	75-125	.02	20
Lead	mg/kg	ND	24.6	24.8	27.2	28.9	97	103	75-125	6	20

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258888

QC Batch: MSV/5164 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258888003, 258888004, 258888006

METHOD BLANK: 82476 Matrix: Solid
Associated Lab Samples: 258888003, 258888004, 258888006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/19/11 00:30	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/19/11 00:30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/19/11 00:30	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/19/11 00:30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/19/11 00:30	
1,1-Dichloroethane	ug/kg	ND	3.0	08/19/11 00:30	
1,1-Dichloroethene	ug/kg	ND	3.0	08/19/11 00:30	
1,1-Dichloropropene	ug/kg	ND	3.0	08/19/11 00:30	
1,2,3-Trichlorobenzene	ug/kg	0.30J	3.0	08/19/11 00:30	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/19/11 00:30	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	08/19/11 00:30	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/19/11 00:30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/19/11 00:30	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/19/11 00:30	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/19/11 00:30	
1,2-Dichloroethane	ug/kg	ND	3.0	08/19/11 00:30	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/19/11 00:30	
1,2-Dichloropropane	ug/kg	ND	3.0	08/19/11 00:30	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/19/11 00:30	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/19/11 00:30	
1,3-Dichloropropane	ug/kg	ND	3.0	08/19/11 00:30	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/19/11 00:30	
2,2-Dichloropropane	ug/kg	ND	3.0	08/19/11 00:30	
2-Butanone (MEK)	ug/kg	ND	10.0	08/19/11 00:30	
2-Chlorotoluene	ug/kg	ND	3.0	08/19/11 00:30	
2-Hexanone	ug/kg	ND	10.0	08/19/11 00:30	
4-Chlorotoluene	ug/kg	ND	3.0	08/19/11 00:30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/19/11 00:30	
Acetone	ug/kg	ND	10.0	08/19/11 00:30	
Benzene	ug/kg	ND	3.0	08/19/11 00:30	
Bromobenzene	ug/kg	ND	3.0	08/19/11 00:30	
Bromochloromethane	ug/kg	ND	3.0	08/19/11 00:30	
Bromodichloromethane	ug/kg	ND	3.0	08/19/11 00:30	
Bromoform	ug/kg	ND	3.0	08/19/11 00:30	
Bromomethane	ug/kg	0.50J	3.0	08/19/11 00:30	
Carbon disulfide	ug/kg	0.34J	3.0	08/19/11 00:30	
Carbon tetrachloride	ug/kg	ND	3.0	08/19/11 00:30	
Chlorobenzene	ug/kg	ND	3.0	08/19/11 00:30	
Chloroethane	ug/kg	ND	3.0	08/19/11 00:30	
Chloroform	ug/kg	ND	3.0	08/19/11 00:30	
Chloromethane	ug/kg	0.66J	3.0	08/19/11 00:30	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/19/11 00:30	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/19/11 00:30	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258888

METHOD BLANK: 82476 Matrix: Solid

Associated Lab Samples: 258888003, 258888004, 258888006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/19/11 00:30	
Dibromomethane	ug/kg	ND	3.0	08/19/11 00:30	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/19/11 00:30	
Ethylbenzene	ug/kg	ND	3.0	08/19/11 00:30	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/19/11 00:30	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/19/11 00:30	
m&p-Xylene	ug/kg	ND	6.0	08/19/11 00:30	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/19/11 00:30	
Methylene chloride	ug/kg	ND	10.0	08/19/11 00:30	
n-Butylbenzene	ug/kg	ND	3.0	08/19/11 00:30	
n-Propylbenzene	ug/kg	ND	3.0	08/19/11 00:30	
Naphthalene	ug/kg	0.76J	3.0	08/19/11 00:30	
o-Xylene	ug/kg	ND	3.0	08/19/11 00:30	
p-Isopropyltoluene	ug/kg	ND	3.0	08/19/11 00:30	
sec-Butylbenzene	ug/kg	ND	3.0	08/19/11 00:30	
Styrene	ug/kg	ND	3.0	08/19/11 00:30	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/19/11 00:30	
tert-Butylbenzene	ug/kg	ND	3.0	08/19/11 00:30	
Tetrachloroethene	ug/kg	ND	3.0	08/19/11 00:30	
Toluene	ug/kg	ND	3.0	08/19/11 00:30	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/19/11 00:30	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/19/11 00:30	
Trichloroethene	ug/kg	ND	3.0	08/19/11 00:30	
Trichlorofluoromethane	ug/kg	ND	3.0	08/19/11 00:30	
Vinyl chloride	ug/kg	ND	3.0	08/19/11 00:30	
Xylene (Total)	ug/kg	ND	9.0	08/19/11 00:30	
1,2-Dichloroethane-d4 (S)	%	95	67-136	08/19/11 00:30	
4-Bromofluorobenzene (S)	%	101	67-142	08/19/11 00:30	
Dibromofluoromethane (S)	%	95	72-129	08/19/11 00:30	
Toluene-d8 (S)	%	104	69-133	08/19/11 00:30	

LABORATORY CONTROL SAMPLE & LCSD: 82477 82527

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	48.2	50.3	96	101	68-127	4	15	
1,1,1-Trichloroethane	ug/kg	50	47.9	51.4	96	103	69-139	7	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.3	50.6	97	101	63-137	5	15	
1,1,2-Trichloroethane	ug/kg	50	50.0	53.0	100	106	65-131	6	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	47.3	46.0	95	92	64-153	3	27	
1,1-Dichloroethane	ug/kg	50	46.5	51.4	93	103	69-133	10	23	
1,1-Dichloroethene	ug/kg	50	53.9	53.3	108	107	68-157	1	28	
1,1-Dichloropropene	ug/kg	50	49.7	53.8	99	108	68-140	8	21	
1,2,3-Trichlorobenzene	ug/kg	50	48.4	48.4	97	97	69-132	.05	15	
1,2,3-Trichloropropane	ug/kg	50	46.0	47.7	92	95	71-124	4	15	
1,2,4-Trichlorobenzene	ug/kg	50	47.9	48.7	96	97	68-137	2	15	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258888

LABORATORY CONTROL SAMPLE & LCSD: 82477		82527									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,2,4-Trimethylbenzene	ug/kg	50	49.5	51.8	99	104	74-124	5	18		
1,2-Dibromo-3-chloropropane	ug/kg	50	42.5	44.8	85	90	52-133	5	22		
1,2-Dibromoethane (EDB)	ug/kg	50	48.1	49.3	96	99	66-129	2	15		
1,2-Dichlorobenzene	ug/kg	50	47.7	50.4	95	101	78-122	5	15		
1,2-Dichloroethane	ug/kg	50	47.7	50.6	95	101	67-131	6	15		
1,2-Dichloroethene (Total)	ug/kg	100	96.8	106	97	106	73-143	9	20		
1,2-Dichloropropane	ug/kg	50	53.0	54.6	106	109	67-133	3	15		
1,3,5-Trimethylbenzene	ug/kg	50	50.0	51.7	100	103	78-124	3	15		
1,3-Dichlorobenzene	ug/kg	50	47.3	50.0	95	100	79-122	6	15		
1,3-Dichloropropane	ug/kg	50	50.3	51.8	101	104	62-131	3	15		
1,4-Dichlorobenzene	ug/kg	50	48.0	50.5	96	101	77-119	5	15		
2,2-Dichloropropane	ug/kg	50	48.3	51.3	97	103	66-143	6	20		
2-Butanone (MEK)	ug/kg	100	85.8	93.3	86	93	44-160	8	27		
2-Chlorotoluene	ug/kg	50	46.7	48.9	93	98	75-123	5	15		
2-Hexanone	ug/kg	100	95.6	99.3	96	99	40-160	4	21		
4-Chlorotoluene	ug/kg	50	49.0	52.4	98	105	78-127	7	15		
4-Methyl-2-pentanone (MIBK)	ug/kg	100	98.2	108	98	108	46-156	10	17		
Acetone	ug/kg	100	71.4	73.5	71	74	40-160	3	30		
Benzene	ug/kg	50	49.1	51.6	98	103	69-133	5	15		
Bromobenzene	ug/kg	50	48.5	50.4	97	101	81-122	4	15		
Bromochloromethane	ug/kg	50	46.0	50.5	92	101	77-132	9	16		
Bromodichloromethane	ug/kg	50	45.5	49.3	91	99	75-132	8	15		
Bromoform	ug/kg	50	41.2	45.3	82	91	58-128	9	15		
Bromomethane	ug/kg	50	58.1	59.4	116	119	46-160	2	24		
Carbon disulfide	ug/kg	50	49.6	53.4	99	107	56-143	7	24		
Carbon tetrachloride	ug/kg	50	45.1	49.4	90	99	65-146	9	24		
Chlorobenzene	ug/kg	50	50.3	52.0	101	104	76-123	3	15		
Chloroethane	ug/kg	50	55.5	56.9	111	114	51-146	2	24		
Chloroform	ug/kg	50	47.2	51.3	94	103	73-132	8	17		
Chloromethane	ug/kg	50	59.8	61.2	120	122	40-142	2	23		
cis-1,2-Dichloroethene	ug/kg	50	47.9	52.4	96	105	75-142	9	20		
cis-1,3-Dichloropropene	ug/kg	50	49.6	52.7	99	105	62-150	6	15		
Dibromochloromethane	ug/kg	50	42.4	45.8	85	92	70-126	8	15		
Dibromomethane	ug/kg	50	50.7	49.6	101	99	75-132	2	15		
Dichlorodifluoromethane	ug/kg	50	70.2	71.2	140	142	40-160	1	24		
Ethylbenzene	ug/kg	50	49.3	51.2	99	102	68-126	4	15		
Hexachloro-1,3-butadiene	ug/kg	50	49.7	49.3	99	99	65-144	9	24		
Isopropylbenzene (Cumene)	ug/kg	50	51.3	52.2	103	104	73-120	2	15		
m&p-Xylene	ug/kg	100	99.2	104	99	104	66-128	5	15		
Methyl-tert-butyl ether	ug/kg	50	48.1	50.1	96	100	67-134	4	21		
Methylene chloride	ug/kg	50	47.0	50.5	94	101	59-149	7	20		
n-Butylbenzene	ug/kg	50	48.5	50.6	97	101	72-125	4	17		
n-Propylbenzene	ug/kg	50	44.5	47.1	89	94	73-131	6	18		
Naphthalene	ug/kg	50	48.0	48.8	96	98	54-147	2	23		
o-Xylene	ug/kg	50	49.8	51.2	100	102	70-125	3	16		
p-Isopropyltoluene	ug/kg	50	49.7	51.0	99	102	76-127	3	17		
sec-Butylbenzene	ug/kg	50	46.7	48.9	93	98	75-134	5	20		
Styrene	ug/kg	50	51.4	52.7	103	105	72-124	3	19		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258888

LABORATORY CONTROL SAMPLE & LCSD:		82477	82527								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
tert-Amylmethyl ether	ug/kg	50	48.1	51.8	96	104	59-145	7	17		
tert-Butylbenzene	ug/kg	50	49.3	53.6	99	107	74-130	8	21		
Tetrachloroethene	ug/kg	50	54.8	54.8	110	110	57-131	.06	22		
Toluene	ug/kg	50	51.9	51.1	104	102	68-130	2	17		
trans-1,2-Dichloroethene	ug/kg	50	48.9	53.7	98	107	71-146	9	21		
trans-1,3-Dichloropropene	ug/kg	50	51.0	52.5	102	105	61-128	3	15		
Trichloroethene	ug/kg	50	49.8	52.5	100	105	71-138	5	18		
Trichlorofluoromethane	ug/kg	50	51.2	53.0	102	106	50-160	3	25		
Vinyl chloride	ug/kg	50	55.5	58.1	111	116	48-141	5	29		
Xylene (Total)	ug/kg	150	149	155	99	104	68-126	4	15		
1,2-Dichloroethane-d4 (S)	%				95	98	67-136				
4-Bromofluorobenzene (S)	%				96	98	67-142				
Dibromofluoromethane (S)	%				93	96	72-129				
Toluene-d8 (S)	%				103	99	69-133				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258888

QC Batch: MSV/5175

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258888005

METHOD BLANK: 82656

Matrix: Solid

Associated Lab Samples: 258888005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/19/11 09:53	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/19/11 09:53	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/19/11 09:53	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/19/11 09:53	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/19/11 09:53	
1,1-Dichloroethane	ug/kg	ND	3.0	08/19/11 09:53	
1,1-Dichloroethene	ug/kg	ND	3.0	08/19/11 09:53	
1,1-Dichloropropene	ug/kg	ND	3.0	08/19/11 09:53	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/19/11 09:53	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/19/11 09:53	
1,2,4-Trichlorobenzene	ug/kg	0.40J	3.0	08/19/11 09:53	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/19/11 09:53	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/19/11 09:53	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/19/11 09:53	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/19/11 09:53	
1,2-Dichloroethane	ug/kg	ND	3.0	08/19/11 09:53	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/19/11 09:53	
1,2-Dichloropropane	ug/kg	ND	3.0	08/19/11 09:53	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/19/11 09:53	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/19/11 09:53	
1,3-Dichloropropane	ug/kg	ND	3.0	08/19/11 09:53	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/19/11 09:53	
2,2-Dichloropropane	ug/kg	ND	3.0	08/19/11 09:53	
2-Butanone (MEK)	ug/kg	ND	10.0	08/19/11 09:53	
2-Chlorotoluene	ug/kg	ND	3.0	08/19/11 09:53	
2-Hexanone	ug/kg	ND	10.0	08/19/11 09:53	
4-Chlorotoluene	ug/kg	ND	3.0	08/19/11 09:53	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/19/11 09:53	
Acetone	ug/kg	1.8J	10.0	08/19/11 09:53	
Benzene	ug/kg	ND	3.0	08/19/11 09:53	
Bromobenzene	ug/kg	ND	3.0	08/19/11 09:53	
Bromochloromethane	ug/kg	ND	3.0	08/19/11 09:53	
Bromodichloromethane	ug/kg	ND	3.0	08/19/11 09:53	
Bromoform	ug/kg	ND	3.0	08/19/11 09:53	
Bromomethane	ug/kg	ND	3.0	08/19/11 09:53	
Carbon disulfide	ug/kg	ND	3.0	08/19/11 09:53	
Carbon tetrachloride	ug/kg	ND	3.0	08/19/11 09:53	
Chlorobenzene	ug/kg	ND	3.0	08/19/11 09:53	
Chloroethane	ug/kg	ND	3.0	08/19/11 09:53	
Chloroform	ug/kg	ND	3.0	08/19/11 09:53	
Chloromethane	ug/kg	ND	3.0	08/19/11 09:53	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/19/11 09:53	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/19/11 09:53	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 20 of 27

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258888

METHOD BLANK: 82656

Matrix: Solid

Associated Lab Samples: 258888005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/19/11 09:53	
Dibromomethane	ug/kg	ND	3.0	08/19/11 09:53	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/19/11 09:53	
Ethylbenzene	ug/kg	ND	3.0	08/19/11 09:53	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/19/11 09:53	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/19/11 09:53	
m&p-Xylene	ug/kg	ND	6.0	08/19/11 09:53	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/19/11 09:53	
Methylene chloride	ug/kg	ND	10.0	08/19/11 09:53	
n-Butylbenzene	ug/kg	ND	3.0	08/19/11 09:53	
n-Propylbenzene	ug/kg	ND	3.0	08/19/11 09:53	
Naphthalene	ug/kg	1.0J	3.0	08/19/11 09:53	
o-Xylene	ug/kg	ND	3.0	08/19/11 09:53	
p-Isopropyltoluene	ug/kg	ND	3.0	08/19/11 09:53	
sec-Butylbenzene	ug/kg	ND	3.0	08/19/11 09:53	
Styrene	ug/kg	ND	3.0	08/19/11 09:53	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/19/11 09:53	
tert-Butylbenzene	ug/kg	ND	3.0	08/19/11 09:53	
Tetrachloroethene	ug/kg	ND	3.0	08/19/11 09:53	
Toluene	ug/kg	ND	3.0	08/19/11 09:53	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/19/11 09:53	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/19/11 09:53	
Trichloroethene	ug/kg	ND	3.0	08/19/11 09:53	
Trichlorofluoromethane	ug/kg	ND	3.0	08/19/11 09:53	
Vinyl chloride	ug/kg	ND	3.0	08/19/11 09:53	
Xylene (Total)	ug/kg	ND	9.0	08/19/11 09:53	
1,2-Dichloroethane-d4 (S)	%	101	67-136	08/19/11 09:53	
4-Bromofluorobenzene (S)	%	109	67-142	08/19/11 09:53	
Dibromofluoromethane (S)	%	98	72-129	08/19/11 09:53	
Toluene-d8 (S)	%	102	69-133	08/19/11 09:53	

LABORATORY CONTROL SAMPLE & LCSD: 82657

84106

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	50.7	50.1	101	100	68-127	1	15	
1,1,1-Trichloroethane	ug/kg	50	51.7	50.7	103	101	69-139	2	19	
1,1,2,2-Tetrachloroethane	ug/kg	50	54.2	53.7	108	107	63-137	1	15	
1,1,2-Trichloroethane	ug/kg	50	52.9	50.9	106	102	65-131	4	15	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	44.3	46.4	89	93	64-153	5	27	
1,1-Dichloroethane	ug/kg	50	49.5	49.7	99	99	69-133	.3	23	
1,1-Dichloroethene	ug/kg	50	52.3	54.2	105	108	68-157	3	28	
1,1-Dichloropropene	ug/kg	50	53.0	51.9	106	104	68-140	2	21	
1,2,3-Trichlorobenzene	ug/kg	50	51.6	50.6	103	101	69-132	2	15	
1,2,3-Trichloropropane	ug/kg	50	49.9	48.8	100	98	71-124	2	15	
1,2,4-Trichlorobenzene	ug/kg	50	52.7	52.0	105	104	68-137	1	15	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 21 of 27

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258888

LABORATORY CONTROL SAMPLE & LCSD: 82657		84106								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	53.1	53.1	106	106	74-124	.1	18	
1,2-Dibromo-3-chloropropane	ug/kg	50	52.1	55.2	104	110	52-133	6	22	
1,2-Dibromoethane (EDB)	ug/kg	50	50.0	48.8	100	98	66-129	2	15	
1,2-Dichlorobenzene	ug/kg	50	50.3	50.5	101	101	78-122	.3	15	
1,2-Dichloroethane	ug/kg	50	51.4	49.0	103	98	67-131	5	15	
1,2-Dichloroethene (Total)	ug/kg	100	99.1	98.7	99	99	73-143	.3	20	
1,2-Dichloropropane	ug/kg	50	54.2	52.8	108	106	67-133	3	15	
1,3,5-Trimethylbenzene	ug/kg	50	54.0	53.7	108	107	78-124	.5	15	
1,3-Dichlorobenzene	ug/kg	50	50.7	50.7	101	101	79-122	.04	15	
1,3-Dichloropropane	ug/kg	50	52.7	50.8	105	102	62-131	4	15	
1,4-Dichlorobenzene	ug/kg	50	50.4	50.8	101	102	77-119	.7	15	
2,2-Dichloropropane	ug/kg	50	50.6	52.8	101	106	66-143	4	20	
2-Butanone (MEK)	ug/kg	100	140	117	140	117	44-160	18	27	
2-Chlorotoluene	ug/kg	50	51.3	50.5	103	101	75-123	1	15	
2-Hexanone	ug/kg	100	135	129	135	129	40-160	4	21	
4-Chlorotoluene	ug/kg	50	54.2	52.2	108	104	78-127	4	15	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	125	112	125	112	46-156	11	17	
Acetone	ug/kg	100	144	123	144	123	40-160	16	30	
Benzene	ug/kg	50	49.7	50.3	99	101	69-133	1	15	
Bromobenzene	ug/kg	50	50.8	49.1	102	98	81-122	4	15	
Bromochloromethane	ug/kg	50	47.5	47.1	95	94	77-132	.8	16	
Bromodichloromethane	ug/kg	50	51.1	51.7	102	103	75-132	1	15	
Bromoform	ug/kg	50	53.6	53.5	107	107	58-128	.1	15	
Bromomethane	ug/kg	50	50.5	52.4	101	105	46-160	4	24	
Carbon disulfide	ug/kg	50	52.7	52.2	105	104	56-143	.9	24	
Carbon tetrachloride	ug/kg	50	54.0	52.3	108	105	65-146	3	24	
Chlorobenzene	ug/kg	50	49.7	49.9	99	100	76-123	.4	15	
Chloroethane	ug/kg	50	49.9	52.3	100	105	51-146	5	24	
Chloroform	ug/kg	50	48.9	48.8	98	98	73-132	.2	17	
Chloromethane	ug/kg	50	52.6	52.9	105	106	40-142	.6	23	
cis-1,2-Dichloroethene	ug/kg	50	48.8	48.7	98	97	75-142	.03	20	
cis-1,3-Dichloropropene	ug/kg	50	54.1	53.2	108	106	62-150	2	15	
Dibromochloromethane	ug/kg	50	51.0	50.2	102	100	70-126	1	15	
Dibromomethane	ug/kg	50	52.7	49.9	105	100	75-132	5	15	
Dichlorodifluoromethane	ug/kg	50	61.5	58.1	123	116	40-160	6	24	
Ethylbenzene	ug/kg	50	51.3	51.6	103	103	68-126	.6	15	
Hexachloro-1,3-butadiene	ug/kg	50	52.1	52.1	104	104	65-144	.02	24	
Isopropylbenzene (Cumene)	ug/kg	50	52.0	53.7	104	107	73-120	3	15	
m&p-Xylene	ug/kg	100	102	103	102	103	66-128	1	15	
Methyl-tert-butyl ether	ug/kg	50	51.6	49.5	103	99	67-134	4	21	
Methylene chloride	ug/kg	50	44.7	43.9	89	88	59-149	2	20	
n-Butylbenzene	ug/kg	50	55.5	55.5	111	111	72-125	.1	17	
n-Propylbenzene	ug/kg	50	50.4	49.0	101	98	73-131	3	18	
Naphthalene	ug/kg	50	53.8	53.1	108	106	54-147	1	23	
o-Xylene	ug/kg	50	49.8	50.7	100	101	70-125	2	16	
p-Isopropyltoluene	ug/kg	50	54.6	54.1	109	108	76-127	1	17	
sec-Butylbenzene	ug/kg	50	51.2	51.6	102	103	75-134	.8	20	
Styrene	ug/kg	50	52.0	52.2	104	104	72-124	.4	19	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258888

LABORATORY CONTROL SAMPLE & LCSD: 82657		84106								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
tert-Amylmethyl ether	ug/kg	50	50.6	51.7	101	103	59-145	2	17	
tert-Butylbenzene	ug/kg	50	54.4	52.2	109	104	74-130	4	21	
Tetrachloroethene	ug/kg	50	52.0	51.2	104	102	57-131	2	22	
Toluene	ug/kg	50	51.5	51.1	103	102	68-130	.7	17	
trans-1,2-Dichloroethene	ug/kg	50	50.3	50.0	101	100	71-146	.6	21	
trans-1,3-Dichloropropene	ug/kg	50	55.0	53.2	110	106	61-128	3	15	
Trichloroethene	ug/kg	50	51.1	50.4	102	101	71-138	1	18	
Trichlorofluoromethane	ug/kg	50	51.8	49.9	104	100	50-160	4	25	
Vinyl chloride	ug/kg	50	54.6	53.7	109	107	48-141	2	29	
Xylene (Total)	ug/kg	150	152	154	101	102	68-126	1	15	
1,2-Dichloroethane-d4 (S)	%				102	99	67-136			
4-Bromofluorobenzene (S)	%				101	102	67-142			
Dibromofluoromethane (S)	%				97	97	72-129			
Toluene-d8 (S)	%				101	102	69-133			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258888

QC Batch: OEXT/4239 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 258888001, 258888002, 258888003, 258888004, 258888005

METHOD BLANK: 82426 Matrix: Solid
Associated Lab Samples: 258888001, 258888002, 258888003, 258888004, 258888005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/22/11 01:06	
2,4,6-Tribromophenol (S)	%	46	26-135	08/22/11 01:06	

LABORATORY CONTROL SAMPLE: 82427

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	760	57	20-89	
2,4,6-Tribromophenol (S)	%			83	26-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82428 82429

Parameter	Units	258888005		MS		MSD		% Rec		Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Result	Spike Conc.	Result	Result	% Rec				
Pentachlorophenol	ug/kg	ND	1790	1780	984	1070	55	60	10-143	8	28		
2,4,6-Tribromophenol (S)	%						80	86	26-135				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258888

QC Batch: PMST/1796

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 258888001, 258888002, 258888003, 258888004, 258888005

SAMPLE DUPLICATE: 82500

Parameter	Units	258893002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.5	16.1	25	30	

SAMPLE DUPLICATE: 82501

Parameter	Units	258893011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.0	13.4	3	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 258888

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/5164

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/5175

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1n Acetone is a potential false positive result due to VOA vial contamination. This contamination was traced to the supplier of these VOA vials.

B Analyte was detected in the associated method blank.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

D4 Sample was diluted due to the presence of high levels of target analytes.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 258888

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258888003	SUP_SL_7 8-10	EPA 3050	MPRP/2437	EPA 6010	ICP/2326
258888004	SUP_SL_7 10-12	EPA 3050	MPRP/2437	EPA 6010	ICP/2326
258888005	SUP_SL_7 12-14	EPA 3050	MPRP/2437	EPA 6010	ICP/2326
258888001	SUP_SL_7 6-7	EPA 3546	OEXT/4239	EPA 8270	MSSV/1746
258888002	SUP_SL_7 7-8	EPA 3546	OEXT/4239	EPA 8270	MSSV/1746
258888003	SUP_SL_7 8-10	EPA 3546	OEXT/4239	EPA 8270	MSSV/1746
258888004	SUP_SL_7 10-12	EPA 3546	OEXT/4239	EPA 8270	MSSV/1746
258888005	SUP_SL_7 12-14	EPA 3546	OEXT/4239	EPA 8270	MSSV/1746
258888003	SUP_SL_7 8-10	EPA 8260	MSV/5164		
258888004	SUP_SL_7 10-12	EPA 8260	MSV/5164		
258888005	SUP_SL_7 12-14	EPA 8260	MSV/5175		
258888006	Trip Blank #7	EPA 8260	MSV/5164		
258888001	SUP_SL_7 6-7	ASTM D2974-87	PMST/1796		
258888002	SUP_SL_7 7-8	ASTM D2974-87	PMST/1796		
258888003	SUP_SL_7 8-10	ASTM D2974-87	PMST/1796		
258888004	SUP_SL_7 10-12	ASTM D2974-87	PMST/1796		
258888005	SUP_SL_7 12-14	ASTM D2974-87	PMST/1796		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 258906
Sample Date(s): August 18, 2011

This review summarizes the data quality of analytical results generated in support of the August 18, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 258906.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258906



Delivery Group Summary

Eight soil samples, one groundwater samples, one soil field duplicate, one soil trip blank, and one groundwater trip blank were collected by Pacific Environmental Redevelopment Corporation on August 18, 2011. Samples were hand delivered by a Pace Analytical Services to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for total and dissolved metals (arsenic, lead, and cadmium), metals (mercury), semivolatile organics compounds (pentachlorophenol and polycyclic aromatic hydrocarbons [PAHs]), diesel range organics, gasoline range organics, and volatile organic compounds (VOCs) by methods 6010, 7471, 8270, NWTPH-Dx, NWTPH-Gx and 8260, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 have 22.2% of the results qualified.
- Mercury results by method 7471 are of acceptable quality. None of the results were qualified.
- Pentachlorophenol results by method 8270 are of acceptable quality. None of the results were qualified.
- PAH results by method 8270 are of acceptable quality. None of the results were qualified.
- VOC results by method 8260 have 12.8% of the results qualified.
- Diesel range organic results by method NWTPH-Dx are of acceptable quality. None of the results were qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 8 Samples (1 Duplicates)	Groundwater= 1 Sample	Trip Blank (Soil)= 1 Sample	Trip Blank (Groundwater)= 1 Sample
6010 Metals (As, Pb, Cd) 7471 Mercury NWTPH-Dx 8270 Pentachlorophenol and PAHs 8260 VOCs	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 8260 VOCs	8260 VOCs NWTPH-Gx	8260 VOCs NWTPH-Gx



Representativeness

Holding Time:

Criteria Used to Qualify Data Associated with Holding Times:

- 1) Due to limited information concerning holding times for soil samples, it is left to the discretion of the reviewer to apply water holding time criteria to soil samples.
- 2) If holding times exceed:
 - a. Positive results are flagged as estimated (J).
 - b. Negative results are flagged with the sample quantitation limit as estimated (UJ).
- 3) If holding times grossly exceed upon first analysis or re-analysis:
 - a. Positive results are flagged as estimated (J or UJ).
 - b. Negative results are flagged as unusable (R).

Action: The following sample results exceeded holding times. No action was taken based on the evaluation of holding times.

Field ID	Lab ID	Analytes/Methods	Date Collected	Date Prepared	Date Analyzed	HT	Number of Days Past HT	Comment
SUP_SD_7 SUP_SD_8 SUP_SD_9 SUP_SD_DUP	258906007 258906008 258906009 258906010	8270 PAHs	8/18/11	9/01/11	9/02/11	14 days	1	Very slight exceedances of holding time. No change to qualifiers.

Accuracy

Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes/Methods Associated with Surrogate	Comment
SUP_SD_7	258906007	4-Bromofluorobenzene	155	67-142	High	Volatile Surrogate	8260 VOCs	Qualified based on criteria 1b and 1c.
SUP_SD_8	258906008	4-Bromofluorobenzene	168	67-142	High	Volatile Surrogate	8260 VOCs	Qualified based on



								criteria 1b and 1c.
--	--	--	--	--	--	--	--	---------------------

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via one cooler with the trip blanks.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
258906006	Trip Blank	SUP_SD_2 SUP_SD_3 SUP_SD_4 SUP_SD_5 SUP_SD_6 SUP_SD_7 SUP_SD_8 SUP_SD_9 SUP_SD_DUP	258906001 258906002 258906003 258906004 258906005 258906007 258906008 258906009 258906010	Gasoline Range Organics	0.66 J	mg/kg
				Naphthalene	0.59 J	ug/kg
				1,2,4-Trimethylbenzene	0.11 J	ug/L
				Acetone	1.5 J	ug/L
				Bromomethane	0.24 J	ug/L
				Carbon disulfide	0.16 J	ug/L
				Chloromethane	0.37 J	ug/L
				Methylene chloride	2.1 J	ug/L
				m&p-Xylene	0.32 J	ug/L
83631	Method Blank	SUP_SW_2	258906011	1,2,4-Trimethylbenzene	0.18 J	ug/L
				Acetone	0.93 J	ug/L
				m&p-Xylene	0.43 J	ug/L
				Methylene chloride	1.4 J	ug/L
				n-Butylbenzene	0.11 J	ug/L
				Naphthalene	0.15 J	ug/L
				Toluene	0.24 J	ug/L
				Xylene (Total)	0.55 J	ug/L
82810	Method Blank	SUP_SD_7	258906007	Chloromethane	0.48 J	ug/kg
				m&p-Xylene	0.77 J	ug/kg
				Naphthalene	0.83 J	ug/kg
				o-Xylene	0.46 J	ug/kg
				Xylene (Total)	1.2 J	ug/kg
83403	Method Blank	SUP_SD_8 SUP_SD_9 SUP_SD_DUP	258906008 258906009 258906010	1,2,3-Trichlorobenzene	0.74 J	ug/kg
				1,2,4-Trichlorobenzene	0.41 J	ug/kg
				Chloroform	0.48 J	ug/kg
				Naphthalene	1.0 J	ug/kg
				Toluene	0.51 J	ug/kg

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank,



must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).

- a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
 5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
 6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	1,2,4-Trichlorobenzene		
SUP_SD_8	258906008	83403	Method Blank. Qualified based on criteria 4.
Analyte:	1,2,4-Trimethylbenzene		
SUP_SW_2	258906011	83631	Method Blank. Qualified based on criteria 4.
Analyte:	Acetone		
SUP_SW_2	258906011	258906012	Trip Blank. Qualified based on criteria 4.
Analyte:	Bromomethane		
SUP_SW_2	258906011	258906012	Trip Blank. Qualified based on criteria 4.
Analyte:	Carbon disulfide		
SUP_SW_2	258906011	258906012	Trip Blank. Qualified based on criteria 4.
Analyte:	Chloromethane		
SUP_SD_7	258906007	82810	Method Blank. Qualified based on criteria 6.
Analyte:	m&p-Xylene		
SUP_SW_2	258906011	83631	Method Blank. Qualified based on criteria 4.
Analyte:	Methylene chloride		
SUP_SW_2	258906011	258906012	Trip Blank. Qualified based on criteria 4.
Analyte:	Naphthalene		
SUP_SD_7	258906007	82810	Method Blank. Qualified based on criteria 6.
SUP_SD_8 SUP_SD_9	258906008 258906009	83403	Method Blank. Qualified based on criteria 4 and 6.
Analyte:	Toluene		
SUP_SD_8 SUP_SD_9 SUP_SD_DUP	258906008 258906009 258906010	83403	Method Blank. Qualified based on criteria 6.
SUP_SW_2	258906011	83631	Method Blank. Qualified based on criteria 4.
Analyte:	Xylene (Total)		
SUP_SD_7	258906007	82810	Method Blank. Qualified based on criteria 4.

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for NWT PH-Gx and NWT PH-Dx. Methods NWT PH-Dx and NWT PH-Gx did not have a MS/MSD prepared and analyzed. All other methods (6010, 8260, 8270, and 7471) had MS/MSDs prepared and analyzed at the required frequency as



specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SD_7 SUP_SD_8 SUP_SD_9 SUP_SD_DUP	258906007 258906008 258906009 258906010	83650	Arsenic	5/15	75-125		20	Low	Qualified based on criteria 2c.
SUP_SD_7 SUP_SD_8 SUP_SD_9 SUP_SD_DUP	258906007 258906008 258906009 258906010	84464	1-Methylnaphthalene	41/67	31-123	31	21	High	Results not qualified based on criteria 1a.
			2-Methylnaphthalene	26/61	15-146	31	20	High	Results not qualified based on criteria 1a.
			Acenaphthene	61/82	19-141	29	24	High	Results not qualified based on criteria 1a.
			Acenaphthylene	58/78	30-142	30	22	High	Results not qualified based on criteria 1a.
			Anthracene	60/84	38-137	32	22	High	Results not qualified based on criteria 1a.
			Benzo(a)anthracene	61/90	37-143	35	19	High	Results not qualified based on criteria 1a.
			Benzo(a)pyrene	67/94	33-147	31	18	High	Results not qualified based on criteria 1a.
			Benzo(b)fluoranthene	54/83	25-156	36	22	High	Results not qualified based on criteria 1a.
			Benzo (g,h,i)perylene	58/87	26-	35	20	High	Results not



					142				qualified based on criteria 1a.
			Benzo(k)fluoranthene	65/86	35-142	27	23	High	Results not qualified based on criteria 1a.
			Chrysene	55/81	23-150	32	23	High	Results not qualified based on criteria 1a.
			Dibenz(a,h)anthracene	64/89	41-140	33	18	High	Results not qualified based on criteria 1a.
			Fluoranthene	54/83	25-155	33	19	High	Results not qualified based on criteria 1a.
			Fluorene	56/88	33-158	30	18	High	Results not qualified based on criteria 1a.
			Indeno(1,2,3-cd)pyrene	56/94	36-139	34	19	High	Results not qualified based on criteria 1a.
			Naphthalene	35/67	25-121	36	34	High	Results not qualified based on criteria 1a.
			Phenanthrene	56/85	29-141	34	21	High	Results not qualified based on criteria 1a.
			Pyrene	50/78	36-145	30	19	High	Results not qualified based on criteria 1a.
SUP_SW_2	258906011	83633	1,2-Dibromo-3-chloropropane	131/138	48-127	6	25	High	Results not qualified based on criteria 1a.
			Ethylbenzene	140/125	65-135	5	25	High	Results not qualified based on criteria 1a.
SUP_SD_8 SUP_SD_9 SUP_SD_DUP	258906008 258906009 258906010	83623	1,1-Dichloroethene	100/154	40-155	33	30	High	Results not qualified based on criteria 1a.
			Vinyl chloride	105/122	80-112	4	30	High	Results not qualified based on criteria 1a.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one with each extraction batch for method NWTPH-Gx and NWTPH-Dx, one per 20 samples for method 6010 and 8260, and one per 10 samples for method 8270. LSC/LCSDs were not required for method 7471.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).



- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
 - c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).
2. Inorganics
- a. Aqueous LCS:
 - i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
 - ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
 - iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
 - iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
 - v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
 - vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
 - vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).
 - b. Solid LCS:
 - i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
 - ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
 - iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
 - iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SD_7	258906007	82811	Dichlorodifluoromethane	171	40-160			High	Based on the criteria above, results were not qualified.
			Vinyl chloride	132	80-112			High	Based on the criteria above, results were not qualified.
SUP_SD_8 SUP_SD_9 SUP_SD_DUP	258906008 258906009 258906010	83404	1,3,5-Trimethylbenzene	127	78-124			High	Qualified based on criteria 1a. Based on the criteria above, results for samples 258906009 and 258906010 were not qualified.



			n-Butylbenzene	129	72-125			High	Based on the criteria above, results were not qualified.
			Tetrachloroethene	121	80-112			High	Based on the criteria above, results were not qualified.
			Vinyl chloride	129	80-112			High	Based on the criteria above, results were not qualified.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were prepared and analyzed at the required frequency. Sample SUP_SD_DUP (258906010) was collected as a field duplicate and is associated with sample SUP_SD_7 (258906007).

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_SD_DUP (Lab ID -258906010)	SUP_SD_7 (Lab ID - 258906007)		
Diesel Range SG	106	31.5 J	mg/kg	108
Motor Oil Range SG	221 J	280	mg/kg	24
Arsenic	141	140	mg/kg	0.7
Cadmium	0.66 J	0.57 J	mg/kg	15
Lead	30.5	31.4	mg/kg	3
Mercury	0.035 J	0.034 J	mg/kg	3
Acenaphthene	252	288	ug/kg	13
Anthracene	132	142	ug/kg	7
Benzo(a)anthracene	127	134	ug/kg	5
Benzo(a)pyrene	59.5	67.1	ug/kg	12
Benzo(b)fluoranthene	124	151	ug/kg	20
Benzo(g,h,i)perylene	51.4	60.3	ug/kg	16
Benzo(k)fluoranthene	37.0 J	42.2 J	ug/kg	13
Chrysene	217	244	ug/kg	12
Dibenz(a,h)anthracene	12.8 J	14.4 J	ug/kg	12
Fluoranthene	623	668	ug/kg	7
Fluorene	163	204	ug/kg	22
Indeno(1,2,3-cd)pyrene	45.4 J	54.2	ug/kg	18



1-Methylnaphthalene	64.5	58.8	ug/kg	9
2-Methylnaphthalene	94.4	96.9	ug/kg	3
Naphthalene	102	99.4	ug/kg	3
Phenanthrene	552	571	ug/kg	3
Pyrene	540	583	ug/kg	8
1,2,4-Trimethylbenzene	<2.6	5.3 J	ug/kg	68
1,3,5-Trimethylbenzene	<1.6	3.4 J	ug/kg	72
Acetone	49.0 J	303	ug/kg	144
Benzene	<0.76	7.1 J	ug/kg	161
Bromomethane	<1.6	2.8 J	ug/kg	55
Carbon disulfide	<1.4	38.7	ug/kg	186
Chloromethane	<1.0	3.1 J	ug/kg	102
Ethylbenzene	<1.9	10.7 J	ug/kg	140
Naphthalene	<2.8	11.8 J	ug/kg	123
Styrene	2.5 J	<1.7	ug/kg	38
Toluene	13.9 J	30.4	ug/kg	74
Xylene (Total)	<3.8	5.2 J	ug/kg	31
p-Isopropyltoluene	<2.0	37.6	ug/kg	180

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

Gasoline range organics were run for the trip blank samples but was not requested on any of the other samples. Both trip blanks were run for NWTPH-Gx and 8260. TRIP BLANK (SOIL) #18 (258906006) was not run for the requested 6010, 7471, NWTPH-Dx and 8270 methods. Trip Blank (258906012) was run for NWTPH-Gx but the analysis was not requested on the chain-of-custody. According to the SAP & QAPP, trip blanks for this sample delivery group should have only been run for method 8260. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition and were preserved correctly. Cooler custody seals were not used. The temperature of the delivery cooler was recorded at 6.2 °C and exceeded the required temperature range. Since the samples were delivered the same day of collection no samples were qualified based on cooler temperature. It was not noted whether the samples were delivered on ice. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Due to high recoveries in the surrogates, the detected results for VOCs were flagged as estimated and the nondetected results were not flagged in samples SUP_SL_7 (258906007) and SUP_SL_8 (258906008). The lab did not confirm the matrix interference with re-analysis.

Three detected acetone results for samples (SUP_SD_7 [258906007], SUP_SD_8 [258906008], and SUP_SD_9 [258906009] were qualified as estimated (J) due to potential false positives from vial contamination from the manufacturer.

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Forty-eight (48) sample results were qualified (see Attachment 1).
- Thirty-two detected sample results were qualified as estimated (J) due to LCS/LCSD recoveries that exceeded control limits, surrogate recoveries that exceeded control limits, MS/MSD recoveries that exceeded control limits, or a laboratory noted qualifier.
- One detected sample result was qualified (B) and eight detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.



- Five detected sample results were qualified estimated (JB) and two detected sample results were qualified as nondetected (UJB) due to method blank contamination and surrogate recoveries that exceeded control limits.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 258906

Laboratory Results								Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_SD_7	258906007	EPA 6010	Solid	Arsenic	140	mg/kg	0.99	J	MS/MSD Recoveries Exceed Control Limits
SUP_SD_7	258906007	EPA 8260	Solid	1,2,4-Trimethylbenzene	5.3 J	ug/kg	3.0	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_7	258906007	EPA 8260	Solid	1,3,5-Trimethylbenzene	3.4 J	ug/kg	1.8	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_7	258906007	EPA 8260	Solid	Acetone	303	ug/kg	6.4	J	Surrogate Recoveries Exceed Control Limits; Laboratory Noted Qualifier
SUP_SD_7	258906007	EPA 8260	Solid	Benzene	7.1 J	ug/kg	0.87	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_7	258906007	EPA 8260	Solid	Bromomethane	2.8 J	ug/kg	1.8	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_7	258906007	EPA 8260	Solid	Carbon disulfide	38.7	ug/kg	1.6	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_7	258906007	EPA 8260	Solid	Chloromethane	3.1 J	ug/kg	1.2	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SD_7	258906007	EPA 8260	Solid	Ethylbenzene	10.7 J	ug/kg	2.2	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_7	258906007	EPA 8260	Solid	Naphthalene	11.8 J	ug/kg	3.2	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SD_7	258906007	EPA 8260	Solid	Toluene	30.4	ug/kg	1.8	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_7	258906007	EPA 8260	Solid	Xylene (Total)	5.2 J	ug/kg	4.3	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SD_7	258906007	EPA 8260	Solid	p-Isopropyltoluene	37.6	ug/kg	2.2	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 6010	Solid	Arsenic	544	mg/kg	5.8	J	MS/MSD Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	1,2,4-Trichlorobenzene	1.6 J	ug/kg	0.63	UJB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SD_8	258906008	EPA 8260	Solid	1,2,4-Trimethylbenzene	18.9	ug/kg	1.3	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	1,2-Dichloroethene (Total)	1.6 J	ug/kg	0.96	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	1,3,5-Trimethylbenzene	7.3 J	ug/kg	0.83	J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	2-Butanone (MEK)	41.8	ug/kg	3.9	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	Acetone	334	ug/kg	2.9	J	Surrogate Recoveries Exceed Control Limits; Laboratory Noted Qualifier
SUP_SD_8	258906008	EPA 8260	Solid	Benzene	5.6 J	ug/kg	0.39	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	Carbon disulfide	6.4 J	ug/kg	0.72	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	Chloromethane	0.91 J	ug/kg	0.53	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	Ethylbenzene	4.4 J	ug/kg	0.98	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	Isopropylbenzene (Cumene)	0.90 J	ug/kg	0.90	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	Naphthalene	10.5	ug/kg	1.4	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SD_8	258906008	EPA 8260	Solid	Toluene	143	ug/kg	0.80	JB	Surrogate Recoveries Exceed Control Limits; Method Blank Contamination
SUP_SD_8	258906008	EPA 8260	Solid	Trichlorofluoromethane	217	ug/kg	0.59	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	Xylene (Total)	6.8 J	ug/kg	1.9	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	cis-1,2-Dichloroethene	1.6 J	ug/kg	0.54	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	m&p-Xylene	4.3 J	ug/kg	1.9	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	n-Propylbenzene	2.5 J	ug/kg	0.91	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	o-Xylene	2.5 J	ug/kg	0.84	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	p-Isopropyltoluene	127	ug/kg	1.0	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_8	258906008	EPA 8260	Solid	sec-Butylbenzene	3.2 J	ug/kg	1.1	J	Surrogate Recoveries Exceed Control Limits
SUP_SD_9	258906009	EPA 6010	Solid	Arsenic	587	mg/kg	3.0	J	MS/MSD Recoveries Exceed Control Limits
SUP_SD_9	258906009	EPA 8260	Solid	Acetone	233	ug/kg	2.8	J	Laboratory Noted Qualifier
SUP_SD_9	258906009	EPA 8260	Solid	Naphthalene	1.9 J	ug/kg	1.4	UB	Method Blank Contamination
SUP_SD_9	258906009	EPA 8260	Solid	Toluene	10.3	ug/kg	0.80	B	Method Blank Contamination
SUP_SD_DUP	258906010	EPA 6010	Solid	Arsenic	141	mg/kg	0.96	J	MS/MSD Recoveries Exceed Control Limits
SUP_SD_DUP	258906010	EPA 8260	Solid	Toluene	13.9 J	ug/kg	1.6	JB	Method Blank Contamination
SUP_SW_2	258906011	EPA 5030B/8260	Water	1,2,4-Trimethylbenzene	0.13 J	ug/L	0.086	UB	Method Blank Contamination
SUP_SW_2	258906011	EPA 5030B/8260	Water	Acetone	3.0 J	ug/L	0.75	UB	Trip Blank Contamination
SUP_SW_2	258906011	EPA 5030B/8260	Water	Bromomethane	0.49 J	ug/L	0.072	UB	Trip Blank Contamination
SUP_SW_2	258906011	EPA 5030B/8260	Water	Carbon disulfide	0.17 J	ug/L	0.16	UB	Trip Blank Contamination
SUP_SW_2	258906011	EPA 5030B/8260	Water	Methylene chloride	0.31 J	ug/L	0.26	UB	Trip Blank Contamination
SUP_SW_2	258906011	EPA 5030B/8260	Water	Toluene	0.22 J	ug/L	0.21	UB	Method Blank Contamination
SUP_SW_2	258906011	EPA 5030B/8260	Water	m&p-Xylene	0.33 J	ug/L	0.27	UB	Method Blank Contamination

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 258906

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 18, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, REV-1 01/24/12. Sample SUP_SD_7 (258906007) is now flagged as: Acetone is a potential false positive result due to VOA vial contamination. This contamination was traced to the supplier of these VOA vials.

Amended Report, 03/14/12 REV2. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 258906

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 258906

Lab ID	Sample ID	Matrix	Date Collected	Date Received
258906001	SUP_SD_2	Solid	08/18/11 15:20	08/18/11 16:30
258906002	SUP_SD_3	Solid	08/18/11 15:00	08/18/11 16:30
258906003	SUP_SD_4	Solid	08/18/11 14:40	08/18/11 16:30
258906004	SUP_SD_5	Solid	08/18/11 14:20	08/18/11 16:30
258906005	SUP_SD_6	Solid	08/18/11 14:00	08/18/11 16:30
258906006	TRIP BLANK (SOIL) #18	Solid	08/18/11 13:30	08/18/11 16:30
258906007	SUP_SD_7	Solid	08/18/11 13:40	08/18/11 16:30
258906008	SUP_SD_8	Solid	08/18/11 13:20	08/18/11 16:30
258906009	SUP_SD_9	Solid	08/18/11 13:00	08/18/11 16:30
258906010	SUP_SD_DUP	Solid	08/18/11 15:30	08/18/11 16:30
258906011	SUP_SW_2	Water	08/18/11 13:30	08/18/11 16:30
258906012	Trip Blank	Water	08/18/11 13:30	08/18/11 16:30

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 258906

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258906001	SUP_SD_2	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258906002	SUP_SD_3	EPA 8270	DMT	7	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258906003	SUP_SD_4	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258906004	SUP_SD_5	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258906005	SUP_SD_6	EPA 8270	DMT	2	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258906006	TRIP BLANK (SOIL) #18	NWTPH-Gx	CC	3	PASI-S
		EPA 8260	ERB	73	PASI-S
258906007	SUP_SD_7	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270 by SIM	DMT	20	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	ERB	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
258906008	SUP_SD_8	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270 by SIM	DMT	20	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
258906009	SUP_SD_9	EPA 7471	BGA	1	PASI-S
		EPA 8270 by SIM	DMT	20	PASI-S
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
258906010	SUP_SD_DUP	EPA 6010	BGA	3	PASI-S
		EPA 7471	BGA	1	PASI-S
		EPA 8270 by SIM	DMT	20	PASI-S
		NWTPH-Dx	AY1	4	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon

Pace Project No.: 258906

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	DMT	2	PASI-S
		EPA 8260	LPM	73	PASI-S
		ASTM D2974-87	DMT	1	PASI-S
258906011	SUP_SW_2	EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
258906012	Trip Blank	EPA 5030B/8260	LPM	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SD_2 **Lab ID: 258906001** Collected: 08/18/11 15:20 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	687	218	1	08/22/11 21:30	08/24/11 02:54	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	71 %		26-135		1	08/22/11 21:30	08/24/11 02:54	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	49.5 %		0.10	0.10	1		08/19/11 19:11		

Sample: SUP_SD_3 **Lab ID: 258906002** Collected: 08/18/11 15:00 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	876	278	1	08/22/11 21:30	08/23/11 23:29	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	78 %		40-138		1	08/22/11 21:30	08/23/11 23:29	4165-60-0	
2-Fluorobiphenyl (S)	79 %		46-118		1	08/22/11 21:30	08/23/11 23:29	321-60-8	
Terphenyl-d14 (S)	80 %		41-137		1	08/22/11 21:30	08/23/11 23:29	1718-51-0	
Phenol-d6 (S)	65 %		44-120		1	08/22/11 21:30	08/23/11 23:29	13127-88-3	
2-Fluorophenol (S)	65 %		37-117		1	08/22/11 21:30	08/23/11 23:29	367-12-4	
2,4,6-Tribromophenol (S)	79 %		26-135		1	08/22/11 21:30	08/23/11 23:29	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	64.8 %		0.10	0.10	1		08/19/11 19:12		

Sample: SUP_SD_4 **Lab ID: 258906003** Collected: 08/18/11 14:40 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1240	393	1	08/22/11 21:30	08/24/11 00:37	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	76 %		26-135		1	08/22/11 21:30	08/24/11 00:37	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	74.1 %		0.10	0.10	1		08/19/11 19:13		

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258906

Sample: SUP_SD_5 **Lab ID: 258906004** Collected: 08/18/11 14:20 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1060	335	1	08/22/11 21:30	08/24/11 01:00	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	80 %		26-135		1	08/22/11 21:30	08/24/11 01:00	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	69.7 %		0.10	0.10	1		08/19/11 19:14		

Sample: SUP_SD_6 **Lab ID: 258906005** Collected: 08/18/11 14:00 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	916	290	1	08/22/11 21:30	08/24/11 01:23	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	60 %		26-135		1	08/22/11 21:30	08/24/11 01:23	118-79-6	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	67.0 %		0.10	0.10	1		08/19/11 19:15		

Sample: TRIP BLANK (SOIL) #18 **Lab ID: 258906006** Collected: 08/18/11 13:30 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
Gasoline Range Organics	0.66J	mg/kg	5.0	0.20	1	08/20/11 12:30	08/20/11 15:26		
Surrogates									
a,a,a-Trifluoroethane (S)	110 %		50-150		1	08/20/11 12:30	08/20/11 15:26	98-08-8	
4-Bromofluorobenzene (S)	79 %		50-150		1	08/20/11 12:30	08/20/11 15:26	460-00-4	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	0.15	1		08/22/11 17:18	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	0.18	1		08/22/11 17:18	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	0.28	1		08/22/11 17:18	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	0.28	1		08/22/11 17:18	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	0.40	1		08/22/11 17:18	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	0.24	1		08/22/11 17:18	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	0.37	1		08/22/11 17:18	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	0.35	1		08/22/11 17:18	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	0.28	1		08/22/11 17:18	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	0.34	1		08/22/11 17:18	96-18-4	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 8 of 54

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: TRIP BLANK (SOIL) #18 Lab ID: 258906006 Collected: 08/18/11 13:30 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	0.24	1		08/22/11 17:18	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	0.52	1		08/22/11 17:18	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.39	1		08/22/11 17:18	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	0.21	1		08/22/11 17:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	0.25	1		08/22/11 17:18	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	0.22	1		08/22/11 17:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	0.37	1		08/22/11 17:18	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	0.18	1		08/22/11 17:18	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	0.32	1		08/22/11 17:18	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	0.19	1		08/22/11 17:18	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	0.28	1		08/22/11 17:18	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	0.24	1		08/22/11 17:18	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	0.19	1		08/22/11 17:18	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1.5	1		08/22/11 17:18	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	0.31	1		08/22/11 17:18	95-49-8	
2-Hexanone	ND	ug/kg	10.0	0.36	1		08/22/11 17:18	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	0.27	1		08/22/11 17:18	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	0.30	1		08/22/11 17:18	108-10-1	
Acetone	ND	ug/kg	10.0	1.1	1		08/22/11 17:18	67-64-1	
Benzene	ND	ug/kg	3.0	0.15	1		08/22/11 17:18	71-43-2	
Bromobenzene	ND	ug/kg	3.0	0.23	1		08/22/11 17:18	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	0.22	1		08/22/11 17:18	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	0.12	1		08/22/11 17:18	75-27-4	
Bromoform	ND	ug/kg	3.0	0.23	1		08/22/11 17:18	75-25-2	
Bromomethane	ND	ug/kg	3.0	0.32	1		08/22/11 17:18	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	0.28	1		08/22/11 17:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	0.18	1		08/22/11 17:18	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	0.18	1		08/22/11 17:18	108-90-7	
Chloroethane	ND	ug/kg	3.0	0.29	1		08/22/11 17:18	75-00-3	
Chloroform	ND	ug/kg	3.0	0.19	1		08/22/11 17:18	67-66-3	
Chloromethane	ND	ug/kg	3.0	0.21	1		08/22/11 17:18	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	0.10	1		08/22/11 17:18	124-48-1	
Dibromomethane	ND	ug/kg	3.0	0.21	1		08/22/11 17:18	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	0.42	1		08/22/11 17:18	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	0.38	1		08/22/11 17:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	0.30	1		08/22/11 17:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	0.35	1		08/22/11 17:18	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	0.25	1		08/22/11 17:18	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	2.6	1		08/22/11 17:18	75-09-2	
Naphthalene	0.59J	ug/kg	3.0	0.55	1		08/22/11 17:18	91-20-3	
Styrene	ND	ug/kg	3.0	0.29	1		08/22/11 17:18	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	0.38	1		08/22/11 17:18	127-18-4	
Toluene	ND	ug/kg	3.0	0.31	1		08/22/11 17:18	108-88-3	
Trichloroethene	ND	ug/kg	3.0	0.21	1		08/22/11 17:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	0.23	1		08/22/11 17:18	75-69-4	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258906

Sample: TRIP BLANK (SOIL) #18 **Lab ID: 258906006** Collected: 08/18/11 13:30 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Vinyl chloride	ND	ug/kg	3.0	0.28	1		08/22/11 17:18	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	0.75	1		08/22/11 17:18	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	0.21	1		08/22/11 17:18	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	0.13	1		08/22/11 17:18	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	0.75	1		08/22/11 17:18	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	0.46	1		08/22/11 17:18	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	0.35	1		08/22/11 17:18	103-65-1	
o-Xylene	ND	ug/kg	3.0	0.33	1		08/22/11 17:18	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	0.38	1		08/22/11 17:18	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	0.42	1		08/22/11 17:18	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	0.26	1		08/22/11 17:18	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	0.34	1		08/22/11 17:18	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	0.30	1		08/22/11 17:18	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	0.21	1		08/22/11 17:18	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	95 %		72-129		1		08/22/11 17:18	1868-53-7	
Toluene-d8 (S)	100 %		69-133		1		08/22/11 17:18	2037-26-5	
4-Bromofluorobenzene (S)	105 %		67-142		1		08/22/11 17:18	460-00-4	
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/22/11 17:18	17060-07-0	

Sample: SUP_SD_7 **Lab ID: 258906007** Collected: 08/18/11 13:40 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	31.5J	mg/kg	55.3	27.7	1	08/22/11 12:20	08/22/11 17:50		
Motor Oil Range SG	280	mg/kg	221	111	1	08/22/11 12:20	08/22/11 17:50	64742-65-0	
Surrogates									
n-Octacosane (S) SG	105 %		50-150		1	08/22/11 12:20	08/22/11 17:50	630-02-4	
o-Terphenyl (S) SG	88 %		50-150		1	08/22/11 12:20	08/22/11 17:50	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	140	mg/kg	6.7	0.99	1	08/26/11 10:04	08/29/11 16:09	7440-38-2	
Cadmium	0.57J	mg/kg	3.3	0.037	1	08/26/11 10:04	08/29/11 16:09	7440-43-9	
Lead	31.4	mg/kg	3.3	0.21	1	08/26/11 10:04	08/29/11 16:09	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.034J	mg/kg	0.24	0.0050	1	08/24/11 15:43	08/25/11 14:20	7439-97-6	
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	288	ug/kg	49.4	8.7	1	09/01/11 09:30	09/02/11 02:43	83-32-9	
Acenaphthylene	ND	ug/kg	49.4	8.5	1	09/01/11 09:30	09/02/11 02:43	208-96-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SD_7 Lab ID: 258906007 Collected: 08/18/11 13:40 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	142	ug/kg	49.4	8.2	1	09/01/11 09:30	09/02/11 02:43	120-12-7	
Benzo(a)anthracene	134	ug/kg	49.4	7.5	1	09/01/11 09:30	09/02/11 02:43	56-55-3	
Benzo(a)pyrene	67.1	ug/kg	49.4	9.2	1	09/01/11 09:30	09/02/11 02:43	50-32-8	
Benzo(b)fluoranthene	151	ug/kg	49.4	8.0	1	09/01/11 09:30	09/02/11 02:43	205-99-2	
Benzo(g,h,i)perylene	60.3	ug/kg	49.4	6.7	1	09/01/11 09:30	09/02/11 02:43	191-24-2	
Benzo(k)fluoranthene	42.2J	ug/kg	49.4	8.1	1	09/01/11 09:30	09/02/11 02:43	207-08-9	
Chrysene	244	ug/kg	49.4	9.0	1	09/01/11 09:30	09/02/11 02:43	218-01-9	
Dibenz(a,h)anthracene	14.4J	ug/kg	49.4	6.3	1	09/01/11 09:30	09/02/11 02:43	53-70-3	
Fluoranthene	668	ug/kg	49.4	8.5	1	09/01/11 09:30	09/02/11 02:43	206-44-0	
Fluorene	204	ug/kg	49.4	10.4	1	09/01/11 09:30	09/02/11 02:43	86-73-7	
Indeno(1,2,3-cd)pyrene	54.2	ug/kg	49.4	6.3	1	09/01/11 09:30	09/02/11 02:43	193-39-5	
1-Methylnaphthalene	58.8	ug/kg	49.4	8.9	1	09/01/11 09:30	09/02/11 02:43	90-12-0	
2-Methylnaphthalene	96.9	ug/kg	49.4	8.9	1	09/01/11 09:30	09/02/11 02:43	91-57-6	
Naphthalene	99.4	ug/kg	49.4	19.5	1	09/01/11 09:30	09/02/11 02:43	91-20-3	
Phenanthrene	571	ug/kg	49.4	8.3	1	09/01/11 09:30	09/02/11 02:43	85-01-8	
Pyrene	583	ug/kg	49.4	8.3	1	09/01/11 09:30	09/02/11 02:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	56	%	31-131		1	09/01/11 09:30	09/02/11 02:43	321-60-8	
Terphenyl-d14 (S)	40	%	30-133		1	09/01/11 09:30	09/02/11 02:43	1718-51-0	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1170	369	1	08/22/11 21:30	08/24/11 01:46	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	85	%	26-135		1	08/22/11 21:30	08/24/11 01:46	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	17.4	0.85	1		08/22/11 21:03	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	17.4	1.1	1		08/22/11 21:03	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	17.4	1.6	1		08/22/11 21:03	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	17.4	1.6	1		08/22/11 21:03	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	17.4	2.3	1		08/22/11 21:03	76-13-1	
1,1-Dichloroethane	ND	ug/kg	17.4	1.4	1		08/22/11 21:03	75-34-3	
1,1-Dichloroethene	ND	ug/kg	17.4	2.1	1		08/22/11 21:03	75-35-4	
1,1-Dichloropropene	ND	ug/kg	17.4	2.0	1		08/22/11 21:03	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	17.4	1.6	1		08/22/11 21:03	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	17.4	2.0	1		08/22/11 21:03	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	17.4	1.4	1		08/22/11 21:03	120-82-1	
1,2,4-Trimethylbenzene	5.3J	ug/kg	17.4	3.0	1		08/22/11 21:03	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	28.9	2.3	1		08/22/11 21:03	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	17.4	1.2	1		08/22/11 21:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	17.4	1.4	1		08/22/11 21:03	95-50-1	
1,2-Dichloroethane	ND	ug/kg	17.4	1.3	1		08/22/11 21:03	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	34.7	2.1	1		08/22/11 21:03	540-59-0	
1,2-Dichloropropane	ND	ug/kg	17.4	1.0	1		08/22/11 21:03	78-87-5	
1,3,5-Trimethylbenzene	3.4J	ug/kg	17.4	1.8	1		08/22/11 21:03	108-67-8	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258906

Sample: SUP_SD_7 Lab ID: 258906007 Collected: 08/18/11 13:40 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/kg	17.4	1.1	1		08/22/11 21:03	541-73-1	
1,3-Dichloropropane	ND	ug/kg	17.4	1.6	1		08/22/11 21:03	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	17.4	1.4	1		08/22/11 21:03	106-46-7	
2,2-Dichloropropane	ND	ug/kg	17.4	1.1	1		08/22/11 21:03	594-20-7	
2-Butanone (MEK)	ND	ug/kg	57.8	8.7	1		08/22/11 21:03	78-93-3	
2-Chlorotoluene	ND	ug/kg	17.4	1.8	1		08/22/11 21:03	95-49-8	
2-Hexanone	ND	ug/kg	57.8	2.1	1		08/22/11 21:03	591-78-6	
4-Chlorotoluene	ND	ug/kg	17.4	1.5	1		08/22/11 21:03	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	57.8	1.8	1		08/22/11 21:03	108-10-1	
Acetone	303	ug/kg	57.8	6.4	1		08/22/11 21:03	67-64-1	1n
Benzene	7.1J	ug/kg	17.4	0.87	1		08/22/11 21:03	71-43-2	
Bromobenzene	ND	ug/kg	17.4	1.4	1		08/22/11 21:03	108-86-1	
Bromochloromethane	ND	ug/kg	17.4	1.3	1		08/22/11 21:03	74-97-5	
Bromodichloromethane	ND	ug/kg	17.4	0.68	1		08/22/11 21:03	75-27-4	
Bromoform	ND	ug/kg	17.4	1.3	1		08/22/11 21:03	75-25-2	
Bromomethane	2.8J	ug/kg	17.4	1.8	1		08/22/11 21:03	74-83-9	
Carbon disulfide	38.7	ug/kg	17.4	1.6	1		08/22/11 21:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	17.4	1.0	1		08/22/11 21:03	56-23-5	
Chlorobenzene	ND	ug/kg	17.4	1.1	1		08/22/11 21:03	108-90-7	
Chloroethane	ND	ug/kg	17.4	1.7	1		08/22/11 21:03	75-00-3	
Chloroform	ND	ug/kg	17.4	1.1	1		08/22/11 21:03	67-66-3	
Chloromethane	3.1J	ug/kg	17.4	1.2	1		08/22/11 21:03	74-87-3	
Dibromochloromethane	ND	ug/kg	17.4	0.58	1		08/22/11 21:03	124-48-1	
Dibromomethane	ND	ug/kg	17.4	1.2	1		08/22/11 21:03	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	17.4	2.4	1		08/22/11 21:03	75-71-8	
Ethylbenzene	10.7J	ug/kg	17.4	2.2	1		08/22/11 21:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	17.4	1.7	1		08/22/11 21:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	17.4	2.0	1		08/22/11 21:03	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	17.4	1.4	1		08/22/11 21:03	1634-04-4	
Methylene chloride	ND	ug/kg	57.8	15.3	1		08/22/11 21:03	75-09-2	
Naphthalene	11.8J	ug/kg	17.4	3.2	1		08/22/11 21:03	91-20-3	
Styrene	ND	ug/kg	17.4	1.7	1		08/22/11 21:03	100-42-5	
Tetrachloroethene	ND	ug/kg	17.4	2.2	1		08/22/11 21:03	127-18-4	
Toluene	30.4	ug/kg	17.4	1.8	1		08/22/11 21:03	108-88-3	
Trichloroethene	ND	ug/kg	17.4	1.2	1		08/22/11 21:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	17.4	1.3	1		08/22/11 21:03	75-69-4	
Vinyl chloride	ND	ug/kg	17.4	1.6	1		08/22/11 21:03	75-01-4	
Xylene (Total)	5.2J	ug/kg	52.1	4.3	1		08/22/11 21:03	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	17.4	1.2	1		08/22/11 21:03	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	17.4	0.75	1		08/22/11 21:03	10061-01-5	
m&p-Xylene	ND	ug/kg	34.7	4.3	1		08/22/11 21:03	179601-23-1	
n-Butylbenzene	ND	ug/kg	17.4	2.6	1		08/22/11 21:03	104-51-8	
n-Propylbenzene	ND	ug/kg	17.4	2.0	1		08/22/11 21:03	103-65-1	
o-Xylene	ND	ug/kg	17.4	1.9	1		08/22/11 21:03	95-47-6	
p-Isopropyltoluene	37.6	ug/kg	17.4	2.2	1		08/22/11 21:03	99-87-6	3n,IS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SD_7 **Lab ID:** 258906007 Collected: 08/18/11 13:40 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260									
sec-Butylbenzene	ND	ug/kg	17.4	2.4	1		08/22/11 21:03	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	17.4	1.5	1		08/22/11 21:03	994-05-8	
tert-Butylbenzene	ND	ug/kg	17.4	2.0	1		08/22/11 21:03	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	17.4	1.7	1		08/22/11 21:03	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	17.4	1.2	1		08/22/11 21:03	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98 %		72-129		1		08/22/11 21:03	1868-53-7	
Toluene-d8 (S)	121 %		69-133		1		08/22/11 21:03	2037-26-5	
4-Bromofluorobenzene (S)	155 %		67-142		1		08/22/11 21:03	460-00-4	S5
1,2-Dichloroethane-d4 (S)	110 %		67-136		1		08/22/11 21:03	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	73.5 %		0.10	0.10	1		08/19/11 19:16		

Sample: SUP_SD_8 **Lab ID:** 258906008 Collected: 08/18/11 13:20 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	47.9J	mg/kg	64.0	32.0	1	08/22/11 12:20	08/22/11 18:24		
Motor Oil Range SG	394	mg/kg	256	128	1	08/22/11 12:20	08/22/11 18:24	64742-65-0	
Surrogates									
n-Octacosane (S) SG	105 %		50-150		1	08/22/11 12:20	08/22/11 18:24	630-02-4	
o-Terphenyl (S) SG	91 %		50-150		1	08/22/11 12:20	08/22/11 18:24	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	544	mg/kg	38.8	5.8	5	08/26/11 10:04	08/29/11 15:33	7440-38-2	
Cadmium	3.2J	mg/kg	19.4	0.21	5	08/26/11 10:04	08/29/11 15:33	7440-43-9	D3
Lead	84.6	mg/kg	3.9	0.24	1	08/26/11 10:04	08/29/11 16:12	7439-92-1	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.070J	mg/kg	0.27	0.0058	1	08/24/11 15:43	08/25/11 14:22	7439-97-6	
8270 MSSV PAH by SIM Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
1-Methylnaphthalene	168	ug/kg	51.6	9.3	1	09/01/11 09:30	09/02/11 03:00	90-12-0	
2-Methylnaphthalene	235	ug/kg	51.6	9.3	1	09/01/11 09:30	09/02/11 03:00	91-57-6	
Acenaphthene	584	ug/kg	51.6	9.1	1	09/01/11 09:30	09/02/11 03:00	83-32-9	
Acenaphthylene	ND	ug/kg	51.6	8.9	1	09/01/11 09:30	09/02/11 03:00	208-96-8	
Anthracene	351	ug/kg	51.6	8.5	1	09/01/11 09:30	09/02/11 03:00	120-12-7	
Benzo(a)anthracene	191	ug/kg	51.6	7.9	1	09/01/11 09:30	09/02/11 03:00	56-55-3	
Benzo(a)pyrene	100	ug/kg	51.6	9.6	1	09/01/11 09:30	09/02/11 03:00	50-32-8	
Benzo(b)fluoranthene	243	ug/kg	51.6	8.4	1	09/01/11 09:30	09/02/11 03:00	205-99-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SD_8 Lab ID: 258906008 Collected: 08/18/11 13:20 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Benzo(g,h,i)perylene	157	ug/kg	51.6	7.0	1	09/01/11 09:30	09/02/11 03:00	191-24-2	
Benzo(k)fluoranthene	76.0	ug/kg	51.6	8.5	1	09/01/11 09:30	09/02/11 03:00	207-08-9	
Chrysene	414	ug/kg	51.6	9.4	1	09/01/11 09:30	09/02/11 03:00	218-01-9	
Dibenz(a,h)anthracene	22.2J	ug/kg	51.6	6.6	1	09/01/11 09:30	09/02/11 03:00	53-70-3	
Fluoranthene	1100	ug/kg	51.6	8.9	1	09/01/11 09:30	09/02/11 03:00	206-44-0	
Fluorene	433	ug/kg	51.6	10.8	1	09/01/11 09:30	09/02/11 03:00	86-73-7	
Indeno(1,2,3-cd)pyrene	107	ug/kg	51.6	6.6	1	09/01/11 09:30	09/02/11 03:00	193-39-5	
Naphthalene	179	ug/kg	51.6	20.4	1	09/01/11 09:30	09/02/11 03:00	91-20-3	
Phenanthrene	1250	ug/kg	51.6	8.7	1	09/01/11 09:30	09/02/11 03:00	85-01-8	
Pyrene	784	ug/kg	51.6	8.7	1	09/01/11 09:30	09/02/11 03:00	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55 %		31-131		1	09/01/11 09:30	09/02/11 03:00	321-60-8	
Terphenyl-d14 (S)	43 %		30-133		1	09/01/11 09:30	09/02/11 03:00	1718-51-0	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	1260	399	1	08/22/11 21:30	08/24/11 02:09	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	66 %		26-135		1	08/22/11 21:30	08/24/11 02:09	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.8	0.38	1		08/25/11 12:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.8	0.48	1		08/25/11 12:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.8	0.72	1		08/25/11 12:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.8	0.72	1		08/25/11 12:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.8	1.0	1		08/25/11 12:58	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.8	0.62	1		08/25/11 12:58	75-34-3	
1,1-Dichloroethene	ND	ug/kg	7.8	0.96	1		08/25/11 12:58	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.8	0.91	1		08/25/11 12:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.8	0.72	1		08/25/11 12:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.8	0.89	1		08/25/11 12:58	96-18-4	
1,2,4-Trichlorobenzene	1.6J	ug/kg	7.8	0.63	1		08/25/11 12:58	120-82-1	B
1,2,4-Trimethylbenzene	18.9	ug/kg	7.8	1.3	1		08/25/11 12:58	95-63-6	3n,IS
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.0	1.0	1		08/25/11 12:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.8	0.55	1		08/25/11 12:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.8	0.64	1		08/25/11 12:58	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.8	0.58	1		08/25/11 12:58	107-06-2	
1,2-Dichloroethene (Total)	1.6J	ug/kg	15.6	0.96	1		08/25/11 12:58	540-59-0	
1,2-Dichloropropane	ND	ug/kg	7.8	0.47	1		08/25/11 12:58	78-87-5	
1,3,5-Trimethylbenzene	7.3J	ug/kg	7.8	0.83	1		08/25/11 12:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.8	0.49	1		08/25/11 12:58	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.8	0.72	1		08/25/11 12:58	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.8	0.62	1		08/25/11 12:58	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.8	0.48	1		08/25/11 12:58	594-20-7	
2-Butanone (MEK)	41.8	ug/kg	26.0	3.9	1		08/25/11 12:58	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.8	0.82	1		08/25/11 12:58	95-49-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SD_8 Lab ID: 258906008 Collected: 08/18/11 13:20 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
2-Hexanone	ND	ug/kg	26.0	0.93	1		08/25/11 12:58	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.8	0.69	1		08/25/11 12:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26.0	0.79	1		08/25/11 12:58	108-10-1	
Acetone	334	ug/kg	26.0	2.9	1		08/25/11 12:58	67-64-1	1n
Benzene	5.6J	ug/kg	7.8	0.39	1		08/25/11 12:58	71-43-2	
Bromobenzene	ND	ug/kg	7.8	0.61	1		08/25/11 12:58	108-86-1	
Bromochloromethane	ND	ug/kg	7.8	0.57	1		08/25/11 12:58	74-97-5	
Bromodichloromethane	ND	ug/kg	7.8	0.31	1		08/25/11 12:58	75-27-4	
Bromoform	ND	ug/kg	7.8	0.60	1		08/25/11 12:58	75-25-2	
Bromomethane	ND	ug/kg	7.8	0.82	1		08/25/11 12:58	74-83-9	
Carbon disulfide	6.4J	ug/kg	7.8	0.72	1		08/25/11 12:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.8	0.47	1		08/25/11 12:58	56-23-5	
Chlorobenzene	ND	ug/kg	7.8	0.47	1		08/25/11 12:58	108-90-7	
Chloroethane	ND	ug/kg	7.8	0.75	1		08/25/11 12:58	75-00-3	
Chloroform	ND	ug/kg	7.8	0.50	1		08/25/11 12:58	67-66-3	
Chloromethane	0.91J	ug/kg	7.8	0.53	1		08/25/11 12:58	74-87-3	
Dibromochloromethane	ND	ug/kg	7.8	0.26	1		08/25/11 12:58	124-48-1	
Dibromomethane	ND	ug/kg	7.8	0.54	1		08/25/11 12:58	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.8	1.1	1		08/25/11 12:58	75-71-8	
Ethylbenzene	4.4J	ug/kg	7.8	0.98	1		08/25/11 12:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.8	0.77	1		08/25/11 12:58	87-68-3	
Isopropylbenzene (Cumene)	0.90J	ug/kg	7.8	0.90	1		08/25/11 12:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.8	0.65	1		08/25/11 12:58	1634-04-4	
Methylene chloride	ND	ug/kg	26.0	6.9	1		08/25/11 12:58	75-09-2	
Naphthalene	10.5	ug/kg	7.8	1.4	1		08/25/11 12:58	91-20-3	3n,B,IS
Styrene	ND	ug/kg	7.8	0.75	1		08/25/11 12:58	100-42-5	
Tetrachloroethene	ND	ug/kg	7.8	0.99	1		08/25/11 12:58	127-18-4	
Toluene	143	ug/kg	7.8	0.80	1		08/25/11 12:58	108-88-3	3n,B,IS
Trichloroethene	ND	ug/kg	7.8	0.54	1		08/25/11 12:58	79-01-6	
Trichlorofluoromethane	217	ug/kg	7.8	0.59	1		08/25/11 12:58	75-69-4	
Vinyl chloride	ND	ug/kg	7.8	0.73	1		08/25/11 12:58	75-01-4	
Xylene (Total)	6.8J	ug/kg	23.4	1.9	1		08/25/11 12:58	1330-20-7	
cis-1,2-Dichloroethene	1.6J	ug/kg	7.8	0.54	1		08/25/11 12:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.8	0.34	1		08/25/11 12:58	10061-01-5	
m&p-Xylene	4.3J	ug/kg	15.6	1.9	1		08/25/11 12:58	179601-23-1	
n-Butylbenzene	ND	ug/kg	7.8	1.2	1		08/25/11 12:58	104-51-8	
n-Propylbenzene	2.5J	ug/kg	7.8	0.91	1		08/25/11 12:58	103-65-1	
o-Xylene	2.5J	ug/kg	7.8	0.84	1		08/25/11 12:58	95-47-6	
p-Isopropyltoluene	127	ug/kg	7.8	1.0	1		08/25/11 12:58	99-87-6	3n,IS
sec-Butylbenzene	3.2J	ug/kg	7.8	1.1	1		08/25/11 12:58	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.8	0.67	1		08/25/11 12:58	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.8	0.90	1		08/25/11 12:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.8	0.78	1		08/25/11 12:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.8	0.55	1		08/25/11 12:58	10061-02-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SD_8 **Lab ID: 258906008** Collected: 08/18/11 13:20 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
<i>Surrogates</i>									
Dibromofluoromethane (S)	105 %		72-129		1		08/25/11 12:58	1868-53-7	
Toluene-d8 (S)	130 %		69-133		1		08/25/11 12:58	2037-26-5	
4-Bromofluorobenzene (S)	168 %		67-142		1		08/25/11 12:58	460-00-4	S5
1,2-Dichloroethane-d4 (S)	136 %		67-136		1		08/25/11 12:58	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	75.5 %		0.10	0.10	1		08/19/11 19:17		

Sample: SUP_SD_9 **Lab ID: 258906009** Collected: 08/18/11 13:00 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546							
Diesel Range SG	122 mg/kg		34.4	17.2	1	08/22/11 12:20	08/22/11 18:42		
Motor Oil Range SG	966 mg/kg		138	68.9	1	08/22/11 12:20	08/22/11 18:42	64742-65-0	
<i>Surrogates</i>									
n-Octacosane (S) SG	129 %		50-150		1	08/22/11 12:20	08/22/11 18:42	630-02-4	
o-Terphenyl (S) SG	85 %		50-150		1	08/22/11 12:20	08/22/11 18:42	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	587 mg/kg		20.0	3.0	5	08/26/11 10:04	08/29/11 15:36	7440-38-2	
Cadmium	3.7J mg/kg		10.0	0.11	5	08/26/11 10:04	08/29/11 15:36	7440-43-9	D3
Lead	176 mg/kg		2.0	0.13	1	08/26/11 10:04	08/29/11 16:16	7439-92-1	
7471 Mercury		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.078J mg/kg		0.15	0.0031	1	08/24/11 15:43	08/25/11 14:24	7439-97-6	
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
1-Methylnaphthalene	27.0J ug/kg		28.8	5.2	1	09/01/11 09:30	09/02/11 03:36	90-12-0	
2-Methylnaphthalene	47.9 ug/kg		28.8	5.2	1	09/01/11 09:30	09/02/11 03:36	91-57-6	
Acenaphthene	42.7 ug/kg		28.8	5.1	1	09/01/11 09:30	09/02/11 03:36	83-32-9	
Acenaphthylene	14.0J ug/kg		28.8	5.0	1	09/01/11 09:30	09/02/11 03:36	208-96-8	
Anthracene	47.8 ug/kg		28.8	4.8	1	09/01/11 09:30	09/02/11 03:36	120-12-7	
Benzo(a)anthracene	118 ug/kg		28.8	4.4	1	09/01/11 09:30	09/02/11 03:36	56-55-3	
Benzo(a)pyrene	103 ug/kg		28.8	5.4	1	09/01/11 09:30	09/02/11 03:36	50-32-8	
Benzo(b)fluoranthene	233 ug/kg		28.8	4.7	1	09/01/11 09:30	09/02/11 03:36	205-99-2	
Benzo(g,h,i)perylene	150 ug/kg		28.8	3.9	1	09/01/11 09:30	09/02/11 03:36	191-24-2	
Benzo(k)fluoranthene	69.3 ug/kg		28.8	4.7	1	09/01/11 09:30	09/02/11 03:36	207-08-9	
Chrysene	275 ug/kg		28.8	5.3	1	09/01/11 09:30	09/02/11 03:36	218-01-9	
Dibenz(a,h)anthracene	32.8 ug/kg		28.8	3.7	1	09/01/11 09:30	09/02/11 03:36	53-70-3	
Fluoranthene	353 ug/kg		28.8	5.0	1	09/01/11 09:30	09/02/11 03:36	206-44-0	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258906

Sample: SUP_SD_9 Lab ID: 258906009 Collected: 08/18/11 13:00 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Fluorene	41.5	ug/kg	28.8	6.0	1	09/01/11 09:30	09/02/11 03:36	86-73-7	
Indeno(1,2,3-cd)pyrene	118	ug/kg	28.8	3.7	1	09/01/11 09:30	09/02/11 03:36	193-39-5	
Naphthalene	89.1	ug/kg	28.8	11.4	1	09/01/11 09:30	09/02/11 03:36	91-20-3	
Phenanthrene	207	ug/kg	28.8	4.8	1	09/01/11 09:30	09/02/11 03:36	85-01-8	
Pyrene	317	ug/kg	28.8	4.9	1	09/01/11 09:30	09/02/11 03:36	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	42 %		31-131		1	09/01/11 09:30	09/02/11 03:36	321-60-8	
Terphenyl-d14 (S)	36 %		30-133		1	09/01/11 09:30	09/02/11 03:36	1718-51-0	
8270 MSSV Semivolatiles									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pentachlorophenol	ND	ug/kg	676	214	1	08/22/11 21:30	08/24/11 03:17	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	78 %		26-135		1	08/22/11 21:30	08/24/11 03:17	118-79-6	
8260/5035A Volatile Organics									
Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.7	0.38	1		08/25/11 16:24	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.7	0.47	1		08/25/11 16:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.7	0.72	1		08/25/11 16:24	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.7	0.72	1		08/25/11 16:24	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.7	1.0	1		08/25/11 16:24	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.7	0.61	1		08/25/11 16:24	75-34-3	
1,1-Dichloroethene	ND	ug/kg	7.7	0.96	1		08/25/11 16:24	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.7	0.90	1		08/25/11 16:24	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.7	0.72	1		08/25/11 16:24	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.7	0.88	1		08/25/11 16:24	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.7	0.63	1		08/25/11 16:24	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	7.7	1.3	1		08/25/11 16:24	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.9	1.0	1		08/25/11 16:24	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.7	0.54	1		08/25/11 16:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.7	0.64	1		08/25/11 16:24	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.7	0.57	1		08/25/11 16:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	15.5	0.96	1		08/25/11 16:24	540-59-0	
1,2-Dichloropropane	ND	ug/kg	7.7	0.47	1		08/25/11 16:24	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.7	0.82	1		08/25/11 16:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.7	0.49	1		08/25/11 16:24	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.7	0.72	1		08/25/11 16:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.7	0.62	1		08/25/11 16:24	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.7	0.48	1		08/25/11 16:24	594-20-7	
2-Butanone (MEK)	ND	ug/kg	25.8	3.9	1		08/25/11 16:24	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.7	0.81	1		08/25/11 16:24	95-49-8	
2-Hexanone	ND	ug/kg	25.8	0.93	1		08/25/11 16:24	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.7	0.69	1		08/25/11 16:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.8	0.78	1		08/25/11 16:24	108-10-1	
Acetone	233	ug/kg	25.8	2.8	1		08/25/11 16:24	67-64-1	1n
Benzene	1.6J	ug/kg	7.7	0.39	1		08/25/11 16:24	71-43-2	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258906

Sample: SUP_SD_9 Lab ID: 258906009 Collected: 08/18/11 13:00 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Bromobenzene	ND	ug/kg	7.7	0.60	1		08/25/11 16:24	108-86-1	
Bromochloromethane	ND	ug/kg	7.7	0.57	1		08/25/11 16:24	74-97-5	
Bromodichloromethane	ND	ug/kg	7.7	0.30	1		08/25/11 16:24	75-27-4	
Bromoform	ND	ug/kg	7.7	0.60	1		08/25/11 16:24	75-25-2	
Bromomethane	ND	ug/kg	7.7	0.82	1		08/25/11 16:24	74-83-9	
Carbon disulfide	3.9J	ug/kg	7.7	0.72	1		08/25/11 16:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.7	0.47	1		08/25/11 16:24	56-23-5	
Chlorobenzene	ND	ug/kg	7.7	0.47	1		08/25/11 16:24	108-90-7	
Chloroethane	ND	ug/kg	7.7	0.75	1		08/25/11 16:24	75-00-3	
Chloroform	ND	ug/kg	7.7	0.50	1		08/25/11 16:24	67-66-3	
Chloromethane	ND	ug/kg	7.7	0.53	1		08/25/11 16:24	74-87-3	
Dibromochloromethane	ND	ug/kg	7.7	0.26	1		08/25/11 16:24	124-48-1	
Dibromomethane	ND	ug/kg	7.7	0.54	1		08/25/11 16:24	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.7	1.1	1		08/25/11 16:24	75-71-8	
Ethylbenzene	2.7J	ug/kg	7.7	0.98	1		08/25/11 16:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.7	0.77	1		08/25/11 16:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.7	0.89	1		08/25/11 16:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.7	0.64	1		08/25/11 16:24	1634-04-4	
Methylene chloride	ND	ug/kg	25.8	6.8	1		08/25/11 16:24	75-09-2	
Naphthalene	1.9J	ug/kg	7.7	1.4	1		08/25/11 16:24	91-20-3	B
Styrene	ND	ug/kg	7.7	0.74	1		08/25/11 16:24	100-42-5	
Tetrachloroethene	ND	ug/kg	7.7	0.99	1		08/25/11 16:24	127-18-4	
Toluene	10.3	ug/kg	7.7	0.80	1		08/25/11 16:24	108-88-3	B
Trichloroethene	ND	ug/kg	7.7	0.54	1		08/25/11 16:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.7	0.59	1		08/25/11 16:24	75-69-4	
Vinyl chloride	ND	ug/kg	7.7	0.72	1		08/25/11 16:24	75-01-4	
Xylene (Total)	ND	ug/kg	23.2	1.9	1		08/25/11 16:24	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	7.7	0.54	1		08/25/11 16:24	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	7.7	0.34	1		08/25/11 16:24	10061-01-5	
m&p-Xylene	ND	ug/kg	15.5	1.9	1		08/25/11 16:24	179601-23-1	
n-Butylbenzene	ND	ug/kg	7.7	1.2	1		08/25/11 16:24	104-51-8	
n-Propylbenzene	ND	ug/kg	7.7	0.91	1		08/25/11 16:24	103-65-1	
o-Xylene	ND	ug/kg	7.7	0.84	1		08/25/11 16:24	95-47-6	
p-Isopropyltoluene	17.7	ug/kg	7.7	0.99	1		08/25/11 16:24	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.7	1.1	1		08/25/11 16:24	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.7	0.67	1		08/25/11 16:24	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.7	0.89	1		08/25/11 16:24	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	7.7	0.77	1		08/25/11 16:24	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.7	0.54	1		08/25/11 16:24	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	96 %		72-129		1		08/25/11 16:24	1868-53-7	
Toluene-d8 (S)	107 %		69-133		1		08/25/11 16:24	2037-26-5	
4-Bromofluorobenzene (S)	111 %		67-142		1		08/25/11 16:24	460-00-4	
1,2-Dichloroethane-d4 (S)	122 %		67-136		1		08/25/11 16:24	17060-07-0	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258906

Sample: SUP_SD_9 **Lab ID: 258906009** Collected: 08/18/11 13:00 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	54.6	%	0.10	0.10	1		08/19/11 19:18		

Sample: SUP_SD_DUP **Lab ID: 258906010** Collected: 08/18/11 15:30 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546									
Diesel Range SG	106	mg/kg	57.3	28.6	1	08/22/11 12:20	08/22/11 18:07		
Motor Oil Range SG	221J	mg/kg	229	115	1	08/22/11 12:20	08/22/11 18:07	64742-65-0	
Surrogates									
n-Octacosane (S) SG	136	%	50-150		1	08/22/11 12:20	08/22/11 18:07	630-02-4	
o-Terphenyl (S) SG	117	%	50-150		1	08/22/11 12:20	08/22/11 18:07	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	141	mg/kg	6.5	0.96	1	08/26/11 10:04	08/29/11 16:20	7440-38-2	
Cadmium	0.66J	mg/kg	3.2	0.035	1	08/26/11 10:04	08/29/11 16:20	7440-43-9	
Lead	30.5	mg/kg	3.2	0.20	1	08/26/11 10:04	08/29/11 16:20	7439-92-1	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.035J	mg/kg	0.26	0.0055	1	08/24/11 15:43	08/25/11 14:26	7439-97-6	
8270 MSSV PAH by SIM Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	252	ug/kg	47.5	8.3	1	09/01/11 09:30	09/02/11 03:20	83-32-9	
Acenaphthylene	ND	ug/kg	47.5	8.2	1	09/01/11 09:30	09/02/11 03:20	208-96-8	
Anthracene	132	ug/kg	47.5	7.8	1	09/01/11 09:30	09/02/11 03:20	120-12-7	
Benzo(a)anthracene	127	ug/kg	47.5	7.2	1	09/01/11 09:30	09/02/11 03:20	56-55-3	
Benzo(a)pyrene	59.5	ug/kg	47.5	8.9	1	09/01/11 09:30	09/02/11 03:20	50-32-8	
Benzo(b)fluoranthene	124	ug/kg	47.5	7.7	1	09/01/11 09:30	09/02/11 03:20	205-99-2	
Benzo(g,h,i)perylene	51.4	ug/kg	47.5	6.4	1	09/01/11 09:30	09/02/11 03:20	191-24-2	
Benzo(k)fluoranthene	37.0J	ug/kg	47.5	7.8	1	09/01/11 09:30	09/02/11 03:20	207-08-9	
Chrysene	217	ug/kg	47.5	8.7	1	09/01/11 09:30	09/02/11 03:20	218-01-9	
Dibenz(a,h)anthracene	12.8J	ug/kg	47.5	6.0	1	09/01/11 09:30	09/02/11 03:20	53-70-3	
Fluoranthene	623	ug/kg	47.5	8.2	1	09/01/11 09:30	09/02/11 03:20	206-44-0	
Fluorene	163	ug/kg	47.5	10	1	09/01/11 09:30	09/02/11 03:20	86-73-7	
Indeno(1,2,3-cd)pyrene	45.4J	ug/kg	47.5	6.1	1	09/01/11 09:30	09/02/11 03:20	193-39-5	
1-Methylnaphthalene	64.5	ug/kg	47.5	8.5	1	09/01/11 09:30	09/02/11 03:20	90-12-0	
2-Methylnaphthalene	94.4	ug/kg	47.5	8.5	1	09/01/11 09:30	09/02/11 03:20	91-57-6	
Naphthalene	102	ug/kg	47.5	18.8	1	09/01/11 09:30	09/02/11 03:20	91-20-3	
Phenanthrene	552	ug/kg	47.5	8.0	1	09/01/11 09:30	09/02/11 03:20	85-01-8	
Pyrene	540	ug/kg	47.5	8.0	1	09/01/11 09:30	09/02/11 03:20	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	48	%	31-131		1	09/01/11 09:30	09/02/11 03:20	321-60-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SD_DUP Lab ID: 258906010 Collected: 08/18/11 15:30 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Surrogates									
Terphenyl-d14 (S)	44 %		30-133		1	09/01/11 09:30	09/02/11 03:20	1718-51-0	
8270 MSSV Semivolatiles		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	1140	362	1	08/22/11 21:30	08/24/11 02:31	87-86-5	
Surrogates									
2,4,6-Tribromophenol (S)	82 %		26-135		1	08/22/11 21:30	08/24/11 02:31	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	15.2	0.74	1		08/25/11 13:39	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	15.2	0.93	1		08/25/11 13:39	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	15.2	1.4	1		08/25/11 13:39	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	15.2	1.4	1		08/25/11 13:39	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	15.2	2.0	1		08/25/11 13:39	76-13-1	
1,1-Dichloroethane	ND	ug/kg	15.2	1.2	1		08/25/11 13:39	75-34-3	
1,1-Dichloroethene	ND	ug/kg	15.2	1.9	1		08/25/11 13:39	75-35-4	
1,1-Dichloropropene	ND	ug/kg	15.2	1.8	1		08/25/11 13:39	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	15.2	1.4	1		08/25/11 13:39	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	15.2	1.7	1		08/25/11 13:39	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	15.2	1.2	1		08/25/11 13:39	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	15.2	2.6	1		08/25/11 13:39	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.4	2.0	1		08/25/11 13:39	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	15.2	1.1	1		08/25/11 13:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	15.2	1.2	1		08/25/11 13:39	95-50-1	
1,2-Dichloroethane	ND	ug/kg	15.2	1.1	1		08/25/11 13:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	30.4	1.9	1		08/25/11 13:39	540-59-0	
1,2-Dichloropropane	ND	ug/kg	15.2	0.92	1		08/25/11 13:39	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	15.2	1.6	1		08/25/11 13:39	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	15.2	0.96	1		08/25/11 13:39	541-73-1	
1,3-Dichloropropane	ND	ug/kg	15.2	1.4	1		08/25/11 13:39	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	15.2	1.2	1		08/25/11 13:39	106-46-7	
2,2-Dichloropropane	ND	ug/kg	15.2	0.95	1		08/25/11 13:39	594-20-7	
2-Butanone (MEK)	ND	ug/kg	50.7	7.7	1		08/25/11 13:39	78-93-3	
2-Chlorotoluene	ND	ug/kg	15.2	1.6	1		08/25/11 13:39	95-49-8	
2-Hexanone	ND	ug/kg	50.7	1.8	1		08/25/11 13:39	591-78-6	
4-Chlorotoluene	ND	ug/kg	15.2	1.3	1		08/25/11 13:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.7	1.5	1		08/25/11 13:39	108-10-1	
Acetone	49.0J	ug/kg	50.7	5.6	1		08/25/11 13:39	67-64-1	
Benzene	ND	ug/kg	15.2	0.76	1		08/25/11 13:39	71-43-2	
Bromobenzene	ND	ug/kg	15.2	1.2	1		08/25/11 13:39	108-86-1	
Bromochloromethane	ND	ug/kg	15.2	1.1	1		08/25/11 13:39	74-97-5	
Bromodichloromethane	ND	ug/kg	15.2	0.60	1		08/25/11 13:39	75-27-4	
Bromoform	ND	ug/kg	15.2	1.2	1		08/25/11 13:39	75-25-2	
Bromomethane	ND	ug/kg	15.2	1.6	1		08/25/11 13:39	74-83-9	
Carbon disulfide	ND	ug/kg	15.2	1.4	1		08/25/11 13:39	75-15-0	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SD_DUP Lab ID: 258906010 Collected: 08/18/11 15:30 Received: 08/18/11 16:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/kg	15.2	0.92	1		08/25/11 13:39	56-23-5	
Chlorobenzene	ND	ug/kg	15.2	0.93	1		08/25/11 13:39	108-90-7	
Chloroethane	ND	ug/kg	15.2	1.5	1		08/25/11 13:39	75-00-3	
Chloroform	ND	ug/kg	15.2	0.99	1		08/25/11 13:39	67-66-3	
Chloromethane	ND	ug/kg	15.2	1.0	1		08/25/11 13:39	74-87-3	
Dibromochloromethane	ND	ug/kg	15.2	0.51	1		08/25/11 13:39	124-48-1	
Dibromomethane	ND	ug/kg	15.2	1.1	1		08/25/11 13:39	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	15.2	2.1	1		08/25/11 13:39	75-71-8	
Ethylbenzene	ND	ug/kg	15.2	1.9	1		08/25/11 13:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.2	1.5	1		08/25/11 13:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	15.2	1.8	1		08/25/11 13:39	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	15.2	1.3	1		08/25/11 13:39	1634-04-4	
Methylene chloride	ND	ug/kg	50.7	13.4	1		08/25/11 13:39	75-09-2	
Naphthalene	ND	ug/kg	15.2	2.8	1		08/25/11 13:39	91-20-3	
Styrene	2.5J	ug/kg	15.2	1.5	1		08/25/11 13:39	100-42-5	
Tetrachloroethene	ND	ug/kg	15.2	1.9	1		08/25/11 13:39	127-18-4	
Toluene	13.9J	ug/kg	15.2	1.6	1		08/25/11 13:39	108-88-3	B
Trichloroethene	ND	ug/kg	15.2	1.1	1		08/25/11 13:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	15.2	1.2	1		08/25/11 13:39	75-69-4	
Vinyl chloride	ND	ug/kg	15.2	1.4	1		08/25/11 13:39	75-01-4	
Xylene (Total)	ND	ug/kg	45.6	3.8	1		08/25/11 13:39	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	15.2	1.1	1		08/25/11 13:39	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	15.2	0.66	1		08/25/11 13:39	10061-01-5	
m&p-Xylene	ND	ug/kg	30.4	3.8	1		08/25/11 13:39	179601-23-1	
n-Butylbenzene	ND	ug/kg	15.2	2.3	1		08/25/11 13:39	104-51-8	
n-Propylbenzene	ND	ug/kg	15.2	1.8	1		08/25/11 13:39	103-65-1	
o-Xylene	ND	ug/kg	15.2	1.7	1		08/25/11 13:39	95-47-6	
p-Isopropyltoluene	ND	ug/kg	15.2	2.0	1		08/25/11 13:39	99-87-6	
sec-Butylbenzene	ND	ug/kg	15.2	2.1	1		08/25/11 13:39	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	15.2	1.3	1		08/25/11 13:39	994-05-8	
tert-Butylbenzene	ND	ug/kg	15.2	1.7	1		08/25/11 13:39	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	15.2	1.5	1		08/25/11 13:39	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	15.2	1.1	1		08/25/11 13:39	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	88 %		72-129		1		08/25/11 13:39	1868-53-7	
Toluene-d8 (S)	106 %		69-133		1		08/25/11 13:39	2037-26-5	
4-Bromofluorobenzene (S)	106 %		67-142		1		08/25/11 13:39	460-00-4	
1,2-Dichloroethane-d4 (S)	108 %		67-136		1		08/25/11 13:39	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	73.3 %	0.10	0.10	1	08/19/11 19:19
------------------	--------	------	------	---	----------------

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SW_2		Lab ID: 258906011		Collected: 08/18/11 13:30		Received: 08/18/11 16:30		Matrix: Water	
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	0.13 mg/L		0.010	0.0022	1	08/29/11 10:38	08/30/11 16:06	7440-38-2	
Cadmium	0.00085J mg/L		0.0050	0.00042	1	08/29/11 10:38	08/30/11 16:06	7440-43-9	
Lead	0.0049J mg/L		0.010	0.0019	1	08/29/11 10:38	08/30/11 16:06	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic, Dissolved	0.058 mg/L		0.020	0.0022	1	08/22/11 11:36	08/23/11 11:14	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	08/22/11 11:36	08/23/11 11:14	7440-43-9	
Lead, Dissolved	0.0020J mg/L		0.010	0.0019	1	08/22/11 11:36	08/23/11 11:14	7439-92-1	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.15	1		08/26/11 10:59	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.20	1		08/26/11 10:59	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.22	1		08/26/11 10:59	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.19	1		08/26/11 10:59	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.23	1		08/26/11 10:59	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.12	1		08/26/11 10:59	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.094	1		08/26/11 10:59	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.11	1		08/26/11 10:59	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.37	1		08/26/11 10:59	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.15	1		08/26/11 10:59	120-82-1	
1,2,4-Trimethylbenzene	0.13J ug/L		1.0	0.086	1		08/26/11 10:59	95-63-6	B
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.79	1		08/26/11 10:59	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.20	1		08/26/11 10:59	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.25	1		08/26/11 10:59	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.074	1		08/26/11 10:59	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.50	1		08/26/11 10:59	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.16	1		08/26/11 10:59	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.16	1		08/26/11 10:59	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.16	1		08/26/11 10:59	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.22	1		08/26/11 10:59	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.20	1		08/26/11 10:59	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.27	1		08/26/11 10:59	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.6	1		08/26/11 10:59	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.098	1		08/26/11 10:59	95-49-8	
2-Hexanone	ND ug/L		5.0	0.57	1		08/26/11 10:59	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.13	1		08/26/11 10:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	0.32	1		08/26/11 10:59	108-10-1	
Acetone	3.0J ug/L		5.0	0.75	1		08/26/11 10:59	67-64-1	B
Benzene	ND ug/L		1.0	0.12	1		08/26/11 10:59	71-43-2	
Bromobenzene	ND ug/L		1.0	0.16	1		08/26/11 10:59	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.34	1		08/26/11 10:59	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.11	1		08/26/11 10:59	75-27-4	
Bromoform	ND ug/L		1.0	0.23	1		08/26/11 10:59	75-25-2	
Bromomethane	0.49J ug/L		1.0	0.072	1		08/26/11 10:59	74-83-9	
Carbon disulfide	0.17J ug/L		1.0	0.16	1		08/26/11 10:59	75-15-0	B
Carbon tetrachloride	ND ug/L		1.0	0.25	1		08/26/11 10:59	56-23-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 258906

Sample: SUP_SW_2									
Lab ID: 258906011									
Collected: 08/18/11 13:30									
Received: 08/18/11 16:30									
Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Chlorobenzene	ND	ug/L	1.0	0.12	1		08/26/11 10:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		08/26/11 10:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		08/26/11 10:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.20	1		08/26/11 10:59	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.12	1		08/26/11 10:59	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.18	1		08/26/11 10:59	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.19	1		08/26/11 10:59	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.20	1		08/26/11 10:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.27	1		08/26/11 10:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.11	1		08/26/11 10:59	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		08/26/11 10:59	1634-04-4	
Methylene chloride	0.31J	ug/L	5.0	0.26	1		08/26/11 10:59	75-09-2	B
Naphthalene	ND	ug/L	1.0	0.10	1		08/26/11 10:59	91-20-3	
Styrene	ND	ug/L	1.0	0.074	1		08/26/11 10:59	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		08/26/11 10:59	127-18-4	
Toluene	0.22J	ug/L	1.0	0.21	1		08/26/11 10:59	108-88-3	B
Trichloroethene	ND	ug/L	1.0	0.060	1		08/26/11 10:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.24	1		08/26/11 10:59	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.050	1		08/26/11 10:59	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.42	1		08/26/11 10:59	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.32	1		08/26/11 10:59	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.086	1		08/26/11 10:59	10061-01-5	
m&p-Xylene	0.33J	ug/L	2.0	0.27	1		08/26/11 10:59	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.10	1		08/26/11 10:59	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.16	1		08/26/11 10:59	103-65-1	
o-Xylene	ND	ug/L	1.0	0.15	1		08/26/11 10:59	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.074	1		08/26/11 10:59	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		08/26/11 10:59	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.11	1		08/26/11 10:59	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.22	1		08/26/11 10:59	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.16	1		08/26/11 10:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	116 %		79-121		1		08/26/11 10:59	460-00-4	
Dibromofluoromethane (S)	99 %		81-119		1		08/26/11 10:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	109 %		72-127		1		08/26/11 10:59	17060-07-0	
Toluene-d8 (S)	105 %		77-120		1		08/26/11 10:59	2037-26-5	

Sample: Trip Blank									
Lab ID: 258906012									
Collected: 08/18/11 13:30									
Received: 08/18/11 16:30									
Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/26/11 10:42	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.20	1		08/26/11 10:42	71-55-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258906

Sample: Trip Blank									
Lab ID: 258906012									
Collected: 08/18/11 13:30									
Received: 08/18/11 16:30									
Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		08/26/11 10:42	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.19	1		08/26/11 10:42	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.23	1		08/26/11 10:42	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.12	1		08/26/11 10:42	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.094	1		08/26/11 10:42	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.11	1		08/26/11 10:42	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.37	1		08/26/11 10:42	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.15	1		08/26/11 10:42	120-82-1	
1,2,4-Trimethylbenzene	0.11J	ug/L	1.0	0.086	1		08/26/11 10:42	95-63-6	B
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.79	1		08/26/11 10:42	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/26/11 10:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.25	1		08/26/11 10:42	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.074	1		08/26/11 10:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.50	1		08/26/11 10:42	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/26/11 10:42	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.16	1		08/26/11 10:42	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.16	1		08/26/11 10:42	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.22	1		08/26/11 10:42	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.20	1		08/26/11 10:42	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/26/11 10:42	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.6	1		08/26/11 10:42	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.098	1		08/26/11 10:42	95-49-8	
2-Hexanone	ND	ug/L	5.0	0.57	1		08/26/11 10:42	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.13	1		08/26/11 10:42	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.32	1		08/26/11 10:42	108-10-1	
Acetone	1.5J	ug/L	5.0	0.75	1		08/26/11 10:42	67-64-1	B
Benzene	ND	ug/L	1.0	0.12	1		08/26/11 10:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.16	1		08/26/11 10:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		08/26/11 10:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		08/26/11 10:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.23	1		08/26/11 10:42	75-25-2	
Bromomethane	0.24J	ug/L	1.0	0.072	1		08/26/11 10:42	74-83-9	
Carbon disulfide	0.16J	ug/L	1.0	0.16	1		08/26/11 10:42	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/26/11 10:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.12	1		08/26/11 10:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		08/26/11 10:42	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		08/26/11 10:42	67-66-3	
Chloromethane	0.37J	ug/L	1.0	0.20	1		08/26/11 10:42	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.12	1		08/26/11 10:42	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.18	1		08/26/11 10:42	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.19	1		08/26/11 10:42	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.20	1		08/26/11 10:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.27	1		08/26/11 10:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.11	1		08/26/11 10:42	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		08/26/11 10:42	1634-04-4	
Methylene chloride	2.1J	ug/L	5.0	0.26	1		08/26/11 10:42	75-09-2	B

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 258906

Sample: Trip Blank **Lab ID: 258906012** Collected: 08/18/11 13:30 Received: 08/18/11 16:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Naphthalene	ND	ug/L	1.0	0.10	1		08/26/11 10:42	91-20-3	
Styrene	ND	ug/L	1.0	0.074	1		08/26/11 10:42	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		08/26/11 10:42	127-18-4	
Toluene	ND	ug/L	1.0	0.21	1		08/26/11 10:42	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.060	1		08/26/11 10:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.24	1		08/26/11 10:42	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.050	1		08/26/11 10:42	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.42	1		08/26/11 10:42	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.32	1		08/26/11 10:42	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.086	1		08/26/11 10:42	10061-01-5	
m&p-Xylene	0.32J	ug/L	2.0	0.27	1		08/26/11 10:42	179601-23-1	B
n-Butylbenzene	ND	ug/L	1.0	0.10	1		08/26/11 10:42	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.16	1		08/26/11 10:42	103-65-1	
o-Xylene	ND	ug/L	1.0	0.15	1		08/26/11 10:42	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.074	1		08/26/11 10:42	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		08/26/11 10:42	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.11	1		08/26/11 10:42	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.22	1		08/26/11 10:42	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.16	1		08/26/11 10:42	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	115	%	79-121		1		08/26/11 10:42	460-00-4	
Dibromofluoromethane (S)	101	%	81-119		1		08/26/11 10:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	72-127		1		08/26/11 10:42	17060-07-0	
Toluene-d8 (S)	107	%	77-120		1		08/26/11 10:42	2037-26-5	
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	14.0J	ug/L	50.0	4.2	1		08/26/11 10:42		
Surrogates									
4-Bromofluorobenzene (S)	115	%	50-150		1		08/26/11 10:42	460-00-4	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

QC Batch: GCV/2412 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
Associated Lab Samples: 258906006

METHOD BLANK: 82812 Matrix: Solid
Associated Lab Samples: 258906006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	0.76J	5.0	08/20/11 15:03	
4-Bromofluorobenzene (S)	%	76	50-150	08/20/11 15:03	
a,a,a-Trifluorotoluene (S)	%	109	50-150	08/20/11 15:03	

LABORATORY CONTROL SAMPLE: 82813

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	10.3	82	63-140	
4-Bromofluorobenzene (S)	%			78	50-150	
a,a,a-Trifluorotoluene (S)	%			104	50-150	

SAMPLE DUPLICATE: 83039

Parameter	Units	258922003 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	0.63J		30	
4-Bromofluorobenzene (S)	%	82	81	1		
a,a,a-Trifluorotoluene (S)	%	113	112	.9		

SAMPLE DUPLICATE: 83040

Parameter	Units	258918002 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	8.6	10.5	19	30	
4-Bromofluorobenzene (S)	%	89	90	1		
a,a,a-Trifluorotoluene (S)	%	110	111	1		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

QC Batch: MERP/1506 Analysis Method: EPA 7471
 QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
 Associated Lab Samples: 258906007, 258906008, 258906009, 258906010

METHOD BLANK: 83206 Matrix: Solid

Associated Lab Samples: 258906007, 258906008, 258906009, 258906010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	08/25/11 14:02	

LABORATORY CONTROL SAMPLE: 83207

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.49	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83208 83209

Parameter	Units	258850001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
Mercury	mg/kg	ND	.39	.39	0.40	0.41	97	100	80-120	3	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

QC Batch: MPRP/2437 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 258906007, 258906008, 258906009, 258906010

METHOD BLANK: 83648 Matrix: Solid
Associated Lab Samples: 258906007, 258906008, 258906009, 258906010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/29/11 14:33	
Cadmium	mg/kg	ND	1.0	08/29/11 14:33	
Lead	mg/kg	ND	1.0	08/29/11 14:33	

LABORATORY CONTROL SAMPLE: 83649

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.3	97	80-120	
Cadmium	mg/kg	25	25.0	100	80-120	
Lead	mg/kg	25	24.7	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83650 83651

Parameter	Units	258899001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	ND	24.6	24.8	ND	ND	5	15	75-125		20	M1
Cadmium	mg/kg	ND	24.6	24.8	21.5	21.5	87	86	75-125	.02	20	
Lead	mg/kg	ND	24.6	24.8	27.2	28.9	97	103	75-125	6	20	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

QC Batch: MPRP/2442 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET
 Associated Lab Samples: 258906011

METHOD BLANK: 83902 Matrix: Water

Associated Lab Samples: 258906011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	08/30/11 15:44	
Cadmium	mg/L	ND	0.0050	08/30/11 15:44	
Lead	mg/L	ND	0.010	08/30/11 15:44	

LABORATORY CONTROL SAMPLE: 83903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.46	92	80-120	
Cadmium	mg/L	.5	0.48	96	80-120	
Lead	mg/L	.5	0.49	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83904 83905

Parameter	Units	258906011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	0.13	.5	.5	0.61	0.62	97	98	75-125	.7	20	
Cadmium	mg/L	0.00085 J	.5	.5	0.49	0.50	98	100	75-125	1	20	
Lead	mg/L	0.0049J	.5	.5	0.53	0.51	104	100	75-125	4	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

QC Batch: MPRP/2421 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 258906011

METHOD BLANK: 82866 Matrix: Water
Associated Lab Samples: 258906011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.020	08/23/11 10:11	
Cadmium, Dissolved	mg/L	ND	0.0050	08/23/11 10:11	
Lead, Dissolved	mg/L	ND	0.010	08/23/11 10:11	

LABORATORY CONTROL SAMPLE: 82867

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.50	99	80-120	
Cadmium, Dissolved	mg/L	.5	0.48	97	80-120	
Lead, Dissolved	mg/L	.5	0.51	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82868 82869

Parameter	Units	258863003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Arsenic, Dissolved	mg/L	ND	.5	.5	0.51	0.49	103	97	75-125	5	20	
Cadmium, Dissolved	mg/L	ND	.5	.5	0.50	0.48	99	97	75-125	3	20	
Lead, Dissolved	mg/L	ND	.5	.5	0.53	0.50	106	100	75-125	6	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

QC Batch: MSV/5227 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 258906011, 258906012

METHOD BLANK: 83631 Matrix: Water
Associated Lab Samples: 258906011, 258906012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	08/26/11 09:50	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/26/11 09:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/26/11 09:50	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/26/11 09:50	
1,1-Dichloroethane	ug/L	ND	1.0	08/26/11 09:50	
1,1-Dichloroethene	ug/L	ND	1.0	08/26/11 09:50	
1,1-Dichloropropene	ug/L	ND	1.0	08/26/11 09:50	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	08/26/11 09:50	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/26/11 09:50	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/26/11 09:50	
1,2,4-Trimethylbenzene	ug/L	0.18J	1.0	08/26/11 09:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	08/26/11 09:50	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	08/26/11 09:50	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/26/11 09:50	
1,2-Dichloroethane	ug/L	ND	1.0	08/26/11 09:50	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	08/26/11 09:50	
1,2-Dichloropropane	ug/L	ND	1.0	08/26/11 09:50	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	08/26/11 09:50	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/26/11 09:50	
1,3-Dichloropropane	ug/L	ND	1.0	08/26/11 09:50	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/26/11 09:50	
2,2-Dichloropropane	ug/L	ND	1.0	08/26/11 09:50	
2-Butanone (MEK)	ug/L	ND	5.0	08/26/11 09:50	
2-Chlorotoluene	ug/L	ND	1.0	08/26/11 09:50	
2-Hexanone	ug/L	ND	5.0	08/26/11 09:50	
4-Chlorotoluene	ug/L	ND	1.0	08/26/11 09:50	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	08/26/11 09:50	
Acetone	ug/L	0.93J	5.0	08/26/11 09:50	
Benzene	ug/L	ND	1.0	08/26/11 09:50	
Bromobenzene	ug/L	ND	1.0	08/26/11 09:50	
Bromochloromethane	ug/L	ND	1.0	08/26/11 09:50	
Bromodichloromethane	ug/L	ND	1.0	08/26/11 09:50	
Bromoform	ug/L	ND	1.0	08/26/11 09:50	
Bromomethane	ug/L	ND	1.0	08/26/11 09:50	
Carbon disulfide	ug/L	0.19J	1.0	08/26/11 09:50	
Carbon tetrachloride	ug/L	ND	1.0	08/26/11 09:50	
Chlorobenzene	ug/L	ND	1.0	08/26/11 09:50	
Chloroethane	ug/L	ND	1.0	08/26/11 09:50	
Chloroform	ug/L	ND	1.0	08/26/11 09:50	
Chloromethane	ug/L	ND	1.0	08/26/11 09:50	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/26/11 09:50	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/26/11 09:50	
Dibromochloromethane	ug/L	ND	1.0	08/26/11 09:50	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

METHOD BLANK: 83631

Matrix: Water

Associated Lab Samples: 258906011, 258906012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	08/26/11 09:50	
Dichlorodifluoromethane	ug/L	ND	1.0	08/26/11 09:50	
Ethylbenzene	ug/L	ND	1.0	08/26/11 09:50	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	08/26/11 09:50	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	08/26/11 09:50	
m&p-Xylene	ug/L	0.43J	2.0	08/26/11 09:50	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/26/11 09:50	
Methylene chloride	ug/L	1.4J	5.0	08/26/11 09:50	
n-Butylbenzene	ug/L	0.11J	1.0	08/26/11 09:50	
n-Propylbenzene	ug/L	ND	1.0	08/26/11 09:50	
Naphthalene	ug/L	0.15J	1.0	08/26/11 09:50	
o-Xylene	ug/L	ND	1.0	08/26/11 09:50	
p-Isopropyltoluene	ug/L	ND	1.0	08/26/11 09:50	
sec-Butylbenzene	ug/L	ND	1.0	08/26/11 09:50	
Styrene	ug/L	ND	1.0	08/26/11 09:50	
tert-Butylbenzene	ug/L	ND	1.0	08/26/11 09:50	
Tetrachloroethene	ug/L	ND	1.0	08/26/11 09:50	
Toluene	ug/L	0.24J	1.0	08/26/11 09:50	
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/26/11 09:50	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/26/11 09:50	
Trichloroethene	ug/L	ND	1.0	08/26/11 09:50	
Trichlorofluoromethane	ug/L	ND	1.0	08/26/11 09:50	
Vinyl chloride	ug/L	ND	0.20	08/26/11 09:50	
Xylene (Total)	ug/L	0.55J	3.0	08/26/11 09:50	
1,2-Dichloroethane-d4 (S)	%	111	72-127	08/26/11 09:50	
4-Bromofluorobenzene (S)	%	113	79-121	08/26/11 09:50	
Dibromofluoromethane (S)	%	101	81-119	08/26/11 09:50	
Toluene-d8 (S)	%	106	77-120	08/26/11 09:50	

LABORATORY CONTROL SAMPLE: 83632

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	17.8	89	70-122	
1,1,1-Trichloroethane	ug/L	20	17.4	87	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	22.7	114	62-133	
1,1,2-Trichloroethane	ug/L	20	19.5	97	68-122	
1,1-Dichloroethane	ug/L	20	19.4	97	70-125	
1,1-Dichloroethene	ug/L	20	18.5	92	69-142	
1,1-Dichloropropene	ug/L	20	17.7	88	67-129	
1,2,3-Trichlorobenzene	ug/L	20	15.8	79	60-132	
1,2,3-Trichloropropane	ug/L	20	19.2	96	65-120	
1,2,4-Trichlorobenzene	ug/L	20	16.4	82	62-127	
1,2,4-Trimethylbenzene	ug/L	20	19.0	95	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	20.9	105	55-118	
1,2-Dibromoethane (EDB)	ug/L	20	18.7	93	65-123	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

LABORATORY CONTROL SAMPLE: 83632

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	17.4	87	71-118	
1,2-Dichloroethane	ug/L	20	19.0	95	63-131	
1,2-Dichloroethene (Total)	ug/L	40	35.9	90	73-134	
1,2-Dichloropropane	ug/L	20	19.4	97	70-125	
1,3,5-Trimethylbenzene	ug/L	20	19.0	95	70-123	
1,3-Dichlorobenzene	ug/L	20	17.3	87	72-119	
1,3-Dichloropropane	ug/L	20	19.6	98	69-122	
1,4-Dichlorobenzene	ug/L	20	17.3	86	70-116	
2,2-Dichloropropane	ug/L	20	17.8	89	52-149	
2-Butanone (MEK)	ug/L	40	30.1	75	45-155	
2-Chlorotoluene	ug/L	20	19.7	98	69-119	
2-Hexanone	ug/L	40	35.5	89	50-151	
4-Chlorotoluene	ug/L	20	18.6	93	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.2	98	61-145	
Acetone	ug/L	40	28.3	71	40-160	
Benzene	ug/L	20	18.6	93	66-123	
Bromobenzene	ug/L	20	17.5	88	68-118	
Bromochloromethane	ug/L	20	15.9	80	72-128	
Bromodichloromethane	ug/L	20	18.8	94	68-129	
Bromoform	ug/L	20	16.7	83	54-118	
Bromomethane	ug/L	20	19.2	96	43-151	
Carbon disulfide	ug/L	20	17.4	87	52-142	
Carbon tetrachloride	ug/L	20	15.2	76	67-135	
Chlorobenzene	ug/L	20	17.5	88	72-116	
Chloroethane	ug/L	20	21.7	108	48-139	
Chloroform	ug/L	20	18.5	92	71-124	
Chloromethane	ug/L	20	14.9	74	40-152	
cis-1,2-Dichloroethene	ug/L	20	17.9	89	74-133	
cis-1,3-Dichloropropene	ug/L	20	18.5	92	64-132	
Dibromochloromethane	ug/L	20	17.4	87	60-121	
Dibromomethane	ug/L	20	18.1	90	69-131	
Dichlorodifluoromethane	ug/L	20	12.0	60	40-160	
Ethylbenzene	ug/L	20	19.1	96	67-122	
Hexachloro-1,3-butadiene	ug/L	20	15.5	77	55-139	
Isopropylbenzene (Cumene)	ug/L	20	17.9	90	67-124	
m&p-Xylene	ug/L	40	36.1	90	66-122	
Methyl-tert-butyl ether	ug/L	20	17.8	89	65-138	
Methylene chloride	ug/L	20	20.5	102	58-137	
n-Butylbenzene	ug/L	20	19.9	99	68-129	
n-Propylbenzene	ug/L	20	20.3	101	66-126	
Naphthalene	ug/L	20	18.1	90	59-133	
o-Xylene	ug/L	20	17.6	88	69-123	
p-Isopropyltoluene	ug/L	20	17.8	89	69-127	
sec-Butylbenzene	ug/L	20	18.7	94	68-129	
Styrene	ug/L	20	20.1	100	72-125	
tert-Butylbenzene	ug/L	20	18.0	90	58-120	
Tetrachloroethene	ug/L	20	16.0	80	40-115	
Toluene	ug/L	20	19.8	99	64-118	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

LABORATORY CONTROL SAMPLE: 83632

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	18.0	90	70-134	
trans-1,3-Dichloropropene	ug/L	20	19.2	96	52-115	
Trichloroethene	ug/L	20	16.9	84	69-125	
Trichlorofluoromethane	ug/L	20	16.2	81	57-155	
Vinyl chloride	ug/L	20	17.2	86	53-132	
Xylene (Total)	ug/L	60	53.6	89	68-122	
1,2-Dichloroethane-d4 (S)	%			108	72-127	
4-Bromofluorobenzene (S)	%			113	79-121	
Dibromofluoromethane (S)	%			100	81-119	
Toluene-d8 (S)	%			106	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83633 83634

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		258848009 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.2	19.0	96	95	67-132	1	22
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	19.8	103	99	67-145	3	22
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.5	23.2	107	116	65-135	8	23
1,1,2-Trichloroethane	ug/L	ND	20	20	19.9	20.9	97	102	67-126	5	22
1,1-Dichloroethane	ug/L	ND	20	20	22.2	21.4	111	107	69-138	4	21
1,1-Dichloroethene	ug/L	ND	20	20	21.7	21.2	109	106	68-160	2	21
1,1-Dichloropropene	ug/L	ND	20	20	21.2	20.8	106	104	68-145	2	22
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.2	17.4	86	87	57-131	.8	30
1,2,3-Trichloropropane	ug/L	ND	20	20	17.8	18.4	89	92	61-123	3	24
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.7	18.6	94	93	58-130	.5	24
1,2,4-Trimethylbenzene	ug/L	49.8	20	20	76.4	68.9	133	95	60-136	10	24
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	26.1	27.6	131	138	48-127	6	25 M1
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	17.8	19.3	88	96	61-127	8	25
1,2-Dichlorobenzene	ug/L	ND	20	20	19.2	19.1	96	95	67-126	.5	21
1,2-Dichloroethane	ug/L	ND	20	20	19.6	20.1	97	100	60-138	3	23
1,2-Dichloroethene (Total)	ug/L	ND	40	40	41.7	40.2	104	100	70-146	4	22
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.5	108	108	67-138	.3	22
1,3,5-Trimethylbenzene	ug/L	23.1	20	20	47.5	43.3	122	101	64-135	9	25
1,3-Dichlorobenzene	ug/L	ND	20	20	20.2	19.4	101	97	69-128	4	21
1,3-Dichloropropane	ug/L	ND	20	20	19.1	20.0	96	100	65-128	5	22
1,4-Dichlorobenzene	ug/L	ND	20	20	19.8	19.2	99	96	66-124	3	28
2,2-Dichloropropane	ug/L	ND	20	20	21.7	20.9	108	104	46-160	4	24
2-Butanone (MEK)	ug/L	ND	40	40	22.8	27.0	56	67	40-140	17	25
2-Chlorotoluene	ug/L	ND	20	20	23.3	22.3	116	111	67-129	4	20
2-Hexanone	ug/L	ND	40	40	33.1	38.2	83	96	42-141	14	27
4-Chlorotoluene	ug/L	ND	20	20	21.9	21.0	109	105	67-133	4	20
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	34.4	40.2	85	100	54-151	16	27
Acetone	ug/L	ND	40	40	21.5	23.7	47	52	40-155	10	30
Benzene	ug/L	1.8	20	20	23.2	22.5	107	103	63-138	3	24
Bromobenzene	ug/L	ND	20	20	19.4	18.8	97	94	64-127	3	21
Bromochloromethane	ug/L	ND	20	20	16.3	16.9	82	85	66-136	4	22
Bromodichloromethane	ug/L	ND	20	20	20.3	20.1	100	99	65-138	.7	23

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 34 of 54

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83633 83634												
Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		258848009 Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Bromoform	ug/L	ND	20	20	15.2	16.5	76	82	51-119	8	23	
Bromomethane	ug/L	ND	20	20	23.0	23.9	115	119	40-158	4	26	
Carbon disulfide	ug/L	ND	20	20	22.1	21.4	108	105	56-158	3	23	
Carbon tetrachloride	ug/L	ND	20	20	18.7	18.2	94	91	66-152	3	22	
Chlorobenzene	ug/L	ND	20	20	19.6	19.3	98	97	68-128	2	27	
Chloroethane	ug/L	ND	20	20	27.1	28.4	135	142	49-154	5	25	
Chloroform	ug/L	ND	20	20	20.9	20.5	104	102	69-137	2	21	
Chloromethane	ug/L	ND	20	20	16.1	17.4	80	87	40-160	8	25	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.4	19.7	102	98	69-147	4	21	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.7	20.0	99	100	60-141	2	23	
Dibromochloromethane	ug/L	ND	20	20	17.3	17.9	87	90	56-125	3	23	
Dibromomethane	ug/L	ND	20	20	17.7	18.6	88	93	63-137	5	23	
Dichlorodifluoromethane	ug/L	ND	20	20	14.8	15.2	74	76	40-160	3	24	
Ethylbenzene	ug/L	32.2	20	20	60.1	57.2	140	125	65-135	5	25	M1
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	18.8	102	94	50-149	9	19	
Isopropylbenzene (Cumene)	ug/L	7.6	20	20	29.7	28.2	111	103	64-137	5	27	
m&p-Xylene	ug/L	15.1	40	40	58.2	55.9	108	102	63-134	4	25	
Methyl-tert-butyl ether	ug/L	2.0	20	20	18.8	20.6	84	93	59-143	9	26	
Methylene chloride	ug/L	ND	20	20	20.8	20.3	101	98	52-133	2	23	
n-Butylbenzene	ug/L	7.4	20	20	33.8	31.3	132	119	65-143	8	20	
n-Propylbenzene	ug/L	21.7	20	20	49.6	46.4	139	123	64-141	7	25	
Naphthalene	ug/L	42.7	20	20	58.6	61.5	80	94	48-141	5	29	
o-Xylene	ug/L	ND	20	20	21.0	20.4	102	99	68-131	3	23	
p-Isopropyltoluene	ug/L	ND	20	20	23.2	21.6	113	105	69-137	7	21	
sec-Butylbenzene	ug/L	2.5	20	20	26.2	24.5	118	110	69-139	6	20	
Styrene	ug/L	ND	20	20	22.7	22.4	113	111	67-135	1	23	
tert-Butylbenzene	ug/L	ND	20	20	22.0	20.8	109	103	61-129	6	21	
Tetrachloroethene	ug/L	ND	20	20	19.6	18.6	98	93	40-122	5	21	
Toluene	ug/L	ND	20	20	23.1	22.3	113	109	64-128	3	24	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.3	20.5	107	102	66-150	4	21	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.2	20.1	96	100	51-116	5	23	
Trichloroethene	ug/L	ND	20	20	19.8	19.0	99	95	68-135	4	21	
Trichlorofluoromethane	ug/L	ND	20	20	19.2	19.6	96	98	54-160	2	23	
Vinyl chloride	ug/L	ND	20	20	19.7	20.6	98	103	45-155	5	22	
Xylene (Total)	ug/L	15.6	60	60	79.3	76.4	106	101	65-133	4	25	
1,2-Dichloroethane-d4 (S)	%						102	106	72-127			
4-Bromofluorobenzene (S)	%						117	114	79-121			
Dibromofluoromethane (S)	%						98	100	81-119			
Toluene-d8 (S)	%						105	106	77-120			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

QC Batch: MSV/5191

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 258906006, 258906007

METHOD BLANK: 82810

Matrix: Solid

Associated Lab Samples: 258906006, 258906007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/22/11 14:35	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/22/11 14:35	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/22/11 14:35	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/22/11 14:35	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/22/11 14:35	
1,1-Dichloroethane	ug/kg	ND	3.0	08/22/11 14:35	
1,1-Dichloroethene	ug/kg	ND	3.0	08/22/11 14:35	
1,1-Dichloropropene	ug/kg	ND	3.0	08/22/11 14:35	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/22/11 14:35	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/22/11 14:35	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	08/22/11 14:35	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/22/11 14:35	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/22/11 14:35	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/22/11 14:35	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/22/11 14:35	
1,2-Dichloroethane	ug/kg	ND	3.0	08/22/11 14:35	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/22/11 14:35	
1,2-Dichloropropane	ug/kg	ND	3.0	08/22/11 14:35	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/22/11 14:35	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/22/11 14:35	
1,3-Dichloropropane	ug/kg	ND	3.0	08/22/11 14:35	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/22/11 14:35	
2,2-Dichloropropane	ug/kg	ND	3.0	08/22/11 14:35	
2-Butanone (MEK)	ug/kg	ND	10.0	08/22/11 14:35	
2-Chlorotoluene	ug/kg	ND	3.0	08/22/11 14:35	
2-Hexanone	ug/kg	ND	10.0	08/22/11 14:35	
4-Chlorotoluene	ug/kg	ND	3.0	08/22/11 14:35	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/22/11 14:35	
Acetone	ug/kg	ND	10.0	08/22/11 14:35	
Benzene	ug/kg	ND	3.0	08/22/11 14:35	
Bromobenzene	ug/kg	ND	3.0	08/22/11 14:35	
Bromochloromethane	ug/kg	ND	3.0	08/22/11 14:35	
Bromodichloromethane	ug/kg	ND	3.0	08/22/11 14:35	
Bromoform	ug/kg	ND	3.0	08/22/11 14:35	
Bromomethane	ug/kg	ND	3.0	08/22/11 14:35	
Carbon disulfide	ug/kg	ND	3.0	08/22/11 14:35	
Carbon tetrachloride	ug/kg	ND	3.0	08/22/11 14:35	
Chlorobenzene	ug/kg	ND	3.0	08/22/11 14:35	
Chloroethane	ug/kg	ND	3.0	08/22/11 14:35	
Chloroform	ug/kg	ND	3.0	08/22/11 14:35	
Chloromethane	ug/kg	0.48J	3.0	08/22/11 14:35	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/22/11 14:35	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/22/11 14:35	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 36 of 54

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

METHOD BLANK: 82810

Matrix: Solid

Associated Lab Samples: 258906006, 258906007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/22/11 14:35	
Dibromomethane	ug/kg	ND	3.0	08/22/11 14:35	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/22/11 14:35	
Ethylbenzene	ug/kg	ND	3.0	08/22/11 14:35	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/22/11 14:35	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/22/11 14:35	
m&p-Xylene	ug/kg	0.77J	6.0	08/22/11 14:35	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/22/11 14:35	
Methylene chloride	ug/kg	ND	10.0	08/22/11 14:35	
n-Butylbenzene	ug/kg	ND	3.0	08/22/11 14:35	
n-Propylbenzene	ug/kg	ND	3.0	08/22/11 14:35	
Naphthalene	ug/kg	0.83J	3.0	08/22/11 14:35	
o-Xylene	ug/kg	0.46J	3.0	08/22/11 14:35	
p-Isopropyltoluene	ug/kg	ND	3.0	08/22/11 14:35	
sec-Butylbenzene	ug/kg	ND	3.0	08/22/11 14:35	
Styrene	ug/kg	ND	3.0	08/22/11 14:35	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/22/11 14:35	
tert-Butylbenzene	ug/kg	ND	3.0	08/22/11 14:35	
Tetrachloroethene	ug/kg	ND	3.0	08/22/11 14:35	
Toluene	ug/kg	ND	3.0	08/22/11 14:35	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/22/11 14:35	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/22/11 14:35	
Trichloroethene	ug/kg	ND	3.0	08/22/11 14:35	
Trichlorofluoromethane	ug/kg	ND	3.0	08/22/11 14:35	
Vinyl chloride	ug/kg	ND	3.0	08/22/11 14:35	
Xylene (Total)	ug/kg	1.2J	9.0	08/22/11 14:35	
1,2-Dichloroethane-d4 (S)	%	103	67-136	08/22/11 14:35	
4-Bromofluorobenzene (S)	%	113	67-142	08/22/11 14:35	
Dibromofluoromethane (S)	%	99	72-129	08/22/11 14:35	
Toluene-d8 (S)	%	96	69-133	08/22/11 14:35	

LABORATORY CONTROL SAMPLE: 82811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.6	105	68-127	
1,1,1-Trichloroethane	ug/kg	50	54.7	109	69-139	
1,1,2,2-Tetrachloroethane	ug/kg	50	50.5	101	63-137	
1,1,2-Trichloroethane	ug/kg	50	53.4	107	65-131	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	48.2	96	64-153	
1,1-Dichloroethane	ug/kg	50	56.6	113	69-133	
1,1-Dichloroethene	ug/kg	50	54.4	109	68-157	
1,1-Dichloropropene	ug/kg	50	57.9	116	68-140	
1,2,3-Trichlorobenzene	ug/kg	50	48.6	97	69-132	
1,2,3-Trichloropropane	ug/kg	50	49.4	99	71-124	
1,2,4-Trichlorobenzene	ug/kg	50	49.8	100	68-137	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

LABORATORY CONTROL SAMPLE: 82811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	52.8	106	74-124	
1,2-Dibromo-3-chloropropane	ug/kg	50	48.2	96	52-133	
1,2-Dibromoethane (EDB)	ug/kg	50	51.4	103	66-129	
1,2-Dichlorobenzene	ug/kg	50	49.6	99	78-122	
1,2-Dichloroethane	ug/kg	50	56.5	113	67-131	
1,2-Dichloroethene (Total)	ug/kg	100	110	110	73-143	
1,2-Dichloropropane	ug/kg	50	58.4	117	67-133	
1,3,5-Trimethylbenzene	ug/kg	50	53.1	106	78-124	
1,3-Dichlorobenzene	ug/kg	50	51.0	102	79-122	
1,3-Dichloropropane	ug/kg	50	52.6	105	62-131	
1,4-Dichlorobenzene	ug/kg	50	50.4	101	77-119	
2,2-Dichloropropane	ug/kg	50	54.4	109	66-143	
2-Butanone (MEK)	ug/kg	100	91.0	91	44-160	
2-Chlorotoluene	ug/kg	50	50.5	101	75-123	
2-Hexanone	ug/kg	100	99.0	99	40-160	
4-Chlorotoluene	ug/kg	50	55.0	110	78-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	108	108	46-156	
Acetone	ug/kg	100	71.4	71	40-160	
Benzene	ug/kg	50	55.2	110	69-133	
Bromobenzene	ug/kg	50	51.2	102	81-122	
Bromochloromethane	ug/kg	50	54.4	109	77-132	
Bromodichloromethane	ug/kg	50	54.9	110	75-132	
Bromoform	ug/kg	50	53.1	106	58-128	
Bromomethane	ug/kg	50	69.0	138	46-160	
Carbon disulfide	ug/kg	50	52.8	106	56-143	
Carbon tetrachloride	ug/kg	50	54.8	110	65-146	
Chlorobenzene	ug/kg	50	51.7	103	76-123	
Chloroethane	ug/kg	50	65.4	131	51-146	
Chloroform	ug/kg	50	54.6	109	73-132	
Chloromethane	ug/kg	50	70.1	140	40-142	
cis-1,2-Dichloroethene	ug/kg	50	55.2	110	75-142	
cis-1,3-Dichloropropene	ug/kg	50	56.5	113	62-150	
Dibromochloromethane	ug/kg	50	52.4	105	70-126	
Dibromomethane	ug/kg	50	57.6	115	75-132	
Dichlorodifluoromethane	ug/kg	50	85.6	171	40-160 L3	
Ethylbenzene	ug/kg	50	51.8	104	68-126	
Hexachloro-1,3-butadiene	ug/kg	50	47.3	95	65-144	
Isopropylbenzene (Cumene)	ug/kg	50	53.1	106	73-120	
m&p-Xylene	ug/kg	100	106	106	66-128	
Methyl-tert-butyl ether	ug/kg	50	53.8	108	67-134	
Methylene chloride	ug/kg	50	54.6	109	59-149	
n-Butylbenzene	ug/kg	50	53.2	106	72-125	
n-Propylbenzene	ug/kg	50	47.7	95	73-131	
Naphthalene	ug/kg	50	47.4	95	54-147	
o-Xylene	ug/kg	50	53.3	107	70-125	
p-Isopropyltoluene	ug/kg	50	52.5	105	76-127	
sec-Butylbenzene	ug/kg	50	48.3	97	75-134	
Styrene	ug/kg	50	55.8	112	72-124	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

LABORATORY CONTROL SAMPLE: 82811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amylmethyl ether	ug/kg	50	53.0	106	59-145	
tert-Butylbenzene	ug/kg	50	50.7	101	74-130	
Tetrachloroethene	ug/kg	50	51.8	104	57-131	
Toluene	ug/kg	50	52.4	105	68-130	
trans-1,2-Dichloroethene	ug/kg	50	54.5	109	71-146	
trans-1,3-Dichloropropene	ug/kg	50	54.3	109	61-128	
Trichloroethene	ug/kg	50	55.5	111	71-138	
Trichlorofluoromethane	ug/kg	50	58.0	116	50-160	
Vinyl chloride	ug/kg	50	66.0	132	48-141	
Xylene (Total)	ug/kg	150	159	106	68-126	
1,2-Dichloroethane-d4 (S)	%			106	67-136	
4-Bromofluorobenzene (S)	%			106	67-142	
Dibromofluoromethane (S)	%			100	72-129	
Toluene-d8 (S)	%			99	69-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82962 82963

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
		258922003 Result	Spike Conc.	Spike Conc.	Result						RPD	RPD	
1,1,1,2-Tetrachloroethane	ug/kg	ND	45.4	47.6	44.3	46.1	98	97	40-133	4	30		
1,1,1-Trichloroethane	ug/kg	ND	45.4	47.6	43.8	41.9	97	88	40-148	4	30		
1,1,2,2-Tetrachloroethane	ug/kg	ND	45.4	47.6	45.5	46.8	100	98	40-141	3	30		
1,1,2-Trichloroethane	ug/kg	ND	45.4	47.6	46.7	47.4	103	99	40-136	1	30		
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	45.4	47.6	29.9	29.0	66	61	40-153	3	30		
1,1-Dichloroethane	ug/kg	ND	45.4	47.6	48.5	46.9	107	98	40-132	3	30		
1,1-Dichloroethene	ug/kg	ND	45.4	47.6	40.3	38.9	89	82	40-155	4	30		
1,1-Dichloropropene	ug/kg	ND	45.4	47.6	41.4	40.8	91	85	40-130	2	30		
1,2,3-Trichlorobenzene	ug/kg	ND	45.4	47.6	43.1	46.1	95	97	40-130	7	30		
1,2,3-Trichloropropane	ug/kg	ND	45.4	47.6	42.7	42.0	94	88	40-158	1	30		
1,2,4-Trichlorobenzene	ug/kg	ND	45.4	47.6	46.1	49.5	102	104	40-134	7	30		
1,2,4-Trimethylbenzene	ug/kg	ND	45.4	47.6	45.3	47.9	100	100	40-133	6	30		
1,2-Dibromo-3-chloropropane	ug/kg	ND	45.4	47.6	42.8	43.4	94	91	40-127	1	30		
1,2-Dibromoethane (EDB)	ug/kg	ND	45.4	47.6	45.2	45.2	100	95	40-138	.002	30		
1,2-Dichlorobenzene	ug/kg	ND	45.4	47.6	44.8	46.3	99	97	40-136	3	30		
1,2-Dichloroethane	ug/kg	ND	45.4	47.6	51.3	51.5	113	108	40-133	.5	30		
1,2-Dichloroethene (Total)	ug/kg	ND	90.7	95.3	93.4	90.1	103	94	40-141	4	30		
1,2-Dichloropropane	ug/kg	ND	45.4	47.6	54.2	52.8	119	111	40-131	3	30		
1,3,5-Trimethylbenzene	ug/kg	ND	45.4	47.6	44.0	47.0	97	99	40-139	7	30		
1,3-Dichlorobenzene	ug/kg	ND	45.4	47.6	44.7	46.8	99	98	40-136	5	30		
1,3-Dichloropropane	ug/kg	ND	45.4	47.6	47.1	49.3	104	103	40-132	5	30		
1,4-Dichlorobenzene	ug/kg	ND	45.4	47.6	45.2	46.5	100	98	40-134	3	30		
2,2-Dichloropropane	ug/kg	ND	45.4	47.6	42.2	40.4	93	85	40-153	4	30		
2-Butanone (MEK)	ug/kg	ND	90.7	95.3	86.9	79.7	96	84	40-147	9	30		
2-Chlorotoluene	ug/kg	ND	45.4	47.6	42.8	45.8	94	96	40-136	7	30		
2-Hexanone	ug/kg	ND	90.7	95.3	85.0	81.3	94	85	40-151	4	30		
4-Chlorotoluene	ug/kg	ND	45.4	47.6	45.9	47.8	101	100	40-139	4	30		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	90.7	95.3	103	97.1	113	102	40-147	5	30		

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 39 of 54

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		82962		82963									
Parameter	Units	258922003	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
Acetone	ug/kg	ND	90.7	95.3	72.7	67.8	73	65	40-160	7	30		
Benzene	ug/kg	ND	45.4	47.6	48.2	48.3	106	101	40-129	.1	30		
Bromobenzene	ug/kg	ND	45.4	47.6	44.0	46.4	97	97	40-142	5	30		
Bromochloromethane	ug/kg	ND	45.4	47.6	47.4	45.5	105	95	40-131	4	30		
Bromodichloromethane	ug/kg	ND	45.4	47.6	48.8	49.6	108	104	40-132	2	30		
Bromoform	ug/kg	ND	45.4	47.6	42.4	42.8	93	90	40-123	1	30		
Bromomethane	ug/kg	ND	45.4	47.6	56.2	56.0	124	117	40-160	.3	30		
Carbon disulfide	ug/kg	ND	45.4	47.6	40.3	39.5	89	83	40-147	2	30		
Carbon tetrachloride	ug/kg	ND	45.4	47.6	41.6	40.0	92	84	40-139	4	30		
Chlorobenzene	ug/kg	ND	45.4	47.6	44.1	45.9	97	96	40-128	4	30		
Chloroethane	ug/kg	ND	45.4	47.6	51.1	50.2	113	105	40-160	2	30		
Chloroform	ug/kg	ND	45.4	47.6	48.1	46.7	106	98	40-142	3	30		
Chloromethane	ug/kg	ND	45.4	47.6	59.2	57.4	131	120	40-150	3	30		
cis-1,2-Dichloroethene	ug/kg	ND	45.4	47.6	48.5	45.9	107	96	40-138	5	30		
cis-1,3-Dichloropropene	ug/kg	ND	45.4	47.6	52.1	52.0	115	109	40-130	.2	30		
Dibromochloromethane	ug/kg	ND	45.4	47.6	42.6	45.3	94	95	40-127	6	30		
Dibromomethane	ug/kg	ND	45.4	47.6	48.7	48.7	107	102	40-126	.07	30		
Dichlorodifluoromethane	ug/kg	ND	45.4	47.6	54.4	47.4	120	99	40-156	14	30		
Ethylbenzene	ug/kg	ND	45.4	47.6	42.9	44.8	95	94	40-134	4	30		
Hexachloro-1,3-butadiene	ug/kg	ND	45.4	47.6	38.3	38.6	84	81	40-144	.6	30		
Isopropylbenzene (Cumene)	ug/kg	ND	45.4	47.6	41.5	42.8	92	90	40-129	3	30		
m&p-Xylene	ug/kg	ND	90.7	95.3	87.2	89.6	96	94	40-128	3	30		
Methyl-tert-butyl ether	ug/kg	ND	45.4	47.6	49.7	48.2	110	101	40-149	3	30		
Methylene chloride	ug/kg	ND	45.4	47.6	47.7	47.7	105	100	40-136	.1	30		
n-Butylbenzene	ug/kg	ND	45.4	47.6	42.6	45.0	94	94	40-133	5	30		
n-Propylbenzene	ug/kg	ND	45.4	47.6	39.7	41.9	88	88	40-139	5	30		
Naphthalene	ug/kg	ND	45.4	47.6	41.4	46.6	91	97	40-134	12	30		
o-Xylene	ug/kg	ND	45.4	47.6	43.3	45.5	96	95	40-126	5	30		
p-Isopropyltoluene	ug/kg	ND	45.4	47.6	42.9	44.9	95	94	40-137	5	30		
sec-Butylbenzene	ug/kg	ND	45.4	47.6	38.3	40.6	84	85	40-138	6	30		
Styrene	ug/kg	ND	45.4	47.6	46.9	47.5	103	100	40-124	1	30		
tert-Amylmethyl ether	ug/kg	ND	45.4	47.6	47.2	43.8	104	92	40-149	8	30		
tert-Butylbenzene	ug/kg	ND	45.4	47.6	41.1	43.8	91	92	40-151	6	30		
Tetrachloroethene	ug/kg	ND	45.4	47.6	39.3	41.2	87	86	40-142	5	30		
Toluene	ug/kg	ND	45.4	47.6	43.8	46.1	96	96	40-134	5	30		
trans-1,2-Dichloroethene	ug/kg	ND	45.4	47.6	45.0	44.1	99	93	40-143	2	30		
trans-1,3-Dichloropropene	ug/kg	ND	45.4	47.6	49.6	51.0	109	107	40-134	3	30		
Trichloroethene	ug/kg	ND	45.4	47.6	44.4	44.0	98	92	40-138	.8	30		
Trichlorofluoromethane	ug/kg	ND	45.4	47.6	40.7	38.0	90	80	40-160	7	30		
Vinyl chloride	ug/kg	ND	45.4	47.6	47.8	47.4	105	99	40-145	.8	30		
Xylene (Total)	ug/kg	ND	136	143	131	135	96	94	40-129	3	30		
1,2-Dichloroethane-d4 (S)	%						100	97	67-136				
4-Bromofluorobenzene (S)	%						104	105	67-142				
Dibromofluoromethane (S)	%						100	93	72-129				
Toluene-d8 (S)	%						98	99	69-133				

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

QC Batch: MSV/5220 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 258906008, 258906009, 258906010

METHOD BLANK: 83403 Matrix: Solid
Associated Lab Samples: 258906008, 258906009, 258906010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/25/11 11:02	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/25/11 11:02	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/25/11 11:02	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/25/11 11:02	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/25/11 11:02	
1,1-Dichloroethane	ug/kg	ND	3.0	08/25/11 11:02	
1,1-Dichloroethene	ug/kg	ND	3.0	08/25/11 11:02	
1,1-Dichloropropene	ug/kg	ND	3.0	08/25/11 11:02	
1,2,3-Trichlorobenzene	ug/kg	0.74J	3.0	08/25/11 11:02	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/25/11 11:02	
1,2,4-Trichlorobenzene	ug/kg	0.41J	3.0	08/25/11 11:02	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/25/11 11:02	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/25/11 11:02	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/25/11 11:02	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/25/11 11:02	
1,2-Dichloroethane	ug/kg	ND	3.0	08/25/11 11:02	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/25/11 11:02	
1,2-Dichloropropane	ug/kg	ND	3.0	08/25/11 11:02	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/25/11 11:02	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/25/11 11:02	
1,3-Dichloropropane	ug/kg	ND	3.0	08/25/11 11:02	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/25/11 11:02	
2,2-Dichloropropane	ug/kg	ND	3.0	08/25/11 11:02	
2-Butanone (MEK)	ug/kg	ND	10.0	08/25/11 11:02	
2-Chlorotoluene	ug/kg	ND	3.0	08/25/11 11:02	
2-Hexanone	ug/kg	ND	10.0	08/25/11 11:02	
4-Chlorotoluene	ug/kg	ND	3.0	08/25/11 11:02	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/25/11 11:02	
Acetone	ug/kg	ND	10.0	08/25/11 11:02	
Benzene	ug/kg	ND	3.0	08/25/11 11:02	
Bromobenzene	ug/kg	ND	3.0	08/25/11 11:02	
Bromochloromethane	ug/kg	ND	3.0	08/25/11 11:02	
Bromodichloromethane	ug/kg	ND	3.0	08/25/11 11:02	
Bromoform	ug/kg	ND	3.0	08/25/11 11:02	
Bromomethane	ug/kg	ND	3.0	08/25/11 11:02	
Carbon disulfide	ug/kg	ND	3.0	08/25/11 11:02	
Carbon tetrachloride	ug/kg	ND	3.0	08/25/11 11:02	
Chlorobenzene	ug/kg	ND	3.0	08/25/11 11:02	
Chloroethane	ug/kg	ND	3.0	08/25/11 11:02	
Chloroform	ug/kg	0.48J	3.0	08/25/11 11:02	
Chloromethane	ug/kg	ND	3.0	08/25/11 11:02	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/25/11 11:02	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/25/11 11:02	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 41 of 54

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

METHOD BLANK: 83403 Matrix: Solid

Associated Lab Samples: 258906008, 258906009, 258906010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	08/25/11 11:02	
Dibromomethane	ug/kg	ND	3.0	08/25/11 11:02	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/25/11 11:02	
Ethylbenzene	ug/kg	ND	3.0	08/25/11 11:02	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/25/11 11:02	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/25/11 11:02	
m&p-Xylene	ug/kg	ND	6.0	08/25/11 11:02	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/25/11 11:02	
Methylene chloride	ug/kg	ND	10.0	08/25/11 11:02	
n-Butylbenzene	ug/kg	ND	3.0	08/25/11 11:02	
n-Propylbenzene	ug/kg	ND	3.0	08/25/11 11:02	
Naphthalene	ug/kg	1.0J	3.0	08/25/11 11:02	
o-Xylene	ug/kg	ND	3.0	08/25/11 11:02	
p-Isopropyltoluene	ug/kg	ND	3.0	08/25/11 11:02	
sec-Butylbenzene	ug/kg	ND	3.0	08/25/11 11:02	
Styrene	ug/kg	ND	3.0	08/25/11 11:02	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/25/11 11:02	
tert-Butylbenzene	ug/kg	ND	3.0	08/25/11 11:02	
Tetrachloroethene	ug/kg	ND	3.0	08/25/11 11:02	
Toluene	ug/kg	0.51J	3.0	08/25/11 11:02	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/25/11 11:02	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/25/11 11:02	
Trichloroethene	ug/kg	ND	3.0	08/25/11 11:02	
Trichlorofluoromethane	ug/kg	ND	3.0	08/25/11 11:02	
Vinyl chloride	ug/kg	ND	3.0	08/25/11 11:02	
Xylene (Total)	ug/kg	ND	9.0	08/25/11 11:02	
1,2-Dichloroethane-d4 (S)	%	104	67-136	08/25/11 11:02	
4-Bromofluorobenzene (S)	%	108	67-142	08/25/11 11:02	
Dibromofluoromethane (S)	%	87	72-129	08/25/11 11:02	
Toluene-d8 (S)	%	112	69-133	08/25/11 11:02	

LABORATORY CONTROL SAMPLE: 83404

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	53.6	107	68-127	
1,1,1-Trichloroethane	ug/kg	50	55.3	111	69-139	
1,1,2,2-Tetrachloroethane	ug/kg	50	60.1	120	63-137	
1,1,2-Trichloroethane	ug/kg	50	56.6	113	65-131	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	46.3	93	64-153	
1,1-Dichloroethane	ug/kg	50	52.9	106	69-133	
1,1-Dichloroethene	ug/kg	50	54.4	109	68-157	
1,1-Dichloropropene	ug/kg	50	58.1	116	68-140	
1,2,3-Trichlorobenzene	ug/kg	50	46.0	92	69-132	
1,2,3-Trichloropropane	ug/kg	50	54.4	109	71-124	
1,2,4-Trichlorobenzene	ug/kg	50	50.9	102	68-137	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

LABORATORY CONTROL SAMPLE: 83404

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	50	62.1	124	74-124	
1,2-Dibromo-3-chloropropane	ug/kg	50	56.7	113	52-133	
1,2-Dibromoethane (EDB)	ug/kg	50	54.7	109	66-129	
1,2-Dichlorobenzene	ug/kg	50	54.1	108	78-122	
1,2-Dichloroethane	ug/kg	50	55.2	110	67-131	
1,2-Dichloroethene (Total)	ug/kg	100	102	102	73-143	
1,2-Dichloropropane	ug/kg	50	54.7	109	67-133	
1,3,5-Trimethylbenzene	ug/kg	50	63.3	127	78-124	2n
1,3-Dichlorobenzene	ug/kg	50	55.8	112	79-122	
1,3-Dichloropropane	ug/kg	50	59.4	119	62-131	
1,4-Dichlorobenzene	ug/kg	50	54.9	110	77-119	
2,2-Dichloropropane	ug/kg	50	57.6	115	66-143	
2-Butanone (MEK)	ug/kg	100	119	119	44-160	
2-Chlorotoluene	ug/kg	50	60.0	120	75-123	
2-Hexanone	ug/kg	100	152	152	40-160	
4-Chlorotoluene	ug/kg	50	59.5	119	78-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	117	117	46-156	
Acetone	ug/kg	100	125	125	40-160	
Benzene	ug/kg	50	52.5	105	69-133	
Bromobenzene	ug/kg	50	54.5	109	81-122	
Bromochloromethane	ug/kg	50	46.7	93	77-132	
Bromodichloromethane	ug/kg	50	51.2	102	75-132	
Bromoform	ug/kg	50	51.4	103	58-128	
Bromomethane	ug/kg	50	60.2	120	46-160	
Carbon disulfide	ug/kg	50	50.3	101	56-143	
Carbon tetrachloride	ug/kg	50	57.6	115	65-146	
Chlorobenzene	ug/kg	50	54.7	109	76-123	
Chloroethane	ug/kg	50	64.6	129	51-146	
Chloroform	ug/kg	50	51.7	103	73-132	
Chloromethane	ug/kg	50	62.5	125	40-142	
cis-1,2-Dichloroethene	ug/kg	50	49.4	99	75-142	
cis-1,3-Dichloropropene	ug/kg	50	53.5	107	62-150	
Dibromochloromethane	ug/kg	50	52.9	106	70-126	
Dibromomethane	ug/kg	50	50.7	101	75-132	
Dichlorodifluoromethane	ug/kg	50	58.9	118	40-160	
Ethylbenzene	ug/kg	50	58.6	117	68-126	
Hexachloro-1,3-butadiene	ug/kg	50	51.9	104	65-144	
Isopropylbenzene (Cumene)	ug/kg	50	58.2	116	73-120	
m&p-Xylene	ug/kg	100	121	121	66-128	
Methyl-tert-butyl ether	ug/kg	50	50.5	101	67-134	
Methylene chloride	ug/kg	50	45.2	90	59-149	
n-Butylbenzene	ug/kg	50	64.5	129	72-125	2n
n-Propylbenzene	ug/kg	50	59.6	119	73-131	
Naphthalene	ug/kg	50	48.2	96	54-147	
o-Xylene	ug/kg	50	57.2	114	70-125	
p-Isopropyltoluene	ug/kg	50	63.2	126	76-127	
sec-Butylbenzene	ug/kg	50	60.5	121	75-134	
Styrene	ug/kg	50	58.5	117	72-124	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

LABORATORY CONTROL SAMPLE: 83404

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amylmethyl ether	ug/kg	50	51.3	103	59-145	
tert-Butylbenzene	ug/kg	50	60.5	121	74-130	
Tetrachloroethene	ug/kg	50	60.3	121	57-131	
Toluene	ug/kg	50	62.5	125	68-130	
trans-1,2-Dichloroethene	ug/kg	50	52.1	104	71-146	
trans-1,3-Dichloropropene	ug/kg	50	61.6	123	61-128	
Trichloroethene	ug/kg	50	52.4	105	71-138	
Trichlorofluoromethane	ug/kg	50	64.8	130	50-160	
Vinyl chloride	ug/kg	50	64.3	129	48-141	
Xylene (Total)	ug/kg	150	178	119	68-126	
1,2-Dichloroethane-d4 (S)	%			110	67-136	
4-Bromofluorobenzene (S)	%			104	67-142	
Dibromofluoromethane (S)	%			94	72-129	
Toluene-d8 (S)	%			109	69-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83623

83624

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		258999001 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/kg	ND	42.7	38.3	38.8	39.3	91	103	40-133	1	30		
1,1,1-Trichloroethane	ug/kg	ND	42.7	38.3	37.1	37.8	87	99	40-148	2	30		
1,1,2,2-Tetrachloroethane	ug/kg	ND	42.7	38.3	50.2	46.8	118	122	40-141	7	30		
1,1,2-Trichloroethane	ug/kg	ND	42.7	38.3	44.9	41.4	105	108	40-136	8	30		
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	42.7	38.3	34.2	43.3	80	113	40-153	23	30		
1,1-Dichloroethane	ug/kg	ND	42.7	38.3	37.1	36.6	87	96	40-132	1	30		
1,1-Dichloroethene	ug/kg	ND	42.7	38.3	42.5	59.1	100	154	40-155	33	30	D6	
1,1-Dichloropropene	ug/kg	ND	42.7	38.3	36.8	35.6	86	93	40-130	3	30		
1,2,3-Trichlorobenzene	ug/kg	ND	42.7	38.3	35.3	35.7	83	93	40-130	1	30		
1,2,3-Trichloropropane	ug/kg	ND	42.7	38.3	48.1	43.5	113	114	40-158	10	30		
1,2,4-Trichlorobenzene	ug/kg	ND	42.7	38.3	36.6	35.8	86	94	40-134	2	30		
1,2,4-Trimethylbenzene	ug/kg	ND	42.7	38.3	42.3	42.2	99	110	40-133	.04	30		
1,2-Dibromo-3-chloropropane	ug/kg	ND	42.7	38.3	53.1	47.3	125	124	40-127	12	30		
1,2-Dibromoethane (EDB)	ug/kg	ND	42.7	38.3	42.5	40.6	100	106	40-138	5	30		
1,2-Dichlorobenzene	ug/kg	ND	42.7	38.3	39.1	38.1	92	99	40-136	3	30		
1,2-Dichloroethane	ug/kg	ND	42.7	38.3	44.5	41.8	104	109	40-133	6	30		
1,2-Dichloroethene (Total)	ug/kg	ND	85.3	76.6	70.9	69.3	83	91	40-141	2	30		
1,2-Dichloropropane	ug/kg	ND	42.7	38.3	41.5	40.1	97	105	40-131	3	30		
1,3,5-Trimethylbenzene	ug/kg	ND	42.7	38.3	42.4	42.0	99	110	40-139	.9	30		
1,3-Dichlorobenzene	ug/kg	ND	42.7	38.3	39.6	38.8	93	101	40-136	2	30		
1,3-Dichloropropane	ug/kg	ND	42.7	38.3	45.4	43.0	106	112	40-132	5	30		
1,4-Dichlorobenzene	ug/kg	ND	42.7	38.3	39.5	39.4	93	103	40-134	.3	30		
2,2-Dichloropropane	ug/kg	ND	42.7	38.3	38.3	38.9	90	101	40-153	2	30		
2-Butanone (MEK)	ug/kg	ND	85.3	76.6	89.0	68.9	104	90	40-147	25	30		
2-Chlorotoluene	ug/kg	ND	42.7	38.3	40.1	40.9	94	107	40-136	2	30		
2-Hexanone	ug/kg	ND	85.3	76.6	109	96.4	128	126	40-151	13	30		
4-Chlorotoluene	ug/kg	ND	42.7	38.3	41.4	40.7	97	106	40-139	2	30		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	85.3	76.6	106	93.5	119	117	40-147	13	30		

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 44 of 54

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 83623 83624													
Parameter	Units	MS		MSD		MS		MSD		% Rec	Limits	Max	Qual
		258999001	Spike	Spike	MS	MSD	MS	MSD					
		Result	Conc.	Conc.	Result	Result	% Rec	% Rec	RPD	RPD			
Acetone	ug/kg	19.4	85.3	76.6	80.5	85.2	72	86	40-160	6	30		
Benzene	ug/kg	ND	42.7	38.3	37.5	36.9	88	96	40-129	2	30		
Bromobenzene	ug/kg	ND	42.7	38.3	38.9	38.8	91	101	40-142	.2	30		
Bromochloromethane	ug/kg	ND	42.7	38.3	35.8	34.8	84	91	40-131	3	30		
Bromodichloromethane	ug/kg	ND	42.7	38.3	38.0	37.8	89	99	40-132	.6	30		
Bromoform	ug/kg	ND	42.7	38.3	42.8	38.9	100	102	40-123	9	30		
Bromomethane	ug/kg	ND	42.7	38.3	46.9	47.8	110	125	40-160	2	30		
Carbon disulfide	ug/kg	ND	42.7	38.3	34.1	34.0	79	88	40-147	.4	30		
Carbon tetrachloride	ug/kg	ND	42.7	38.3	37.8	37.9	89	99	40-139	.5	30		
Chlorobenzene	ug/kg	ND	42.7	38.3	38.3	38.0	90	99	40-128	1	30		
Chloroethane	ug/kg	ND	42.7	38.3	45.0	47.6	105	124	40-160	6	30		
Chloroform	ug/kg	ND	42.7	38.3	36.5	36.2	86	94	40-142	1	30		
Chloromethane	ug/kg	ND	42.7	38.3	44.1	45.9	103	120	40-150	4	30		
cis-1,2-Dichloroethene	ug/kg	ND	42.7	38.3	35.2	34.9	82	91	40-138	1	30		
cis-1,3-Dichloropropene	ug/kg	ND	42.7	38.3	41.9	38.4	98	100	40-130	9	30		
Dibromochloromethane	ug/kg	ND	42.7	38.3	40.2	38.2	94	100	40-127	5	30		
Dibromomethane	ug/kg	ND	42.7	38.3	42.2	39.0	99	102	40-126	8	30		
Dichlorodifluoromethane	ug/kg	ND	42.7	38.3	39.4	37.5	92	98	40-156	5	30		
Ethylbenzene	ug/kg	ND	42.7	38.3	40.0	40.3	93	105	40-134	.7	30		
Hexachloro-1,3-butadiene	ug/kg	ND	42.7	38.3	31.6	29.4	74	77	40-144	7	30		
Isopropylbenzene (Cumene)	ug/kg	ND	42.7	38.3	39.6	39.8	93	104	40-129	.6	30		
m&p-Xylene	ug/kg	ND	85.3	76.6	80.0	81.2	93	106	40-128	1	30		
Methyl-tert-butyl ether	ug/kg	ND	42.7	38.3	41.8	39.0	98	102	40-149	7	30		
Methylene chloride	ug/kg	ND	42.7	38.3	36.1	37.2	85	97	40-136	3	30		
n-Butylbenzene	ug/kg	ND	42.7	38.3	42.2	41.1	99	107	40-133	3	30		
n-Propylbenzene	ug/kg	ND	42.7	38.3	39.0	39.5	91	103	40-139	1	30		
Naphthalene	ug/kg	ND	42.7	38.3	40.5	39.5	94	102	40-134	3	30		
o-Xylene	ug/kg	ND	42.7	38.3	38.8	39.8	91	104	40-126	3	30		
p-Isopropyltoluene	ug/kg	ND	42.7	38.3	41.1	40.5	96	106	40-137	1	30		
sec-Butylbenzene	ug/kg	ND	42.7	38.3	38.6	38.4	90	100	40-138	.5	30		
Styrene	ug/kg	ND	42.7	38.3	41.2	41.5	95	107	40-124	.5	30		
tert-Amylmethyl ether	ug/kg	ND	42.7	38.3	38.7	38.3	91	100	40-149	.8	30		
tert-Butylbenzene	ug/kg	ND	42.7	38.3	39.1	39.5	92	103	40-151	.9	30		
Tetrachloroethene	ug/kg	ND	42.7	38.3	38.1	36.8	89	96	40-142	3	30		
Toluene	ug/kg	5.0	42.7	38.3	41.7	40.6	86	93	40-134	3	30		
trans-1,2-Dichloroethene	ug/kg	ND	42.7	38.3	35.7	34.4	84	90	40-143	3	30		
trans-1,3-Dichloropropene	ug/kg	ND	42.7	38.3	49.3	43.4	116	113	40-134	13	30		
Trichloroethene	ug/kg	ND	42.7	38.3	35.6	34.0	84	89	40-138	5	30		
Trichlorofluoromethane	ug/kg	ND	42.7	38.3	43.2	43.8	101	114	40-160	1	30		
Vinyl chloride	ug/kg	ND	42.7	38.3	44.9	46.9	105	122	40-145	4	30		
Xylene (Total)	ug/kg	ND	128	115	119	121	92	105	40-129	2	30		
1,2-Dichloroethane-d4 (S)	%						125	117	67-136				
4-Bromofluorobenzene (S)	%						107	105	67-142				
Dibromofluoromethane (S)	%						99	95	72-129				
Toluene-d8 (S)	%						105	105	69-133				

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

QC Batch: MSV/5238

Analysis Method: NWTPH-Gx

QC Batch Method: NWTPH-Gx

Analysis Description: NWTPH-Gx MSV Water

Associated Lab Samples: 258906012

METHOD BLANK: 83793

Matrix: Water

Associated Lab Samples: 258906012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	13.8J	50.0	08/26/11 09:50	
4-Bromofluorobenzene (S)	%	113	50-150	08/26/11 09:50	

LABORATORY CONTROL SAMPLE: 83794

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	418	84	65-139	
4-Bromofluorobenzene (S)	%			114	50-150	

SAMPLE DUPLICATE: 83948

Parameter	Units	259024001 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	ug/L	ND	32.7J		24	
4-Bromofluorobenzene (S)	%	117	116			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

QC Batch: OEXT/4310 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 258906007, 258906008, 258906009, 258906010

METHOD BLANK: 84342 Matrix: Solid
Associated Lab Samples: 258906007, 258906008, 258906009, 258906010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	6.7	09/02/11 00:14	
2-Methylnaphthalene	ug/kg	ND	6.7	09/02/11 00:14	
Acenaphthene	ug/kg	ND	6.7	09/02/11 00:14	
Acenaphthylene	ug/kg	ND	6.7	09/02/11 00:14	
Anthracene	ug/kg	ND	6.7	09/02/11 00:14	
Benzo(a)anthracene	ug/kg	ND	6.7	09/02/11 00:14	
Benzo(a)pyrene	ug/kg	ND	6.7	09/02/11 00:14	
Benzo(b)fluoranthene	ug/kg	ND	6.7	09/02/11 00:14	
Benzo(g,h,i)perylene	ug/kg	ND	6.7	09/02/11 00:14	
Benzo(k)fluoranthene	ug/kg	ND	6.7	09/02/11 00:14	
Chrysene	ug/kg	ND	6.7	09/02/11 00:14	
Dibenz(a,h)anthracene	ug/kg	ND	6.7	09/02/11 00:14	
Fluoranthene	ug/kg	ND	6.7	09/02/11 00:14	
Fluorene	ug/kg	ND	6.7	09/02/11 00:14	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	6.7	09/02/11 00:14	
Naphthalene	ug/kg	ND	6.7	09/02/11 00:14	
Phenanthrene	ug/kg	ND	6.7	09/02/11 00:14	
Pyrene	ug/kg	ND	6.7	09/02/11 00:14	
2-Fluorobiphenyl (S)	%	89	31-131	09/02/11 00:14	
Terphenyl-d14 (S)	%	97	30-133	09/02/11 00:14	

LABORATORY CONTROL SAMPLE: 84343

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	133	120	90	37-121	
2-Methylnaphthalene	ug/kg	133	117	88	33-132	
Acenaphthene	ug/kg	133	124	93	32-127	
Acenaphthylene	ug/kg	133	116	87	31-134	
Anthracene	ug/kg	133	132	99	42-135	
Benzo(a)anthracene	ug/kg	133	133	100	43-139	
Benzo(a)pyrene	ug/kg	133	155	116	44-144	
Benzo(b)fluoranthene	ug/kg	133	140	105	42-144	
Benzo(g,h,i)perylene	ug/kg	133	135	101	46-136	
Benzo(k)fluoranthene	ug/kg	133	143	107	45-147	
Chrysene	ug/kg	133	135	101	42-144	
Dibenz(a,h)anthracene	ug/kg	133	136	102	48-142	
Fluoranthene	ug/kg	133	127	95	44-143	
Fluorene	ug/kg	133	127	95	32-146	
Indeno(1,2,3-cd)pyrene	ug/kg	133	141	105	47-140	
Naphthalene	ug/kg	133	114	86	35-118	
Phenanthrene	ug/kg	133	132	99	42-131	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

LABORATORY CONTROL SAMPLE: 84343

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	133	144	108	47-136	
2-Fluorobiphenyl (S)	%			79	31-131	
Terphenyl-d14 (S)	%			90	30-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 84464 84465

Parameter	Units	259061001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual	
			Spike Conc.	Conc.	MS Result	MSD Result				RPD	RPD		
1-Methylnaphthalene	ug/kg	48.4	149	149	109	148	41	67	31-123	31	21	R1	
2-Methylnaphthalene	ug/kg	104	149	149	142	195	26	61	15-146	31	20	R1	
Acenaphthene	ug/kg	ND	149	149	93.1	125	61	82	19-141	29	24	R1	
Acenaphthylene	ug/kg	ND	149	149	87.3	119	58	78	30-142	30	22	R1	
Anthracene	ug/kg	ND	149	149	93.3	129	60	84	38-137	32	22	R1	
Benzo(a)anthracene	ug/kg	13.3	149	149	104	148	61	90	37-143	35	19	R1	
Benzo(a)pyrene	ug/kg	13.4	149	149	112	154	67	94	33-147	31	18	R1	
Benzo(b)fluoranthene	ug/kg	21.5	149	149	101	146	54	83	25-156	36	22	R1	
Benzo(g,h,i)perylene	ug/kg	18.8	149	149	105	149	58	87	26-142	35	20	R1	
Benzo(k)fluoranthene	ug/kg	ND	149	149	103	136	65	86	35-142	27	23	R1	
Chrysene	ug/kg	23.9	149	149	105	145	55	81	23-150	32	23	R1	
Dibenz(a,h)anthracene	ug/kg	ND	149	149	97.4	136	64	89	41-140	33	18	R1	
Fluoranthene	ug/kg	30.8	149	149	110	155	54	83	25-155	33	19	R1	
Fluorene	ug/kg	ND	149	149	100	136	65	88	33-152	30	18	R1	
Indeno(1,2,3-cd)pyrene	ug/kg	12.6	149	149	108	153	65	94	36-139	34	19	R1	
Naphthalene	ug/kg	55.8	149	149	108	156	35	67	25-121	36	34	R1	
Phenanthrene	ug/kg	24.6	149	149	108	152	56	85	29-141	34	21	R1	
Pyrene	ug/kg	42.0	149	149	117	158	50	78	36-145	30	19	R1	
2-Fluorobiphenyl (S)	%							51	72	31-131			
Terphenyl-d14 (S)	%							52	69	30-133			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

QC Batch: OEXT/4262 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 258906001, 258906002, 258906003, 258906004, 258906005, 258906007, 258906008, 258906009, 258906010

METHOD BLANK: 82989 Matrix: Solid
Associated Lab Samples: 258906001, 258906002, 258906003, 258906004, 258906005, 258906007, 258906008, 258906009, 258906010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/kg	ND	330	08/23/11 21:12	
2,4,6-Tribromophenol (S)	%	55	26-135	08/23/11 21:12	
2-Fluorobiphenyl (S)	%	82	46-118	08/23/11 21:12	
2-Fluorophenol (S)	%	74	37-117	08/23/11 21:12	
Nitrobenzene-d5 (S)	%	83	40-138	08/23/11 21:12	
Phenol-d6 (S)	%	77	44-120	08/23/11 21:12	
Terphenyl-d14 (S)	%	82	41-137	08/23/11 21:12	

LABORATORY CONTROL SAMPLE: 82990

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	1330	649	49	20-89	
2,4,6-Tribromophenol (S)	%			77	26-135	
2-Fluorobiphenyl (S)	%			83	46-118	
2-Fluorophenol (S)	%			77	37-117	
Nitrobenzene-d5 (S)	%			85	40-138	
Phenol-d6 (S)	%			78	44-120	
Terphenyl-d14 (S)	%			80	41-137	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 82991 82992

Parameter	Units	258906002		82992		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Pentachlorophenol	ug/kg	ND	3690	3780	2420	2460	66	65	10-143	1	28
2,4,6-Tribromophenol (S)	%						81	81	26-135		
2-Fluorobiphenyl (S)	%						77	70	46-118		
2-Fluorophenol (S)	%						63	62	37-117		
Nitrobenzene-d5 (S)	%						75	73	40-138		
Phenol-d6 (S)	%						62	63	44-120		
Terphenyl-d14 (S)	%						75	69	41-137		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 258906

QC Batch: OEXT/4254 Analysis Method: NWTPH-Dx
QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
Associated Lab Samples: 258906007, 258906008, 258906009, 258906010

METHOD BLANK: 82900 Matrix: Solid
Associated Lab Samples: 258906007, 258906008, 258906009, 258906010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	08/23/11 20:13	
Motor Oil Range SG	mg/kg	ND	64.0	08/23/11 20:13	
n-Octacosane (S) SG	%	107	50-150	08/23/11 20:13	
o-Terphenyl (S) SG	%	89	50-150	08/23/11 20:13	

LABORATORY CONTROL SAMPLE: 82901

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	500	436	87	56-124	
Motor Oil Range SG	mg/kg	500	523	105	50-150	
n-Octacosane (S) SG	%			108	50-150	
o-Terphenyl (S) SG	%			92	50-150	

SAMPLE DUPLICATE: 82902

Parameter	Units	258906007 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/kg	31.5J	ND		50	
Motor Oil Range SG	mg/kg	280	266	5	50	
n-Octacosane (S) SG	%	105	107	9		
o-Terphenyl (S) SG	%	88	90	10		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 258906

QC Batch: PMST/1798

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 258906001, 258906002, 258906003, 258906004, 258906005, 258906007, 258906008, 258906009, 258906010

SAMPLE DUPLICATE: 82747

Parameter	Units	258918001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	30.3	32.4	7	30	

SAMPLE DUPLICATE: 82748

Parameter	Units	258906010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	73.3	74.5	2	30	

QUALIFIERS

Project: Superlon

Pace Project No.: 258906

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

- | | |
|----|---|
| 1n | Acetone is a potential false positive result due to VOA vial contamination. This contamination was traced to the supplier of these VOA vials. |
| 2n | Laboratory control sample was outside of QC limits. Batch accepted based on matrix spike (MS) recovery. |
| 3n | Result could not be confirmed by second analysis due to limited sample volume. |
| B | Analyte was detected in the associated method blank. |
| D3 | Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference. |
| D6 | The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits. |
| IS | The internal standard response is below criteria. Results may be biased high. |
| L3 | Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| R1 | RPD value was outside control limits. |
| S5 | Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). |

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 258906

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258906007	SUP_SD_7	EPA 3546	OEXT/4254	NWTPH-Dx	GCSV/2827
258906008	SUP_SD_8	EPA 3546	OEXT/4254	NWTPH-Dx	GCSV/2827
258906009	SUP_SD_9	EPA 3546	OEXT/4254	NWTPH-Dx	GCSV/2827
258906010	SUP_SD_DUP	EPA 3546	OEXT/4254	NWTPH-Dx	GCSV/2827
258906006	TRIP BLANK (SOIL) #18	NWTPH-Gx	GCV/2412	NWTPH-Gx	GCV/2419
258906007	SUP_SD_7	EPA 3050	MPRP/2437	EPA 6010	ICP/2326
258906008	SUP_SD_8	EPA 3050	MPRP/2437	EPA 6010	ICP/2326
258906009	SUP_SD_9	EPA 3050	MPRP/2437	EPA 6010	ICP/2326
258906010	SUP_SD_DUP	EPA 3050	MPRP/2437	EPA 6010	ICP/2326
258906011	SUP_SW_2	EPA 3010	MPRP/2442	EPA 6010	ICP/2331
258906011	SUP_SW_2	EPA 3010	MPRP/2421	EPA 6010	ICP/2311
258906007	SUP_SD_7	EPA 7471	MERP/1506	EPA 7471	MERC/1523
258906008	SUP_SD_8	EPA 7471	MERP/1506	EPA 7471	MERC/1523
258906009	SUP_SD_9	EPA 7471	MERP/1506	EPA 7471	MERC/1523
258906010	SUP_SD_DUP	EPA 7471	MERP/1506	EPA 7471	MERC/1523
258906007	SUP_SD_7	EPA 3546	OEXT/4310	EPA 8270 by SIM	MSSV/1758
258906008	SUP_SD_8	EPA 3546	OEXT/4310	EPA 8270 by SIM	MSSV/1758
258906009	SUP_SD_9	EPA 3546	OEXT/4310	EPA 8270 by SIM	MSSV/1758
258906010	SUP_SD_DUP	EPA 3546	OEXT/4310	EPA 8270 by SIM	MSSV/1758
258906001	SUP_SD_2	EPA 3546	OEXT/4262	EPA 8270	MSSV/1749
258906002	SUP_SD_3	EPA 3546	OEXT/4262	EPA 8270	MSSV/1749
258906003	SUP_SD_4	EPA 3546	OEXT/4262	EPA 8270	MSSV/1749
258906004	SUP_SD_5	EPA 3546	OEXT/4262	EPA 8270	MSSV/1749
258906005	SUP_SD_6	EPA 3546	OEXT/4262	EPA 8270	MSSV/1749
258906007	SUP_SD_7	EPA 3546	OEXT/4262	EPA 8270	MSSV/1749
258906008	SUP_SD_8	EPA 3546	OEXT/4262	EPA 8270	MSSV/1749
258906009	SUP_SD_9	EPA 3546	OEXT/4262	EPA 8270	MSSV/1749
258906010	SUP_SD_DUP	EPA 3546	OEXT/4262	EPA 8270	MSSV/1749
258906011	SUP_SW_2	EPA 5030B/8260	MSV/5227		
258906012	Trip Blank	EPA 5030B/8260	MSV/5227		
258906006	TRIP BLANK (SOIL) #18	EPA 8260	MSV/5191		
258906007	SUP_SD_7	EPA 8260	MSV/5191		
258906008	SUP_SD_8	EPA 8260	MSV/5220		
258906009	SUP_SD_9	EPA 8260	MSV/5220		
258906010	SUP_SD_DUP	EPA 8260	MSV/5220		
258906012	Trip Blank	NWTPH-Gx	MSV/5238		
258906001	SUP_SD_2	ASTM D2974-87	PMST/1798		
258906002	SUP_SD_3	ASTM D2974-87	PMST/1798		
258906003	SUP_SD_4	ASTM D2974-87	PMST/1798		
258906004	SUP_SD_5	ASTM D2974-87	PMST/1798		
258906005	SUP_SD_6	ASTM D2974-87	PMST/1798		
258906007	SUP_SD_7	ASTM D2974-87	PMST/1798		
258906008	SUP_SD_8	ASTM D2974-87	PMST/1798		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 258906

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258906009	SUP_SD_9	ASTM D2974-87	PMST/1798		
258906010	SUP_SD_DUP	ASTM D2974-87	PMST/1798		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 2510017
Sample Date(s): November 15, 2011

This review summarizes the data quality of analytical results generated in support of the November 15, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 2510017.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2510017



Delivery Group Summary

Fifty-eight soil samples, four soil field duplicates, and two soil trip blanks were collected by Pacific Environmental Redevelopment Corporation on November 15, 2011. Samples were hand delivered by a Pace Analytical Services representative to Pace Analytical Services in Seattle, Washington on the same day of collection. Samples were analyzed for metals (arsenic, lead, and cadmium), gasoline range organics, and diesel range organics by methods 6010, NWTPH-Gx, and NWTPH-Dx, respectively.

The key data evaluation findings include the following:

- Metal results by method 6010 have 40.3% of the results qualified.
- Diesel range organic results by method NWTPH-Dx are of acceptable quality. None of the results were qualified.
- Gasoline range organic results by method NWTPH-Gx have 100% of the results qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 58 Samples (4 Duplicates)	Groundwater= 0 Samples	Trip Blank (Soil)= 2 Samples	Trip Blank (Groundwater)= 0 Samples
6010 Metals (As, Pb, Cd)		NWTPH-Gx	
NWTPH-Dx			
NWTPH-Gx			

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the SAP & QAPP.

Action: No action was taken based on the evaluation of holding times.

Representativeness

Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.

Accuracy



- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes /Methods Associated with Surrogate	Comment
SUP_SL_60_0-1_111511	2510017001	4-Bromofluorobenzene	157	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_60_1-2_111511	2510017002	4-Bromofluorobenzene	152	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_60_2-4_111511	2510017003	4-Bromofluorobenzene	159	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_60_4-6_111511	2510017004	4-Bromofluorobenzene	183	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_61_1-2_111511	2510017009	4-Bromofluorobenzene	157	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_61_2-4_111511	2510017010	4-Bromofluorobenzene	185	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_61_4-6_111511	2510017011	4-Bromofluorobenzene	172	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_62_0-1_111511	2510017015	4-Bromofluorobenzene	184	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.



SUP_SL_63_6-8_111511	2510017026	4-Bromofluorobenzene	156	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Results not qualified based on criteria 1c.
SUP_SL_64_1-2_111511	2510017032	4-Bromofluorobenzene	181	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_64_4-6_111511	2510017034	4-Bromofluorobenzene	155	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_64_1-2_111511	2510017038	4-Bromofluorobenzene	183	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_66_1-2_111511	2510017045	4-Bromofluorobenzene	162	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_66_7-10_111511	2510017059	n-Octacosane	151	50-150	High	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recovery not evaluated against control limits due to sample dilution. Sample results were not qualified.
SUP_SL_68_2-4_111511	2510017060	4-Bromofluorobenzene	189	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.
SUP_SL_68_6-8_111511	2510017062	4-Bromofluorobenzene	172	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Results not qualified based on criteria 1c.
SUP_SL_68_1-2_111511_D	2510017064	n-Octacosane	176	50-150	High	Volatile Surrogate	NWTPH-Dx Diesel Range Organics	Surrogate recovery not evaluated against control limits due to sample dilution.



								Sample results were not qualified.
		4-Bromofluorobenzene	185	50-150	High	Volatile Surrogate	NWTPH-Gx Gasoline Range Organics	Qualified based on criteria 1b.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. Multiple coolers were used to transport the samples each containing a trip blank. There is no documentation on which trip blanks and samples went with which coolers. However, there were no detects in either trip blank.

The following analytes were detected in the method blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
94362	Method Blank	SUP_SL_64_4-6_111511	2510017034	Cadmium	0.013 J	mg/kg
		SUP_SL_64_6-8_111511	2510017035			
		SUP_SL_64_8-10_111511	2510017036			
		SUP_SL_65_0-1_111511	2510017037			
		SUP_SL_65_1-2_111511	2510017038			
		SUP_SL_65_2-4_111511	2510017039			
		SUP_SL_65_4-6_111511	2510017040			
		SUP_SL_65_6-8_111511	2510017041			
		SUP_SL_65_8-10_111511	2510017042			
		SUP_SL_65_8-10_111511_D	2510017043			
		SUP_SL_66_0-1_111511	2510017044			
		SUP_SL_66_1-2_111511	2510017045			
		SUP_SL_66_2-4_111511	2510017046			
		SUP_SL_66_4-6_111511	2510017047			
		SUP_SL_66_6-8_111511	2510017048			
SUP_SL_66_8-10_111511	2510017049					
94614	Method Blank	SUP_SL_60_0-1_111511	2510017001	Lead	1.5	mg/kg
		SUP_SL_60_1-2_111511	2510017002			
		SUP_SL_60_2-4_111511	2510017003			
		SUP_SL_60_4-6_111511	2510017004			
		SUP_SL_60_6-8_111511	2510017005			
		SUP_SL_60_8-10_111511	2510017006			
		SUP_SL_60_10-12_111511	2510017007			
		SUP_SL_61_0-1_111511	2510017008			
		SUP_SL_61_1-2_111511	2510017009			
		SUP_SL_61_2-4_111511	2510017010			
		SUP_SL_61_4-6_111511	2510017011			
		SUP_SL_61_6-8_111511	2510017012			
		SUP_SL_61_8-10_111511	2510017013			
		SUP_SL_61_10-12_111511	2510017014			
		SUP_SL_62_0-1_111511	2510017015			
SUP_SL_62_1-2_111511	2510017016					
94618	Method Blank	SUP_SL_62_2-4_111511	2510017017	Arsenic	0.03 J	mg/kg
		SUP_SL_62_4-6_111511	2510017018	Lead	0.45 J	mg/kg



	SUP_SL_62_6-8_111511	2510017019		
	SUP_SL_62_8-10_111511	2510017020		
	SUP_SL_62_10-12_111511	2510017021		
	SUP_SL_63_0-1_111511	2510017022		
	SUP_SL_63_1-2_111511	2510017023		
	SUP_SL_63_2-4_111511	2510017024		
	SUP_SL_63_4-6_111511	2510017025		
	SUP_SL_63_6-8_111511	2510017026		
	SUP_SL_63_8-10_111511	2510017027		
	SUP_SL_63_10-12_111511	2510017028		
	SUP_SL_63_4-6_111511_D	2510017029		
	SUP_SL_64_0-1_111511	2510017031		
	SUP_SL_64_1-2_111511	2510017032		
	SUP_SL_64_2-4_111511	2510017033		

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Arsenic		
SUP_SL_62_2-4_111511	2510017017	94618	Method Blank. Qualified based on criteria 6.
SUP_SL_62_4-6_111511	2510017018		
SUP_SL_62_6-8_111511	2510017019		
SUP_SL_62_8-10_111511	2510017020		
SUP_SL_62_10-12_111511	2510017021		
SUP_SL_63_0-1_111511	2510017022		
SUP_SL_63_1-2_111511	2510017023		
SUP_SL_63_2-4_111511	2510017024		
SUP_SL_63_4-6_111511	2510017025		
SUP_SL_63_6-8_111511	2510017026		
SUP_SL_63_8-10_111511	2510017027		
SUP_SL_63_10-12_111511	2510017028		
SUP_SL_63_4-6_111511_D	2510017029		
SUP_SL_64_0-1_111511	2510017031		
SUP_SL_64_1-2_111511	2510017032		



SUP_SL_64_2-4_111511		2510017033		
Analyte:	Cadmium			
SUP_SL_64_4-6_111511	2510017034	94362	Method Blank. Qualified based on criteria 6.	
SUP_SL_64_6-8_111511	2510017035			
SUP_SL_64_0-1_111511	2510017037			
SUP_SL_65_1-2_111511	2510017038			
SUP_SL_65_2-4_111511	2510017039			
SUP_SL_65_4-6_111511	2510017040			
SUP_SL_65_6-8_111511	2510017041			
SUP_SL_66_0-1_111511	2510017044			
SUP_SL_66_1-2_111511	2510017045			
SUP_SL_66_2-4_111511	2510017046			
SUP_SL_66_4-6_111511	2510017047			
Analyte:	Lead			
SUP_SL_60_0-1_111511	2510017001	94614	Method Blank. Qualified based on criteria 4 and 6.	
SUP_SL_60_1-2_111511	2510017002			
SUP_SL_60_2-4_111511	2510017003			
SUP_SL_60_4-6_111511	2510017004			
SUP_SL_60_6-8_111511	2510017005			
SUP_SL_60_8-10_111511	2510017006			
SUP_SL_60_10-12_111511	2510017007			
SUP_SL_61_0-1_111511	2510017008			
SUP_SL_61_1-2_111511	2510017009			
SUP_SL_61_2-4_111511	2510017010			
SUP_SL_61_4-6_111511	2510017011			
SUP_SL_61_6-8_111511	2510017012			
SUP_SL_61_8-10_111511	2510017013			
SUP_SL_61_10-12_111511	2510017014			
SUP_SL_62_0-1_111511	2510017015			
SUP_SL_62_1-2_111511	2510017016			



SUP_SL_62_2-4_111511	2510017017	94618	Method Blank. Qualified based on criteria 6.
SUP_SL_62_4-6_111511	2510017018		
SUP_SL_62_6-8_111511	2510017019		
SUP_SL_62_8-10_111511	2510017020		
SUP_SL_62_10-12_111511	2510017021		
SUP_SL_63_0-1_111511	2510017022		
SUP_SL_63_1-2_111511	2510017023		
SUP_SL_63_2-4_111511	2510017024		
SUP_SL_63_4-6_111511	2510017025		
SUP_SL_63_4-6_111511	2510017026		
SUP_SL_63_8-10_111511	2510017027		
SUP_SL_63_10-12_111511	2510017028		
SUP_SL_63_4-6_111511_D	2510017029		
SUP_SL_64_0-1_111511	2510017031		
SUP_SL_64_1-2_111511	2510017032		
SUP_SL_64_2-4_111511	2510017033		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for NWTPH-Gx and NWTPH-Dx. Methods NWTPH-Gx and NWTPH-Dx did not have a MS/MSD prepared and analyzed. Method 6010 had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_64_4-6_111511	2510017034	94364	Arsenic	-1730/946	75-129	29	20	High/Low	Results not qualified based on criteria 2a.
SUP_SL_64_6-8_111511	2510017035								
SUP_SL_64_8-10_111511	2510017036								
SUP_SL_65_0-1_111511	2510017037								
SUP_SL_65_1-2_111511	2510017038								
SUP_SL_65_2-4_111511	2510017039		Lead	-1700/245	75-125	31	20	High/Low	
SUP_SL_65_4-6_111511	2510017040								
SUP_SL_65_6-8_111511	2510017041								
SUP_SL_65_8-10_111511	2510017042								
SUP_SL_65_8-10_111511_D	2510017043								



SUP_SL_66_0-1_111511	2510017044															
SUP_SL_66_1-2_111511	2510017045															
SUP_SL_66_2-4_111511	2510017046															
SUP_SL_66_4-6_111511	2510017047															
SUP_SL_66_6-8_111511	2510017048															
SUP_SL_66_8-10_111511	2510017049															
SUP_SL_60_0-1_111511	2510017001	94616	Arsenic	35/43	75-125	3	20	Low	Qualified based on criteria 2c.							
SUP_SL_60_1-2_111511	2510017002		Lead	-1040/794	75-125	19	20	High/Low		Results not qualified based on criteria 2a.						
SUP_SL_60_2-4_111511	2510017003															
SUP_SL_60_4-6_111511	2510017004															
SUP_SL_60_6-8_111511	2510017005															
SUP_SL_60_8-10_111511	2510017006															
SUP_SL_60_10-12_111511	2510017007															
SUP_SL_61_0-1_111511	2510017008															
SUP_SL_61_1-2_111511	2510017009															
SUP_SL_61_2-4_111511	2510017010															
SUP_SL_61_4-6_111511	2510017011															
SUP_SL_61_6-8_111511	2510017012															
SUP_SL_61_8-10_111511	2510017013															
SUP_SL_61_10-12_111511	2510017014															
SUP_SL_62_0-1_111511	2510017015															
SUP_SL_62_1-2_111511	2510017016															
SUP_SL_62_2-4_111511	2510017017								94620		Arsenic	533/-141	75-125	8	20	High/Low
SUP_SL_62_4-6_111511	2510017018	Lead									904/-42	75-125	9	20	High/Low	Results not qualified based on criteria 2a.
SUP_SL_62_6-8_111511	2510017019															
SUP_SL_62_8-10_111511	2510017020															
SUP_SL_62_10-12_111511	2510017021															
SUP_SL_63_0-1_111511	2510017022															
SUP_SL_63_1-2_111511	2510017023															
SUP_SL_63_2-4_111511	2510017024															
SUP_SL_63_4-6_111511	2510017025															
SUP_SL_63_6-8_111511	2510017026															
SUP_SL_63_8-10_111511	2510017027															
SUP_SL_63_10-12_111511	2510017028															
SUP_SL_63_4-6_111511_D	2510017029															
SUP_SL_64_0-1_111511	2510017031															
SUP_SL_64_1-2_111511	2510017032															
SUP_SL_64_2-4_111511	2510017033															

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 6010, and one per extraction batch for NWTPH-Gx and NWTPH-Dx.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated



nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_60_0-1_111511 SUP_SL_60_1-2_111511 SUP_SL_60_2-4_111511 SUP_SL_60_4-6_111511 SUP_SL_60_6-8_111511 SUP_SL_60_8-10_111511 SUP_SL_60_10-12_111511	2510017001 2510017002 2510017003 2510017004 2510017005 2510017006 2510017007	94293	Gasoline Range Organics	105	61-98			High	Qualified based on criteria 1a and 1c.
SUP_SL_61_1-2_111511 SUP_SL_61_2-4_111511 SUP_SL_61_4-6_111511 SUP_SL_61_6-8_111511 SUP_SL_61_8-10_111511 SUP_SL_61_10-12_111511 SUP_SL_62_0-1_111511 SUP_SL_62_2-4_111511 SUP_SL_62_4-6_111511 SUP_SL_62_6-8_111511 SUP_SL_62_8-10_111511 SUP_SL_62_10-12_111511 SUP_SL_63_0-1_111511 SUP_SL_63_1-2_111511 SUP_SL_63_6-8_111511 SUP_SL_63_8-10_111511 SUP_SL_63_10-12_111511	2510017009 2510017010 2510017011 2510017012 2510017013 2510017014 2510017015 2510017017 2510017018 2510017019 2510017020 2510017021 2510017022 2510017023 2510017026 2510017027 2510017028	94437	Gasoline Range Organics	121	61-98			High	Qualified based on criteria 1a and 1c.
SUP_SL_61_0-1_111511 SUP_SL_62_1-2_111511 SUP_SL_63_2-4_111511	2510017008 2510017016 2510017024	94468	Gasoline Range Organics	114	61-98			High	Qualified based on criteria 1a



SUP_SL_63_4-6_111511 SUP_SL_63_4-6_111511_D SUP_SL_64_0-1_111511 SUP_SL_64_6-8_111511 SUP_SL_64_8-10_111511	2510017025 2510017029 2510017031 2510017035 2510017036								and 1c.
SUP_SL_65_0-1_111511 SUP_SL_65_4-6_111511 SUP_SL_65_6-8_111511 SUP_SL_65_8-10_111511 SUP_SL_65_8-10_111511_D SUP_SL_66_4-6_111511 SUP_SL_66_6-8_111511 SUP_SL_66_8-10_111511 SUP_SL_67_0-1_111511 SUP_SL_67_1-2_111511 SUP_SL_67_2-4_111511 SUP_SL_67_4-6_111511 SUP_SL_67_6-8_111511 SUP_SL_67_8-10_111511	2510017037 2510017040 2510017041 2510017042 2510017043 2510017047 2510017048 2510017049 2510017051 2510017052 2510017053 2510017054 2510017055 2510017056	94530	Gasoline Range Organics	110	61-98			High	Qualified based on criteria 1a and 1c.
SUP_SL_64_1-2_111511 SUP_SL_64_2-4_111511 SUP_SL_64_4-6_111511 SUP_SL_65_1-2_111511 SUP_SL_65_2-4_111511 SUP_SL_66_0-1_111511 SUP_SL_66_1-2_111511 SUP_SL_66_2-4_111511 SUP_SL_66_4-6_111511 SUP_SL_68_0-1_111511 SUP_SL_68_4-6_111511 SUP_SL_68_6-8_111511 SUP_SL_68_8-10_111511	2510017032 2510017033 2510017034 2510017038 2510017039 2510017044 2510017045 2510017046 2510017057 2510017058 2510017061 2510017062 2510017063	94532	Gasoline Range Organics	112	61-98			High	Qualified based on criteria 1a and 1c.
SUP_SL_68_1-2_111511 SUP_SL_68_2-4_111511 SUP_SL_68_1-2_111511_D	2510017059 2510017060 2510017064	94982	Gasoline Range Organics	115	61-98			High	Qualified based on criteria 1a.
SUP_SL_60_0-1_111511 SUP_SL_60_1-2_111511 SUP_SL_60_2-4_111511 SUP_SL_60_4-6_111511 SUP_SL_60_6-8_111511 SUP_SL_60_8-10_111511 SUP_SL_60_10-12_111511 SUP_SL_61_0-1_111511 SUP_SL_61_1-2_111511 SUP_SL_61_2-4_111511 SUP_SL_61_4-6_111511 SUP_SL_61_6-8_111511 SUP_SL_61_8-10_111511 SUP_SL_61_10-12_111511 SUP_SL_62_0-1_111511 SUP_SL_62_1-2_111511 SUP_SL_62_2-4_111511	2510017001 2510017002 2510017003 2510017004 2510017005 2510017006 2510017007 2510017008 2510017009 2510017010 2510017011 2510017012 2510017013 2510017014 2510017015 2510017016 2510017017	94298	Motor Oil Range	112	61-98			High	Based on the criteria above, results were not qualified.



SUP_SL_62_4-6_111511	2510017018								
SUP_SL_62_6-8_111511	2510017019								
SUP_SL_62_8-10_111511	2510017020								
SUP_SL_65_8-10_111511	2510017042	94374	Motor	104	61-98			High	Based on the criteria above, results were not qualified.
SUP_SL_65_8-10_111511_D	2510017043		Oil Range						
SUP_SL_66_0-1_111511	2510017044		SG						
SUP_SL_66_1-2_111511	2510017045								
SUP_SL_66_2-4_111511	2510017046								
SUP_SL_66_4-6_111511	2510017047								
SUP_SL_66_6-8_111511	2510017048								
SUP_SL_66_8-10_111511	2510017049								
SUP_SL_67_0-1_111511	2510017051								
SUP_SL_67_1-2_111511	2510017052								
SUP_SL_67_2-4_111511	2510017053								
SUP_SL_67_4-6_111511	2510017054								
SUP_SL_67_6-8_111511	2510017055								
SUP_SL_67_8-10_111511	2510017056								
SUP_SL_67_2-4_111511_D	2510017057								
SUP_SL_68_0-1_111511	2510017058								
SUP_SL_68_1-2_111511	2510017059								
SUP_SL_68_2-4_111511	2510017060								
SUP_SL_68_4-6_111511	2510017061								
SUP_SL_68_6-8_111511	2510017062								
SUP_SL_68_8-10_111511	2510017063	94400	Motor	112	61-98			High	Based on the criteria above, results were not qualified.
SUP_SL_68_1-2_111511_D	2510017064		Oil Range						

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were prepared and analyzed at the required frequency. Sample SUP_SL_63_4-6_111511_D (2510017029), sample SUP_SL_65_8-10_111511_D (2510017043), sample SUP_SL_67_2-4_111511_D (2510017057), and sample SUP_SL_68_1-2_111511_D (2510017064) were collected as field duplicates.

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_SL_63_4-6_111511_D (Lab ID - 2510017029)	SUP_SL_63_4-6_111511 (Lab ID - 2510017025)		
Diesel Range SG	13.2 J	15.9 J	mg/kg	19
Motor Oil Range	<34.5	41.7 J	mg/kg	19
Gasoline Range Organics	3.9 J	3.4 J	mg/kg	14
Arsenic	2810	3360	mg/kg	18



Cadmium	7.2 J	8.1 J	mg/kg	12
Lead	3930	3830	mg/kg	3
Analyte	Results		Units	RPD
	SUP_SL_67_2-4_111511_D (Lab ID - 2510017057)	SUP_SL_67_2-4_111511 (Lab ID - 2510017053)		
Diesel Range SG	34.0	169	mg/kg	133
Motor Oil Range	50.6 J	513	mg/kg	164
Arsenic	1.3 J	<6.9	mg/kg	137
Lead	15.9	11.8 J	mg/kg	30
Analyte	Results		Units	RPD
	SUP_SL_68_1-2_111511_D (Lab ID - 2510017064)	SUP_SL_68_1-2_111511 (Lab ID - 2510017059)		
Diesel Range Organics	7820	6880	mg/kg	13
Motor Oil Range	9920	8630	mg/kg	14
Gasoline Range Organics	247	306	mg/kg	21
Arsenic	1510	1820	mg/kg	19
Cadmium	7.5 J	8.4 J	mg/kg	11
Lead	3240	3020	mg/kg	7
Analyte	Results		Units	RPD
	SUP_SL_65_8-10_111511_D (Lab ID - 2510017043)	SUP_SL_65_8-10_111511 (Lab ID - 2510017042)		
Arsenic	13.3	16.3	mg/kg	20
Lead	10.4	10.9	mg/kg	5

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

On the chain-of-custody sample SUP_SL_65_2-4_111511 (2510017046) was mislabeled. The lab corrected the field ID to SUP_SL_66_2-4_111511. Additionally on the chain-of-custody it was requested to run the trip blanks (Trip Blank #1 [2510017030] and Trip Blank 2 [2510017050]) for method NWTPH-Gx, NWTPH-Dx and 6010, however only NWTPH-Gx was run per the SAP & QAPP. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were not used. The temperature of the delivery coolers were recorded at 7.0 and 8.8 °C and exceeded the required temperature range. Since the samples were delivered on ice the same day of collection no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Due to high recoveries in the surrogates, the detected results for gasoline range organics were flagged as estimated (J) and nondetected results were not flagged in samples SUP_SL_60_0-1_111511 (2510017001), SUP_SL_60_1-2_111511 (2510017002), SUP_SL_60_2-4_111511 (2510017003), SUP_SL_60_4-6_111511 (2510017004), SUP_SL_61_1-2_111511 (2510017009), SUP_SL_61_2-4_111511 (2510017010), SUP_SL_61_4-6_111511 (2510017011), SUP_SL_62_0-1_111511 (2510017015), SUP_SL_64_1-2_111511 (2510017032), SUP_SL_64_4-6_111511 (2510017034), SUP_SL_65_1-2_111511 (2510017038), and SUP_SL_66_1-2_111511 (2510017045). The lab confirmed the matrix interference with re-analysis but did not re-extract the sample.

Due to high recoveries in the surrogates, the detected results for gasoline range organics were flagged as estimated (J) in samples SUP_SL_68_2-4_111511 (2510017060) and SUP_SL_68_1-2_111511_D (2510017064). The lab did not confirm the matrix interference with re-analysis.



Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- One hundred thirty-seven (137) sample results were qualified (see Attachment 1).
- Forty-nine detected sample results were qualified as estimated (J) due to LCS/LCSD recoveries that exceeded control limits, surrogate recoveries that exceeded control limits, or MS/MSD recoveries that exceeded control limits.
- Twenty-nine nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits.
- Fifty-seven detected sample results were qualified (B) and two detected sample results were qualified as nondetected (UB) due to method blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2510017

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_60_0-1_111511	2510017001	EPA 6010	Soil	Arsenic	10.0	43.8	mg/kg	J	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_60_0-1_111511	2510017001	EPA 6010	Soil	Lead	2.1	2300	mg/kg		B	Method Blank Contamination
SUP_SL_60_0-1_111511	2510017001	NWTPH-Gx	Soil	Gasoline Range Organics	4.0	13.9	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_60_1-2_111511	2510017002	EPA 6010	Soil	Arsenic	9.4	29.5	mg/kg	J	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_60_1-2_111511	2510017002	EPA 6010	Soil	Lead	2.0	1860	mg/kg		B	Method Blank Contamination
SUP_SL_60_1-2_111511	2510017002	NWTPH-Gx	Soil	Gasoline Range Organics	3.9	27.1	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_60_2-4_111511	2510017003	EPA 6010	Soil	Arsenic	10.7	161	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_60_2-4_111511	2510017003	EPA 6010	Soil	Lead	2.3	3320	mg/kg		B	Method Blank Contamination
SUP_SL_60_2-4_111511	2510017003	NWTPH-Gx	Soil	Gasoline Range Organics	4.3	59.0	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_60_4-6_111511	2510017004	EPA 6010	Soil	Arsenic	2.1	1380	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_60_4-6_111511	2510017004	EPA 6010	Soil	Lead	0.45	409	mg/kg		B	Method Blank Contamination
SUP_SL_60_4-6_111511	2510017004	NWTPH-Gx	Soil	Gasoline Range Organics	5.0	106	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_60_6-8_111511	2510017005	EPA 6010	Soil	Arsenic	0.94	49.7	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_60_6-8_111511	2510017005	EPA 6010	Soil	Lead	0.10	7.2	mg/kg		UB	Method Blank Contamination
SUP_SL_60_6-8_111511	2510017005	NWTPH-Gx	Soil	Gasoline Range Organics	6.5	6.5	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_60_8-10_111511	2510017006	EPA 6010	Soil	Arsenic	2.2	6.7	mg/kg	J	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_60_8-10_111511	2510017006	EPA 6010	Soil	Lead	0.091	5.7	mg/kg		UB	Method Blank Contamination
SUP_SL_60_8-10_111511	2510017006	NWTPH-Gx	Soil	Gasoline Range Organics	6.0	6.0	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_60_10-12_111511	2510017007	EPA 6010	Soil	Arsenic	1.4	293	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_60_10-12_111511	2510017007	EPA 6010	Soil	Lead	0.30	85.2	mg/kg		B	Method Blank Contamination
SUP_SL_60_10-12_111511	2510017007	NWTPH-Gx	Soil	Gasoline Range Organics	4.0	4.0	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_61_0-1_111511	2510017008	EPA 6010	Soil	Arsenic	4.2	480	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_61_0-1_111511	2510017008	EPA 6010	Soil	Lead	0.89	1640	mg/kg		B	Method Blank Contamination
SUP_SL_61_0-1_111511	2510017008	NWTPH-Gx	Soil	Gasoline Range Organics	4.7	22.6	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_61_1-2_111511	2510017009	EPA 6010	Soil	Arsenic	7.6	36.8	mg/kg	J	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_61_1-2_111511	2510017009	EPA 6010	Soil	Lead	1.6	2140	mg/kg		B	Method Blank Contamination
SUP_SL_61_1-2_111511	2510017009	NWTPH-Gx	Soil	Gasoline Range Organics	4.4	24.3	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_61_2-4_111511	2510017010	EPA 6010	Soil	Arsenic	7.1	33.5	mg/kg	J	J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_61_2-4_111511	2510017010	EPA 6010	Soil	Lead	1.5	1510	mg/kg		B	Method Blank Contamination
SUP_SL_61_2-4_111511	2510017010	NWTPH-Gx	Soil	Gasoline Range Organics	3.8	36.0	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_61_4-6_111511	2510017011	EPA 6010	Soil	Arsenic	3.5	457	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_61_4-6_111511	2510017011	EPA 6010	Soil	Lead	0.74	1090	mg/kg		B	Method Blank Contamination
SUP_SL_61_4-6_111511	2510017011	NWTPH-Gx	Soil	Gasoline Range Organics	3.3	67.7	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_61_6-8_111511	2510017012	EPA 6010	Soil	Arsenic	2.1	602	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_61_6-8_111511	2510017012	EPA 6010	Soil	Lead	0.44	1460	mg/kg		B	Method Blank Contamination
SUP_SL_61_6-8_111511	2510017012	NWTPH-Gx	Soil	Gasoline Range Organics	5.0	6.3	mg/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_61_8-10_111511	2510017013	EPA 6010	Soil	Arsenic	1.6	838	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_61_8-10_111511	2510017013	EPA 6010	Soil	Lead	0.34	190	mg/kg		B	Method Blank Contamination
SUP_SL_61_8-10_111511	2510017013	NWTPH-Gx	Soil	Gasoline Range Organics	4.5	4.5	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_61_10-12_111511	2510017014	EPA 6010	Soil	Arsenic	1.5	171	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_61_10-12_111511	2510017014	EPA 6010	Soil	Lead	0.32	578	mg/kg		B	Method Blank Contamination
SUP_SL_61_10-12_111511	2510017014	NWTPH-Gx	Soil	Gasoline Range Organics	4.5	4.6	mg/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_62_0-1_111511	2510017015	EPA 6010	Soil	Arsenic	7.9	929	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_62_0-1_111511	2510017015	EPA 6010	Soil	Lead	1.7	2110	mg/kg		B	Method Blank Contamination
SUP_SL_62_0-1_111511	2510017015	NWTPH-Gx	Soil	Gasoline Range Organics	2.8	138	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_62_1-2_111511	2510017016	EPA 6010	Soil	Arsenic	12.6	3670	mg/kg		J	MS/MSD Recoveries Exceed Control Limits
SUP_SL_62_1-2_111511	2510017016	EPA 6010	Soil	Lead	1.3	4070	mg/kg		B	Method Blank Contamination
SUP_SL_62_1-2_111511	2510017016	NWTPH-Gx	Soil	Gasoline Range Organics	2.5	2.5	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_62_2-4_111511	2510017017	EPA 6010	Soil	Arsenic	7.4	1650	mg/kg		B	Method Blank Contamination
SUP_SL_62_2-4_111511	2510017017	EPA 6010	Soil	Lead	1.6	1940	mg/kg		B	Method Blank Contamination
SUP_SL_62_2-4_111511	2510017017	NWTPH-Gx	Soil	Gasoline Range Organics	2.4	2.4	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_62_4-6_111511	2510017018	EPA 6010	Soil	Arsenic	1.6	263	mg/kg		B	Method Blank Contamination
SUP_SL_62_4-6_111511	2510017018	EPA 6010	Soil	Lead	0.066	168	mg/kg		B	Method Blank Contamination
SUP_SL_62_4-6_111511	2510017018	NWTPH-Gx	Soil	Gasoline Range Organics	3.4	3.4	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_62_6-8_111511	2510017019	EPA 6010	Soil	Arsenic	0.90	72.9	mg/kg		B	Method Blank Contamination
SUP_SL_62_6-8_111511	2510017019	EPA 6010	Soil	Lead	0.095	18.7	mg/kg		B	Method Blank Contamination
SUP_SL_62_6-8_111511	2510017019	NWTPH-Gx	Soil	Gasoline Range Organics	6.1	6.1	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_62_8-10_111511	2510017020	EPA 6010	Soil	Arsenic	1.9	6.4	mg/kg	J	B	Method Blank Contamination
SUP_SL_62_8-10_111511	2510017020	EPA 6010	Soil	Lead	0.080	5.8	mg/kg		B	Method Blank Contamination
SUP_SL_62_8-10_111511	2510017020	NWTPH-Gx	Soil	Gasoline Range Organics	6.4	6.4	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_62_10-12_111511	2510017021	EPA 6010	Soil	Arsenic	3.4	1410	mg/kg		B	Method Blank Contamination
SUP_SL_62_10-12_111511	2510017021	EPA 6010	Soil	Lead	0.71	2000	mg/kg		B	Method Blank Contamination
SUP_SL_62_10-12_111511	2510017021	NWTPH-Gx	Soil	Gasoline Range Organics	3.8	3.8	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_63_0-1_111511	2510017022	EPA 6010	Soil	Arsenic	8.9	421	mg/kg		B	Method Blank Contamination
SUP_SL_63_0-1_111511	2510017022	EPA 6010	Soil	Lead	1.9	1880	mg/kg		B	Method Blank Contamination
SUP_SL_63_0-1_111511	2510017022	NWTPH-Gx	Soil	Gasoline Range Organics	3.5	28.6	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_63_1-2_111511	2510017023	EPA 6010	Soil	Arsenic	7.0	2610	mg/kg		B	Method Blank Contamination



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2510017

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_63_1-2_111511	2510017023	EPA 6010	Soil	Lead	1.5	3720	mg/kg		B	Method Blank Contamination
SUP_SL_63_1-2_111511	2510017023	NWTPH-Gx	Soil	Gasoline Range Organics	2.0	18.0	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_63_2-4_111511	2510017024	EPA 6010	Soil	Arsenic	6.8	2810	mg/kg		B	Method Blank Contamination
SUP_SL_63_2-4_111511	2510017024	EPA 6010	Soil	Lead	1.4	4080	mg/kg		B	Method Blank Contamination
SUP_SL_63_2-4_111511	2510017024	NWTPH-Gx	Soil	Gasoline Range Organics	2.2	2.7	mg/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_63_4-6_111511	2510017025	EPA 6010	Soil	Arsenic	11.5	3360	mg/kg		B	Method Blank Contamination
SUP_SL_63_4-6_111511	2510017025	EPA 6010	Soil	Lead	1.2	3830	mg/kg		B	Method Blank Contamination
SUP_SL_63_4-6_111511	2510017025	NWTPH-Gx	Soil	Gasoline Range Organics	2.0	3.4	mg/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_63_6-8_111511	2510017026	EPA 6010	Soil	Arsenic	1.8	178	mg/kg		B	Method Blank Contamination
SUP_SL_63_6-8_111511	2510017026	EPA 6010	Soil	Lead	0.077	100	mg/kg		B	Method Blank Contamination
SUP_SL_63_6-8_111511	2510017026	NWTPH-Gx	Soil	Gasoline Range Organics	5.2	5.2	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_63_8-10_111511	2510017027	EPA 6010	Soil	Arsenic	1.6	13.4	mg/kg		B	Method Blank Contamination
SUP_SL_63_8-10_111511	2510017027	EPA 6010	Soil	Lead	0.067	3.9	mg/kg		B	Method Blank Contamination
SUP_SL_63_8-10_111511	2510017027	NWTPH-Gx	Soil	Gasoline Range Organics	4.2	4.2	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_63_10-12_111511	2510017028	EPA 6010	Soil	Arsenic	1.6	255	mg/kg		B	Method Blank Contamination
SUP_SL_63_10-12_111511	2510017028	EPA 6010	Soil	Lead	0.069	258	mg/kg		B	Method Blank Contamination
SUP_SL_63_10-12_111511	2510017028	NWTPH-Gx	Soil	Gasoline Range Organics	3.7	3.7	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_63_4-6_111511_D	2510017029	EPA 6010	Soil	Arsenic	7.2	2810	mg/kg		B	Method Blank Contamination
SUP_SL_63_4-6_111511_D	2510017029	EPA 6010	Soil	Lead	1.5	3930	mg/kg		B	Method Blank Contamination
SUP_SL_63_4-6_111511_D	2510017029	NWTPH-Gx	Soil	Gasoline Range Organics	2.1	3.9	mg/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_64_0-1_111511	2510017031	EPA 6010	Soil	Arsenic	3.5	1240	mg/kg		B	Method Blank Contamination
SUP_SL_64_0-1_111511	2510017031	EPA 6010	Soil	Lead	0.75	1680	mg/kg		B	Method Blank Contamination
SUP_SL_64_0-1_111511	2510017031	NWTPH-Gx	Soil	Gasoline Range Organics	3.5	7.9	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_64_1-2_111511	2510017032	EPA 6010	Soil	Arsenic	14.9	5310	mg/kg		B	Method Blank Contamination
SUP_SL_64_1-2_111511	2510017032	EPA 6010	Soil	Lead	1.6	4330	mg/kg		B	Method Blank Contamination
SUP_SL_64_1-2_111511	2510017032	NWTPH-Gx	Soil	Gasoline Range Organics	4.3	228	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_64_2-4_111511	2510017033	EPA 6010	Soil	Arsenic	14.4	11100	mg/kg		B	Method Blank Contamination
SUP_SL_64_2-4_111511	2510017033	EPA 6010	Soil	Lead	1.5	3320	mg/kg		B	Method Blank Contamination
SUP_SL_64_2-4_111511	2510017033	NWTPH-Gx	Soil	Gasoline Range Organics	2.7	5.6	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_64_4-6_111511	2510017034	EPA 6010	Soil	Cadmium	0.33	6.1	mg/kg	J	B	Method Blank Contamination
SUP_SL_64_4-6_111511	2510017034	NWTPH-Gx	Soil	Gasoline Range Organics	3.0	124	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_64_6-8_111511	2510017035	EPA 6010	Soil	Cadmium	0.079	3.0	mg/kg		B	Method Blank Contamination
SUP_SL_64_6-8_111511	2510017035	NWTPH-Gx	Soil	Gasoline Range Organics	5.6	7.9	mg/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_64_8-10_111511	2510017036	NWTPH-Gx	Soil	Gasoline Range Organics	6.4	6.4	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_65_0-1_111511	2510017037	EPA 6010	Soil	Cadmium	0.12	2.6	mg/kg	J	B	Method Blank Contamination
SUP_SL_65_0-1_111511	2510017037	NWTPH-Gx	Soil	Gasoline Range Organics	2.9	4.1	mg/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_65_1-2_111511	2510017038	EPA 6010	Soil	Cadmium	0.27	1.0	mg/kg	J	B	Method Blank Contamination
SUP_SL_65_1-2_111511	2510017038	NWTPH-Gx	Soil	Gasoline Range Organics	3.3	162	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_65_2-4_111511	2510017039	EPA 6010	Soil	Cadmium	0.50	8.8	mg/kg	J	B	Method Blank Contamination
SUP_SL_65_2-4_111511	2510017039	NWTPH-Gx	Soil	Gasoline Range Organics	2.1	10.4	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_65_4-6_111511	2510017040	EPA 6010	Soil	Cadmium	0.51	5.2	mg/kg	J	B	Method Blank Contamination
SUP_SL_65_4-6_111511	2510017040	NWTPH-Gx	Soil	Gasoline Range Organics	2.6	4.7	mg/kg	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_65_6-8_111511	2510017041	EPA 6010	Soil	Cadmium	0.081	0.37	mg/kg	J	B	Method Blank Contamination
SUP_SL_65_6-8_111511	2510017041	NWTPH-Gx	Soil	Gasoline Range Organics	5.0	5.0	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_65_8-10_111511	2510017042	NWTPH-Gx	Soil	Gasoline Range Organics	6.3	6.3	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_65_8-10_111511_D	2510017043	NWTPH-Gx	Soil	Gasoline Range Organics	5.7	5.7	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_66_0-1_111511	2510017044	EPA 6010	Soil	Cadmium	0.29	10.6	mg/kg		B	Method Blank Contamination
SUP_SL_66_0-1_111511	2510017044	NWTPH-Gx	Soil	Gasoline Range Organics	2.5	12.3	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_66_1-2_111511	2510017045	EPA 6010	Soil	Cadmium	0.25	43.0	mg/kg		B	Method Blank Contamination
SUP_SL_66_1-2_111511	2510017045	NWTPH-Gx	Soil	Gasoline Range Organics	3.4	116	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_66_2-4_111511	2510017046	EPA 6010	Soil	Cadmium	0.30	103	mg/kg		B	Method Blank Contamination
SUP_SL_66_2-4_111511	2510017046	NWTPH-Gx	Soil	Gasoline Range Organics	2.6	6.4	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_66_4-6_111511	2510017047	EPA 6010	Soil	Cadmium	0.23	62.1	mg/kg		B	Method Blank Contamination
SUP_SL_66_4-6_111511	2510017047	NWTPH-Gx	Soil	Gasoline Range Organics	3.0	3.0	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_66_6-8_111511	2510017048	NWTPH-Gx	Soil	Gasoline Range Organics	6.0	6.0	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_66_8-10_111511	2510017049	NWTPH-Gx	Soil	Gasoline Range Organics	6.2	6.2	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_67_0-1_111511	2510017051	NWTPH-Gx	Soil	Gasoline Range Organics	3.4	3.4	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_67_1-2_111511	2510017052	NWTPH-Gx	Soil	Gasoline Range Organics	3.7	3.7	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_67_2-4_111511	2510017053	NWTPH-Gx	Soil	Gasoline Range Organics	3.3	3.3	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_67_4-6_111511	2510017054	NWTPH-Gx	Soil	Gasoline Range Organics	4.0	4.0	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_67_6-8_111511	2510017055	NWTPH-Gx	Soil	Gasoline Range Organics	3.7	3.7	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_67_8-10_111511	2510017056	NWTPH-Gx	Soil	Gasoline Range Organics	4.8	4.8	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_67_2-4_111511_D	2510017057	NWTPH-Gx	Soil	Gasoline Range Organics	3.1	3.1	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_68_0-1_111511	2510017058	NWTPH-Gx	Soil	Gasoline Range Organics	3.6	26.1	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_68_1-2_111511	2510017059	NWTPH-Gx	Soil	Gasoline Range Organics	14.7	306	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_68_2-4_111511	2510017060	NWTPH-Gx	Soil	Gasoline Range Organics	2.7	208	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_68_4-6_111511	2510017061	NWTPH-Gx	Soil	Gasoline Range Organics	2.7	19.0	mg/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_68_6-8_111511	2510017062	NWTPH-Gx	Soil	Gasoline Range Organics	3.7	3.7	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_68_8-10_111511	2510017063	NWTPH-Gx	Soil	Gasoline Range Organics	5.5	5.5	mg/kg	U	UJ	LCS/LCSD Recoveries Exceed Control Limits



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2510017

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Lab Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_68_1-2_111511_D	2510017064	NWTPH-Gx	Soil	Gasoline Range Organics	3.3	247	mg/kg		J	Surrogate Recoveries Exceed Control Limits; LCS/LCSD Recoveries Exceed Control Limits



Pace Analytical Services, Inc
940 South Harney St
Seattle, WA 98108
206-767-5060

January 9, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE
Suite A
Lacey, WA 98503

RE: Listing of Associated Lab Samples in Quality Control Data Section

Dear Mr. Munson:

I am writing to you in response to the listing of associated lab samples in the quality control data header section of our report(s).

It was brought to our attention that in our QC Batch header for Method 6010 we were missing samples that should be listed. Upon further investigation by our Corporate IT Department, it was determined this was an issue relating to source data queries and has been corrected.

The Associated Lab Samples between these two sections should be the same. Please place a copy of this letter with each report for documentation purposes.

I apologize for any confusion or inconvenience this may have caused. If you have additional questions or concerns, please feel free to contact me at the address/number listed above.

Pace Analytical Services, Inc.

A handwritten signature in black ink, appearing to read "Ron Boquist", written in a cursive style.

Ronald J. Boquist
General Manager

March 14, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Western Area
Pace Project No.: 2510017

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mariah Peronto for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Western Area

Pace Project No.: 2510017

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE ANALYTE COUNT

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2510017001	SUP_SL_60_0-1_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017002	SUP_SL_60_1-2_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017003	SUP_SL_60_2-4_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017004	SUP_SL_60_4-6_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017005	SUP_SL_60_6-8_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017006	SUP_SL_60_8-10_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017007	SUP_SL_60_10-12_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017008	SUP_SL_61_0-1_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017009	SUP_SL_61_1-2_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017010	SUP_SL_61_2-4_111511	NWTPH-Dx	AY1	4	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2510017011	SUP_SL_61_4-6_111511	NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017012	SUP_SL_61_6-8_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
2510017013	SUP_SL_61_8-10_111511	NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017014	SUP_SL_61_10-12_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
2510017015	SUP_SL_62_0-1_111511	NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017016	SUP_SL_62_1-2_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
2510017017	SUP_SL_62_2-4_111511	NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017018	SUP_SL_62_4-6_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
2510017019	SUP_SL_62_6-8_111511	NWTPH-Gx	LPM	3	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2510017020	SUP_SL_62_8-10_111511	EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
2510017021	SUP_SL_62_10-12_111511	EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
2510017022	SUP_SL_63_0-1_111511	EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
2510017023	SUP_SL_63_1-2_111511	EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
2510017024	SUP_SL_63_2-4_111511	EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
2510017025	SUP_SL_63_4-6_111511	EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
2510017026	SUP_SL_63_6-8_111511	EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
2510017027	SUP_SL_63_8-10_111511	EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
2510017028	SUP_SL_63_10-12_111511	EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2510017029	SUP_SL_63_4-6_111511_D	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017030	Trip Blank #1	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		2510017031	SUP_SL_64_0-1_111511	NWTPH-Dx	AY1
NWTPH-Gx	LPM			3	PASI-S
EPA 6010	BGA			3	PASI-S
2510017032	SUP_SL_64_1-2_111511			ASTM D2974-87	CMM
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017033	SUP_SL_64_2-4_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017034	SUP_SL_64_4-6_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017035	SUP_SL_64_6-8_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017036	SUP_SL_64_8-10_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017037	SUP_SL_65_0-1_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017038	SUP_SL_65_1-2_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2510017039	SUP_SL_65_2-4_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017040	SUP_SL_65_4-6_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017041	SUP_SL_65_6-8_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017042	SUP_SL_65_8-10_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017043	SUP_SL_65_8-10_111511_D	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017044	SUP_SL_66_0-1_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017045	SUP_SL_66_1-2_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017046	SUP_SL_66_2-4_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
2510017047	SUP_SL_66_4-6_111511	ASTM D2974-87	CMM	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2510017048	SUP_SL_66_6-8_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017049	SUP_SL_66_8-10_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017050	Trip Blank #2	NWTPH-Gx	LPM	3	PASI-S
2510017051	SUP_SL_67_0-1_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017052	SUP_SL_67_1-2_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017053	SUP_SL_67_2-4_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017054	SUP_SL_67_4-6_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017055	SUP_SL_67_6-8_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017056	SUP_SL_67_8-10_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017057	SUP_SL_67_2-4_111511_D	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2510017058	SUP_SL_68_0-1_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017059	SUP_SL_68_1-2_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017060	SUP_SL_68_2-4_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017061	SUP_SL_68_4-6_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017062	SUP_SL_68_6-8_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017063	SUP_SL_68_8-10_111511	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S
2510017064	SUP_SL_68_1-2_111511_D	NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		ASTM D2974-87	CMM	1	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_60_0-1_111511 **Lab ID:** 2510017001 Collected: 11/15/11 09:05 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	1590 mg/kg		21.1	1	11/16/11 09:30	11/16/11 22:51		
Motor Oil Range SG	5980 mg/kg		842	10	11/16/11 09:30	11/17/11 12:58	64742-65-0	
Surrogates								
n-Octacosane (S) SG	116 %		50-150	10	11/16/11 09:30	11/17/11 12:58	630-02-4	
o-Terphenyl (S) SG	89 %		50-150	1	11/16/11 09:30	11/16/11 22:51	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	13.9 mg/kg		8.0	1	11/16/11 14:56	11/16/11 17:46		
Surrogates								
a,a,a-Trifluorotoluene (S)	137 %		50-150	1	11/16/11 14:56	11/16/11 17:46	98-08-8	
4-Bromofluorobenzene (S)	157 %		50-150	1	11/16/11 14:56	11/16/11 17:46	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	ND mg/kg		67.1	25	11/18/11 10:28	11/21/11 12:32	7440-38-2	
Cadmium	ND mg/kg		13.4	25	11/18/11 10:28	11/21/11 12:32	7440-43-9	D3
Lead	2300 mg/kg		33.6	25	11/18/11 10:28	11/21/11 12:32	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	27.7 %		0.10	1		11/16/11 16:26		

Sample: SUP_SL_60_1-2_111511 **Lab ID:** 2510017002 Collected: 11/15/11 09:10 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	2790 mg/kg		21.4	1	11/16/11 09:30	11/17/11 00:00		
Motor Oil Range SG	6700 mg/kg		856	10	11/16/11 09:30	11/17/11 13:32	64742-65-0	
Surrogates								
n-Octacosane (S) SG	132 %		50-150	10	11/16/11 09:30	11/17/11 13:32	630-02-4	
o-Terphenyl (S) SG	90 %		50-150	1	11/16/11 09:30	11/17/11 00:00	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	27.1 mg/kg		7.8	1	11/16/11 14:56	11/16/11 17:22		
Surrogates								
a,a,a-Trifluorotoluene (S)	123 %		50-150	1	11/16/11 14:56	11/16/11 17:22	98-08-8	
4-Bromofluorobenzene (S)	152 %		50-150	1	11/16/11 14:56	11/16/11 17:22	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	ND mg/kg		63.1	25	11/18/11 10:28	11/21/11 12:42	7440-38-2	
Cadmium	ND mg/kg		12.6	25	11/18/11 10:28	11/21/11 12:42	7440-43-9	D3
Lead	1860 mg/kg		31.5	25	11/18/11 10:28	11/21/11 12:42	7439-92-1	D4

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_60_1-2_111511 **Lab ID: 2510017002** Collected: 11/15/11 09:10 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	27.3 %		0.10	1		11/16/11 16:27		

Sample: SUP_SL_60_2-4_111511 **Lab ID: 2510017003** Collected: 11/15/11 09:15 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	3200 mg/kg		23.2	1	11/16/11 09:30	11/17/11 01:26		
Motor Oil Range SG	7630 mg/kg		929	10	11/16/11 09:30	11/17/11 14:24	64742-65-0	
Surrogates								
n-Octacosane (S) SG	118 %		50-150	10	11/16/11 09:30	11/17/11 14:24	630-02-4	
o-Terphenyl (S) SG	87 %		50-150	1	11/16/11 09:30	11/17/11 01:26	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	59.0 mg/kg		8.6	1	11/16/11 14:56	11/16/11 16:58		
Surrogates								
a,a,a-Trifluorotoluene (S)	114 %		50-150	1	11/16/11 14:56	11/16/11 16:58	98-08-8	
4-Bromofluorobenzene (S)	159 %		50-150	1	11/16/11 14:56	11/16/11 16:58	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	161 mg/kg		72.1	25	11/18/11 10:28	11/21/11 12:46	7440-38-2	
Cadmium	ND mg/kg		14.4	25	11/18/11 10:28	11/21/11 12:46	7440-43-9	D3
Lead	3320 mg/kg		36.0	25	11/18/11 10:28	11/21/11 12:46	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	32.7 %		0.10	1		11/16/11 16:28		

Sample: SUP_SL_60_4-6_111511 **Lab ID: 2510017004** Collected: 11/15/11 09:20 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	457 mg/kg		24.6	1	11/16/11 09:30	11/16/11 22:33		
Motor Oil Range SG	2550 mg/kg		98.3	1	11/16/11 09:30	11/16/11 22:33	64742-65-0	
Surrogates								
n-Octacosane (S) SG	113 %		50-150	1	11/16/11 09:30	11/16/11 22:33	630-02-4	
o-Terphenyl (S) SG	92 %		50-150	1	11/16/11 09:30	11/16/11 22:33	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	106 mg/kg		9.9	1	11/16/11 14:56	11/16/11 18:34		
Surrogates								
a,a,a-Trifluorotoluene (S)	143 %		50-150	1	11/16/11 14:56	11/16/11 18:34	98-08-8	

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_60_4-6_111511 **Lab ID:** 2510017004 Collected: 11/15/11 09:20 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	183 %		50-150	1	11/16/11 14:56	11/16/11 18:34	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1380 mg/kg		14.3	5	11/18/11 10:28	11/21/11 18:09	7440-38-2	
Cadmium	3.6 mg/kg		2.9	5	11/18/11 10:28	11/21/11 18:09	7440-43-9	D3
Lead	409 mg/kg		7.2	5	11/18/11 10:28	11/22/11 10:43	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	36.4 %		0.10	1		11/16/11 16:29		

Sample: SUP_SL_60_6-8_111511 **Lab ID:** 2510017005 Collected: 11/15/11 09:25 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		25.7	1	11/16/11 09:30	11/16/11 18:15		
Motor Oil Range SG	ND mg/kg		103	1	11/16/11 09:30	11/16/11 18:15	64742-65-0	
Surrogates								
n-Octacosane (S) SG	95 %		50-150	1	11/16/11 09:30	11/16/11 18:15	630-02-4	
o-Terphenyl (S) SG	83 %		50-150	1	11/16/11 09:30	11/16/11 18:15	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		13.1	1	11/16/11 14:56	11/16/11 18:58		
Surrogates								
a,a,a-Trifluorotoluene (S)	105 %		50-150	1	11/16/11 14:56	11/16/11 18:58	98-08-8	
4-Bromofluorobenzene (S)	132 %		50-150	1	11/16/11 14:56	11/16/11 18:58	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	49.7 mg/kg		6.3	2	11/18/11 10:28	11/21/11 18:13	7440-38-2	
Cadmium	ND mg/kg		1.3	2	11/18/11 10:28	11/21/11 18:13	7440-43-9	D3
Lead	7.2 mg/kg		1.6	1	11/18/11 10:28	11/22/11 12:42	7439-92-1	B+
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	40.9 %		0.10	1		11/16/11 16:30		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_60_8-10_111511 Lab ID: 2510017006 Collected: 11/15/11 09:30 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	26.4	1	11/16/11 09:30	11/16/11 18:32		
Motor Oil Range SG	ND	mg/kg	105	1	11/16/11 09:30	11/16/11 18:32	64742-65-0	
Surrogates								
n-Octacosane (S) SG	110	%	50-150	1	11/16/11 09:30	11/16/11 18:32	630-02-4	
o-Terphenyl (S) SG	96	%	50-150	1	11/16/11 09:30	11/16/11 18:32	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	12.0	1	11/16/11 14:56	11/16/11 19:22		
Surrogates								
a,a,a-Trifluorotoluene (S)	104	%	50-150	1	11/16/11 14:56	11/16/11 19:22	98-08-8	
4-Bromofluorobenzene (S)	134	%	50-150	1	11/16/11 14:56	11/16/11 19:22	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	ND	mg/kg	14.5	5	11/18/11 10:28	11/21/11 18:16	7440-38-2	
Cadmium	ND	mg/kg	2.9	5	11/18/11 10:28	11/21/11 18:16	7440-43-9	D3
Lead	5.7	mg/kg	1.5	1	11/18/11 10:28	11/22/11 12:45	7439-92-1	B+
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	41.1	%	0.10	1		11/16/11 16:31		

Sample: SUP_SL_60_10-12_111511 Lab ID: 2510017007 Collected: 11/15/11 09:35 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	20.4	1	11/16/11 09:30	11/16/11 18:49		
Motor Oil Range SG	ND	mg/kg	81.5	1	11/16/11 09:30	11/16/11 18:49	64742-65-0	
Surrogates								
n-Octacosane (S) SG	96	%	50-150	1	11/16/11 09:30	11/16/11 18:49	630-02-4	
o-Terphenyl (S) SG	83	%	50-150	1	11/16/11 09:30	11/16/11 18:49	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	7.9	1	11/16/11 14:56	11/16/11 19:46		
Surrogates								
a,a,a-Trifluorotoluene (S)	103	%	50-150	1	11/16/11 14:56	11/16/11 19:46	98-08-8	
4-Bromofluorobenzene (S)	131	%	50-150	1	11/16/11 14:56	11/16/11 19:46	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	293	mg/kg	9.4	5	11/18/11 10:28	11/21/11 18:20	7440-38-2	
Cadmium	ND	mg/kg	1.9	5	11/18/11 10:28	11/21/11 18:20	7440-43-9	D3
Lead	85.2	mg/kg	4.7	5	11/18/11 10:28	11/22/11 10:50	7439-92-1	

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_60_10-12_111511 **Lab ID:** 2510017007 Collected: 11/15/11 09:35 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	24.4 %		0.10	1		11/16/11 16:32		

Sample: SUP_SL_61_0-1_111511 **Lab ID:** 2510017008 Collected: 11/15/11 08:30 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	2790 mg/kg		23.0	1	11/16/11 09:30	11/17/11 00:17		
Motor Oil Range SG	5370 mg/kg		92.1	1	11/16/11 09:30	11/17/11 00:17	64742-65-0	
Surrogates								
n-Octacosane (S) SG	126 %		50-150	1	11/16/11 09:30	11/17/11 00:17	630-02-4	
o-Terphenyl (S) SG	90 %		50-150	1	11/16/11 09:30	11/17/11 00:17	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	22.6 mg/kg		9.5	1	11/16/11 14:56	11/17/11 13:26		
Surrogates								
a,a,a-Trifluorotoluene (S)	112 %		50-150	1	11/16/11 14:56	11/17/11 13:26	98-08-8	
4-Bromofluorobenzene (S)	150 %		50-150	1	11/16/11 14:56	11/17/11 13:26	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	480 mg/kg		28.4	10	11/18/11 10:28	11/21/11 18:23	7440-38-2	
Cadmium	ND mg/kg		5.7	10	11/18/11 10:28	11/21/11 18:23	7440-43-9	D3
Lead	1640 mg/kg		14.2	10	11/18/11 10:28	11/22/11 10:54	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	33.6 %		0.10	1		11/16/11 16:33		

Sample: SUP_SL_61_1-2_111511 **Lab ID:** 2510017009 Collected: 11/15/11 08:35 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	2280 mg/kg		22.4	1	11/16/11 09:30	11/17/11 00:34		
Motor Oil Range SG	5530 mg/kg		89.7	1	11/16/11 09:30	11/17/11 00:34	64742-65-0	
Surrogates								
n-Octacosane (S) SG	123 %		50-150	1	11/16/11 09:30	11/17/11 00:34	630-02-4	
o-Terphenyl (S) SG	97 %		50-150	1	11/16/11 09:30	11/17/11 00:34	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	24.3 mg/kg		8.7	1	11/16/11 14:56	11/16/11 21:47		
Surrogates								
a,a,a-Trifluorotoluene (S)	116 %		50-150	1	11/16/11 14:56	11/16/11 21:47	98-08-8	

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_61_1-2_111511 **Lab ID:** 2510017009 Collected: 11/15/11 08:35 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	157 %		50-150	1	11/16/11 14:56	11/16/11 21:47	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	ND mg/kg		51.0	20	11/18/11 10:28	11/21/11 18:27	7440-38-2	
Cadmium	ND mg/kg		10.2	20	11/18/11 10:28	11/21/11 18:27	7440-43-9	D3
Lead	2140 mg/kg		25.5	20	11/18/11 10:28	11/22/11 10:57	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	31.1 %		0.10	1		11/16/11 16:34		

Sample: SUP_SL_61_2-4_111511 **Lab ID:** 2510017010 Collected: 11/15/11 08:40 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	1800 mg/kg		21.2	1	11/16/11 09:30	11/17/11 00:51		
Motor Oil Range SG	4990 mg/kg		85.0	1	11/16/11 09:30	11/17/11 00:51	64742-65-0	
Surrogates								
n-Octacosane (S) SG	125 %		50-150	1	11/16/11 09:30	11/17/11 00:51	630-02-4	
o-Terphenyl (S) SG	100 %		50-150	1	11/16/11 09:30	11/17/11 00:51	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	36.0 mg/kg		7.6	1	11/16/11 14:56	11/16/11 22:11		
Surrogates								
a,a,a-Trifluorotoluene (S)	141 %		50-150	1	11/16/11 14:56	11/16/11 22:11	98-08-8	
4-Bromofluorobenzene (S)	185 %		50-150	1	11/16/11 14:56	11/16/11 22:11	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	ND mg/kg		47.8	20	11/18/11 10:28	11/21/11 18:30	7440-38-2	
Cadmium	ND mg/kg		9.6	20	11/18/11 10:28	11/21/11 18:30	7440-43-9	D3
Lead	1510 mg/kg		23.9	20	11/18/11 10:28	11/22/11 11:01	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	27.8 %		0.10	1		11/16/11 16:35		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_61_4-6_111511 **Lab ID:** 2510017011 Collected: 11/15/11 08:45 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	254 mg/kg		19.3	1	11/16/11 09:30	11/16/11 21:59		
Motor Oil Range SG	846 mg/kg		77.1	1	11/16/11 09:30	11/16/11 21:59	64742-65-0	
Surrogates								
n-Octacosane (S) SG	119 %		50-150	1	11/16/11 09:30	11/16/11 21:59	630-02-4	
o-Terphenyl (S) SG	104 %		50-150	1	11/16/11 09:30	11/16/11 21:59	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	67.7 mg/kg		6.7	1	11/16/11 14:56	11/16/11 22:59		
Surrogates								
a,a,a-Trifluorotoluene (S)	139 %		50-150	1	11/16/11 14:56	11/16/11 22:59	98-08-8	
4-Bromofluorobenzene (S)	172 %		50-150	1	11/16/11 14:56	11/16/11 22:59	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	457 mg/kg		23.6	10	11/18/11 10:28	11/21/11 18:34	7440-38-2	
Cadmium	ND mg/kg		4.7	10	11/18/11 10:28	11/21/11 18:34	7440-43-9	D3
Lead	1090 mg/kg		11.8	10	11/18/11 10:28	11/22/11 11:04	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	19.4 %		0.10	1		11/16/11 16:35		

Sample: SUP_SL_61_6-8_111511 **Lab ID:** 2510017012 Collected: 11/15/11 08:50 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		23.1	1	11/16/11 09:30	11/16/11 19:06		
Motor Oil Range SG	ND mg/kg		92.3	1	11/16/11 09:30	11/16/11 19:06	64742-65-0	
Surrogates								
n-Octacosane (S) SG	111 %		50-150	1	11/16/11 09:30	11/16/11 19:06	630-02-4	
o-Terphenyl (S) SG	97 %		50-150	1	11/16/11 09:30	11/16/11 19:06	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		10.0	1	11/16/11 14:56	11/16/11 23:24		
Surrogates								
a,a,a-Trifluorotoluene (S)	112 %		50-150	1	11/16/11 14:56	11/16/11 23:24	98-08-8	
4-Bromofluorobenzene (S)	142 %		50-150	1	11/16/11 14:56	11/16/11 23:24	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	602 mg/kg		14.1	5	11/18/11 10:28	11/21/11 18:37	7440-38-2	
Cadmium	ND mg/kg		2.8	5	11/18/11 10:28	11/21/11 18:37	7440-43-9	D3
Lead	1460 mg/kg		7.1	5	11/18/11 10:28	11/22/11 11:08	7439-92-1	D4

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_61_6-8_111511 **Lab ID:** 2510017012 Collected: 11/15/11 08:50 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	32.5 %		0.10	1		11/16/11 16:36		

Sample: SUP_SL_61_8-10_111511 **Lab ID:** 2510017013 Collected: 11/15/11 08:55 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	23.8	1	11/16/11 09:30	11/16/11 19:24		
Motor Oil Range SG	ND	mg/kg	95.3	1	11/16/11 09:30	11/16/11 19:24	64742-65-0	
Surrogates								
n-Octacosane (S) SG	92 %		50-150	1	11/16/11 09:30	11/16/11 19:24	630-02-4	
o-Terphenyl (S) SG	79 %		50-150	1	11/16/11 09:30	11/16/11 19:24	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	9.1	1	11/16/11 14:56	11/17/11 00:12		
Surrogates								
a,a,a-Trifluorotoluene (S)	107 %		50-150	1	11/16/11 14:56	11/17/11 00:12	98-08-8	
4-Bromofluorobenzene (S)	134 %		50-150	1	11/16/11 14:56	11/17/11 00:12	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	838	mg/kg	10.9	5	11/18/11 10:28	11/21/11 18:41	7440-38-2	
Cadmium	ND	mg/kg	2.2	5	11/18/11 10:28	11/21/11 18:41	7440-43-9	D3
Lead	190	mg/kg	5.5	5	11/18/11 10:28	11/22/11 11:11	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	34.1 %		0.10	1		11/16/11 16:42		

Sample: SUP_SL_61_10-12_111511 **Lab ID:** 2510017014 Collected: 11/15/11 09:00 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	28.0	mg/kg	23.1	1	11/16/11 09:30	11/16/11 19:41		
Motor Oil Range SG	ND	mg/kg	92.6	1	11/16/11 09:30	11/16/11 19:41	64742-65-0	
Surrogates								
n-Octacosane (S) SG	66 %		50-150	1	11/16/11 09:30	11/16/11 19:41	630-02-4	
o-Terphenyl (S) SG	63 %		50-150	1	11/16/11 09:30	11/16/11 19:41	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	9.0	1	11/16/11 14:56	11/17/11 00:36		
Surrogates								
a,a,a-Trifluorotoluene (S)	107 %		50-150	1	11/16/11 14:56	11/17/11 00:36	98-08-8	

Date: 03/14/2012 01:50 PM

REPORT OF LABORATORY ANALYSIS

Page 17 of 72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_61_10-12_111511 **Lab ID:** 2510017014 Collected: 11/15/11 09:00 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx								
Surrogates								
4-Bromofluorobenzene (S)	137 %		50-150	1	11/16/11 14:56	11/17/11 00:36	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	171 mg/kg		10.3	5	11/18/11 10:28	11/21/11 18:52	7440-38-2	
Cadmium	ND mg/kg		2.1	5	11/18/11 10:28	11/21/11 18:52	7440-43-9	D3
Lead	578 mg/kg		5.1	5	11/18/11 10:28	11/22/11 11:15	7439-92-1	D4
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	33.6 %		0.10	1		11/16/11 16:43		

Sample: SUP_SL_62_0-1_111511 **Lab ID:** 2510017015 Collected: 11/15/11 09:45 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546								
Diesel Range SG	4430 mg/kg		18.1	1	11/16/11 09:30	11/17/11 01:09		
Motor Oil Range SG	7220 mg/kg		725	10	11/16/11 09:30	11/17/11 14:41	64742-65-0	
Surrogates								
n-Octacosane (S) SG	147 %		50-150	10	11/16/11 09:30	11/17/11 14:41	630-02-4	
o-Terphenyl (S) SG	88 %		50-150	1	11/16/11 09:30	11/17/11 01:09	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx								
Gasoline Range Organics	138 mg/kg		5.6	1	11/16/11 14:56	11/17/11 01:00		
Surrogates								
a,a,a-Trifluorotoluene (S)	101 %		50-150	1	11/16/11 14:56	11/17/11 01:00	98-08-8	
4-Bromofluorobenzene (S)	184 %		50-150	1	11/16/11 14:56	11/17/11 01:00	460-00-4	S2
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	929 mg/kg		52.9	25	11/18/11 10:28	11/21/11 13:36	7440-38-2	
Cadmium	ND mg/kg		10.6	25	11/18/11 10:28	11/21/11 13:36	7440-43-9	D3
Lead	2110 mg/kg		26.4	25	11/18/11 10:28	11/21/11 13:36	7439-92-1	D4
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	13.2 %		0.10	1		11/16/11 16:44		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_62_1-2_111511 **Lab ID:** 2510017016 Collected: 11/15/11 09:50 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	16.6	1	11/16/11 09:30	11/16/11 20:33		
Motor Oil Range SG	ND	mg/kg	66.3	1	11/16/11 09:30	11/16/11 20:33	64742-65-0	
Surrogates								
n-Octacosane (S) SG	100 %		50-150	1	11/16/11 09:30	11/16/11 20:33	630-02-4	
o-Terphenyl (S) SG	87 %		50-150	1	11/16/11 09:30	11/16/11 20:33	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	4.9	1	11/16/11 14:56	11/17/11 15:03		
Surrogates								
a,a,a-Trifluorotoluene (S)	91 %		50-150	1	11/16/11 14:56	11/17/11 15:03	98-08-8	
4-Bromofluorobenzene (S)	121 %		50-150	1	11/16/11 14:56	11/17/11 15:03	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	3670	mg/kg	84.5	50	11/18/11 10:28	11/21/11 18:55	7440-38-2	
Cadmium	ND	mg/kg	16.9	50	11/18/11 10:28	11/21/11 18:55	7440-43-9	D3
Lead	4070	mg/kg	21.1	25	11/18/11 10:28	11/21/11 13:39	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.8	%	0.10	1		11/16/11 16:44		

Sample: SUP_SL_62_2-4_111511 **Lab ID:** 2510017017 Collected: 11/15/11 09:55 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	68.7	mg/kg	17.1	1	11/16/11 09:30	11/16/11 21:42		
Motor Oil Range SG	566	mg/kg	68.5	1	11/16/11 09:30	11/16/11 21:42	64742-65-0	
Surrogates								
n-Octacosane (S) SG	118 %		50-150	1	11/16/11 09:30	11/16/11 21:42	630-02-4	
o-Terphenyl (S) SG	104 %		50-150	1	11/16/11 09:30	11/16/11 21:42	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	4.7	1	11/16/11 14:56	11/17/11 01:48		
Surrogates								
a,a,a-Trifluorotoluene (S)	105 %		50-150	1	11/16/11 14:56	11/17/11 01:48	98-08-8	
4-Bromofluorobenzene (S)	137 %		50-150	1	11/16/11 14:56	11/17/11 01:48	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1650	mg/kg	49.4	25	11/18/11 10:28	11/21/11 13:57	7440-38-2	
Cadmium	ND	mg/kg	9.9	25	11/18/11 10:28	11/21/11 13:57	7440-43-9	D3
Lead	1940	mg/kg	24.7	25	11/18/11 10:28	11/21/11 13:57	7439-92-1	D4

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_62_2-4_111511 **Lab ID:** 2510017017 Collected: 11/15/11 09:55 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.4 %		0.10	1		11/16/11 16:45		

Sample: SUP_SL_62_4-6_111511 **Lab ID:** 2510017018 Collected: 11/15/11 10:00 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	20.6	1	11/16/11 09:30	11/16/11 20:50		
Motor Oil Range SG	ND	mg/kg	82.4	1	11/16/11 09:30	11/16/11 20:50	64742-65-0	
Surrogates								
n-Octacosane (S) SG	104 %		50-150	1	11/16/11 09:30	11/16/11 20:50	630-02-4	
o-Terphenyl (S) SG	91 %		50-150	1	11/16/11 09:30	11/16/11 20:50	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	6.8	1	11/16/11 14:56	11/17/11 02:13		
Surrogates								
a,a,a-Trifluorotoluene (S)	106 %		50-150	1	11/16/11 14:56	11/17/11 02:13	98-08-8	
4-Bromofluorobenzene (S)	139 %		50-150	1	11/16/11 14:56	11/17/11 02:13	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	263	mg/kg	10.5	5	11/18/11 10:28	11/21/11 18:59	7440-38-2	
Cadmium	ND	mg/kg	2.1	5	11/18/11 10:28	11/21/11 18:59	7440-43-9	D3
Lead	168	mg/kg	1.1	1	11/18/11 10:28	11/22/11 12:49	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	26.2 %		0.10	1		11/16/11 16:45		

Sample: SUP_SL_62_6-8_111511 **Lab ID:** 2510017019 Collected: 11/15/11 10:05 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	25.5	1	11/16/11 09:30	11/16/11 21:07		
Motor Oil Range SG	ND	mg/kg	102	1	11/16/11 09:30	11/16/11 21:07	64742-65-0	
Surrogates								
n-Octacosane (S) SG	92 %		50-150	1	11/16/11 09:30	11/16/11 21:07	630-02-4	
o-Terphenyl (S) SG	80 %		50-150	1	11/16/11 09:30	11/16/11 21:07	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	12.1	1	11/16/11 14:56	11/17/11 03:25		
Surrogates								
a,a,a-Trifluorotoluene (S)	100 %		50-150	1	11/16/11 14:56	11/17/11 03:25	98-08-8	

Date: 03/14/2012 01:50 PM

REPORT OF LABORATORY ANALYSIS

Page 20 of 72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_62_6-8_111511 **Lab ID:** 2510017019 Collected: 11/15/11 10:05 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	133 %		50-150	1	11/16/11 14:56	11/17/11 03:25	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	72.9 mg/kg		6.0	2	11/18/11 10:28	11/21/11 19:02	7440-38-2	
Cadmium	ND mg/kg		1.2	2	11/18/11 10:28	11/21/11 19:02	7440-43-9	D3
Lead	18.7 mg/kg		1.5	1	11/18/11 10:28	11/22/11 12:52	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	37.9 %		0.10	1		11/16/11 16:46		

Sample: SUP_SL_62_8-10_111511 **Lab ID:** 2510017020 Collected: 11/15/11 10:10 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		27.3	1	11/16/11 09:30	11/16/11 21:25		
Motor Oil Range SG	ND mg/kg		109	1	11/16/11 09:30	11/16/11 21:25	64742-65-0	
Surrogates								
n-Octacosane (S) SG	83 %		50-150	1	11/16/11 09:30	11/16/11 21:25	630-02-4	
o-Terphenyl (S) SG	77 %		50-150	1	11/16/11 09:30	11/16/11 21:25	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		12.7	1	11/16/11 14:56	11/17/11 03:49		
Surrogates								
a,a,a-Trifluorotoluene (S)	101 %		50-150	1	11/16/11 14:56	11/17/11 03:49	98-08-8	
4-Bromofluorobenzene (S)	132 %		50-150	1	11/16/11 14:56	11/17/11 03:49	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	ND mg/kg		12.7	5	11/18/11 10:28	11/21/11 19:06	7440-38-2	
Cadmium	ND mg/kg		2.5	5	11/18/11 10:28	11/21/11 19:06	7440-43-9	D3
Lead	5.8 mg/kg		1.3	1	11/18/11 10:28	11/22/11 12:56	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	43.0 %		0.10	1		11/16/11 16:47		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_62_10-12_111511 **Lab ID:** 2510017021 Collected: 11/15/11 10:15 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	23.4	1	11/16/11 10:45	11/17/11 15:16		
Motor Oil Range SG	ND	mg/kg	93.7	1	11/16/11 10:45	11/17/11 15:16	64742-65-0	
Surrogates								
n-Octacosane (S) SG	88 %		50-150	1	11/16/11 10:45	11/17/11 15:16	630-02-4	
o-Terphenyl (S) SG	77 %		50-150	1	11/16/11 10:45	11/17/11 15:16	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	7.6	1	11/16/11 15:44	11/17/11 04:14		
Surrogates								
a,a,a-Trifluorotoluene (S)	102 %		50-150	1	11/16/11 15:44	11/17/11 04:14	98-08-8	
4-Bromofluorobenzene (S)	133 %		50-150	1	11/16/11 15:44	11/17/11 04:14	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1410	mg/kg	22.5	10	11/18/11 10:28	11/21/11 19:10	7440-38-2	
Cadmium	ND	mg/kg	4.5	10	11/18/11 10:28	11/21/11 19:10	7440-43-9	D3
Lead	2000	mg/kg	11.3	10	11/18/11 10:28	11/22/11 11:26	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	33.3	%	0.10	1		11/16/11 16:47		

Sample: SUP_SL_63_0-1_111511 **Lab ID:** 2510017022 Collected: 11/15/11 10:20 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	3490	mg/kg	19.6	1	11/16/11 10:45	11/17/11 09:44		
Motor Oil Range SG	13200	mg/kg	782	10	11/16/11 10:45	11/17/11 19:51	64742-65-0	
Surrogates								
n-Octacosane (S) SG	148 %		50-150	10	11/16/11 10:45	11/17/11 19:51	630-02-4	
o-Terphenyl (S) SG	85 %		50-150	1	11/16/11 10:45	11/17/11 09:44	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	28.6	mg/kg	7.1	1	11/16/11 15:44	11/17/11 04:38		
Surrogates								
a,a,a-Trifluorotoluene (S)	98 %		50-150	1	11/16/11 15:44	11/17/11 04:38	98-08-8	
4-Bromofluorobenzene (S)	139 %		50-150	1	11/16/11 15:44	11/17/11 04:38	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	421	mg/kg	59.7	25	11/18/11 10:28	11/21/11 14:22	7440-38-2	
Cadmium	ND	mg/kg	11.9	25	11/18/11 10:28	11/21/11 14:22	7440-43-9	D3
Lead	1880	mg/kg	29.8	25	11/18/11 10:28	11/21/11 14:22	7439-92-1	D4

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_63_0-1_111511 **Lab ID:** 2510017022 Collected: 11/15/11 10:20 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	23.1 %		0.10	1		11/16/11 16:49		

Sample: SUP_SL_63_1-2_111511 **Lab ID:** 2510017023 Collected: 11/15/11 10:25 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	33.2 mg/kg		15.9	1	11/16/11 10:45	11/17/11 15:33		
Motor Oil Range SG	ND mg/kg		63.5	1	11/16/11 10:45	11/17/11 15:33	64742-65-0	
Surrogates								
n-Octacosane (S) SG	101 %		50-150	1	11/16/11 10:45	11/17/11 15:33	630-02-4	
o-Terphenyl (S) SG	87 %		50-150	1	11/16/11 10:45	11/17/11 15:33	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	18.0 mg/kg		4.1	1	11/16/11 15:44	11/17/11 05:02		
Surrogates								
a,a,a-Trifluorotoluene (S)	56 %		50-150	1	11/16/11 15:44	11/17/11 05:02	98-08-8	
4-Bromofluorobenzene (S)	85 %		50-150	1	11/16/11 15:44	11/17/11 05:02	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2610 mg/kg		46.8	25	11/18/11 10:28	11/21/11 14:33	7440-38-2	
Cadmium	ND mg/kg		9.4	25	11/18/11 10:28	11/21/11 14:33	7440-43-9	D3
Lead	3720 mg/kg		23.4	25	11/18/11 10:28	11/21/11 14:33	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.4 %		0.10	1		11/16/11 16:49		

Sample: SUP_SL_63_2-4_111511 **Lab ID:** 2510017024 Collected: 11/15/11 10:30 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		16.5	1	11/16/11 10:45	11/17/11 15:50		
Motor Oil Range SG	ND mg/kg		66.2	1	11/16/11 10:45	11/17/11 15:50	64742-65-0	
Surrogates								
n-Octacosane (S) SG	111 %		50-150	1	11/16/11 10:45	11/17/11 15:50	630-02-4	
o-Terphenyl (S) SG	94 %		50-150	1	11/16/11 10:45	11/17/11 15:50	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		4.4	1	11/16/11 15:44	11/17/11 14:39		
Surrogates								
a,a,a-Trifluorotoluene (S)	96 %		50-150	1	11/16/11 15:44	11/17/11 14:39	98-08-8	

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_63_2-4_111511 **Lab ID: 2510017024** Collected: 11/15/11 10:30 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	129 %		50-150	1	11/16/11 15:44	11/17/11 14:39	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2810 mg/kg		45.9	25	11/18/11 10:28	11/21/11 14:36	7440-38-2	
Cadmium	ND mg/kg		9.2	25	11/18/11 10:28	11/21/11 14:36	7440-43-9	D3
Lead	4080 mg/kg		23.0	25	11/18/11 10:28	11/21/11 14:36	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.1 %		0.10	1		11/16/11 16:50		

Sample: SUP_SL_63_4-6_111511 **Lab ID: 2510017025** Collected: 11/15/11 10:35 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		17.4	1	11/16/11 10:45	11/17/11 16:07		
Motor Oil Range SG	ND mg/kg		69.4	1	11/16/11 10:45	11/17/11 16:07	64742-65-0	
Surrogates								
n-Octacosane (S) SG	96 %		50-150	1	11/16/11 10:45	11/17/11 16:07	630-02-4	
o-Terphenyl (S) SG	82 %		50-150	1	11/16/11 10:45	11/17/11 16:07	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		4.0	1	11/16/11 15:44	11/17/11 13:51		
Surrogates								
a,a,a-Trifluorotoluene (S)	104 %		50-150	1	11/16/11 15:44	11/17/11 13:51	98-08-8	
4-Bromofluorobenzene (S)	130 %		50-150	1	11/16/11 15:44	11/17/11 13:51	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	3360 mg/kg		77.0	50	11/18/11 10:28	11/21/11 19:13	7440-38-2	
Cadmium	ND mg/kg		15.4	50	11/18/11 10:28	11/21/11 19:13	7440-43-9	D3
Lead	3830 mg/kg		19.2	25	11/18/11 10:28	11/21/11 14:40	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.2 %		0.10	1		11/16/11 16:51		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_63_6-8_111511 **Lab ID:** 2510017026 Collected: 11/15/11 10:45 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	23.9	1	11/16/11 10:45	11/17/11 04:18		
Motor Oil Range SG	ND	mg/kg	95.7	1	11/16/11 10:45	11/17/11 04:18	64742-65-0	
Surrogates								
n-Octacosane (S) SG	91 %		50-150	1	11/16/11 10:45	11/17/11 04:18	630-02-4	
o-Terphenyl (S) SG	76 %		50-150	1	11/16/11 10:45	11/17/11 04:18	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	10.4	1	11/16/11 15:44	11/17/11 06:14		
Surrogates								
a,a,a-Trifluorotoluene (S)	120 %		50-150	1	11/16/11 15:44	11/17/11 06:14	98-08-8	
4-Bromofluorobenzene (S)	156 %		50-150	1	11/16/11 15:44	11/17/11 06:14	460-00-4	S3
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	178	mg/kg	12.2	5	11/18/11 10:28	11/21/11 19:17	7440-38-2	
Cadmium	ND	mg/kg	2.4	5	11/18/11 10:28	11/21/11 19:17	7440-43-9	D3
Lead	100	mg/kg	1.2	1	11/18/11 10:28	11/22/11 12:59	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	38.7	%	0.10	1		11/16/11 16:51		

Sample: SUP_SL_63_8-10_111511 **Lab ID:** 2510017027 Collected: 11/15/11 10:50 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	23.3	1	11/16/11 10:45	11/17/11 04:35		
Motor Oil Range SG	ND	mg/kg	93.3	1	11/16/11 10:45	11/17/11 04:35	64742-65-0	
Surrogates								
n-Octacosane (S) SG	98 %		50-150	1	11/16/11 10:45	11/17/11 04:35	630-02-4	
o-Terphenyl (S) SG	86 %		50-150	1	11/16/11 10:45	11/17/11 04:35	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	8.3	1	11/16/11 15:44	11/17/11 06:38		
Surrogates								
a,a,a-Trifluorotoluene (S)	107 %		50-150	1	11/16/11 15:44	11/17/11 06:38	98-08-8	
4-Bromofluorobenzene (S)	143 %		50-150	1	11/16/11 15:44	11/17/11 06:38	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	13.4	mg/kg	10.7	5	11/18/11 10:28	11/21/11 19:20	7440-38-2	
Cadmium	ND	mg/kg	2.1	5	11/18/11 10:28	11/21/11 19:20	7440-43-9	D3
Lead	3.9	mg/kg	1.1	1	11/18/11 10:28	11/22/11 13:03	7439-92-1	

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_63_8-10_111511 **Lab ID:** 2510017027 Collected: 11/15/11 10:50 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	32.6 %		0.10	1		11/16/11 16:52		

Sample: SUP_SL_63_10-12_111511 **Lab ID:** 2510017028 Collected: 11/15/11 10:55 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	21.5	1	11/16/11 10:45	11/17/11 05:27		
Motor Oil Range SG	ND	mg/kg	86.0	1	11/16/11 10:45	11/17/11 05:27	64742-65-0	
Surrogates								
n-Octacosane (S) SG	67 %		50-150	1	11/16/11 10:45	11/17/11 05:27	630-02-4	
o-Terphenyl (S) SG	57 %		50-150	1	11/16/11 10:45	11/17/11 05:27	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	7.4	1	11/16/11 15:44	11/17/11 07:03		
Surrogates								
a,a,a-Trifluorotoluene (S)	118 %		50-150	1	11/16/11 15:44	11/17/11 07:03	98-08-8	
4-Bromofluorobenzene (S)	149 %		50-150	1	11/16/11 15:44	11/17/11 07:03	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	255	mg/kg	11.0	5	11/18/11 10:28	11/21/11 19:24	7440-38-2	
Cadmium	ND	mg/kg	2.2	5	11/18/11 10:28	11/21/11 19:24	7440-43-9	D3
Lead	258	mg/kg	1.1	1	11/18/11 10:28	11/22/11 13:07	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	26.9 %		0.10	1		11/16/11 16:52		

Sample: SUP_SL_63_4-6_111511_D **Lab ID:** 2510017029 Collected: 11/15/11 10:40 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	17.3	1	11/16/11 10:45	11/17/11 05:44		
Motor Oil Range SG	ND	mg/kg	69.0	1	11/16/11 10:45	11/17/11 05:44	64742-65-0	
Surrogates								
n-Octacosane (S) SG	122 %		50-150	1	11/16/11 10:45	11/17/11 05:44	630-02-4	
o-Terphenyl (S) SG	104 %		50-150	1	11/16/11 10:45	11/17/11 05:44	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	4.1	1	11/16/11 15:44	11/17/11 11:26		
Surrogates								
a,a,a-Trifluorotoluene (S)	114 %		50-150	1	11/16/11 15:44	11/17/11 11:26	98-08-8	

Date: 03/14/2012 01:50 PM

REPORT OF LABORATORY ANALYSIS

Page 26 of 72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_63_4-6_111511_D Lab ID: 2510017029 Collected: 11/15/11 10:40 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	144 %		50-150	1	11/16/11 15:44	11/17/11 11:26	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2810 mg/kg		48.3	25	11/18/11 10:28	11/21/11 14:54	7440-38-2	
Cadmium	ND mg/kg		9.7	25	11/18/11 10:28	11/21/11 14:54	7440-43-9	D3
Lead	3930 mg/kg		24.1	25	11/18/11 10:28	11/21/11 14:54	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.9 %		0.10	1		11/16/11 16:53		

Sample: Trip Blank #1 Lab ID: 2510017030 Collected: 11/15/11 14:10 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		5.0	1	11/17/11 07:34	11/17/11 17:27		
Surrogates								
a,a,a-Trifluorotoluene (S)	87 %		50-150	1	11/17/11 07:34	11/17/11 17:27	98-08-8	
4-Bromofluorobenzene (S)	113 %		50-150	1	11/17/11 07:34	11/17/11 17:27	460-00-4	

Sample: SUP_SL_64_0-1_111511 Lab ID: 2510017031 Collected: 11/15/11 11:00 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	2220 mg/kg		20.9	1	11/16/11 10:45	11/17/11 08:53		
Motor Oil Range SG	3310 mg/kg		83.7	1	11/16/11 10:45	11/17/11 08:53	64742-65-0	
Surrogates								
n-Octacosane (S) SG	133 %		50-150	1	11/16/11 10:45	11/17/11 08:53	630-02-4	
o-Terphenyl (S) SG	97 %		50-150	1	11/16/11 10:45	11/17/11 08:53	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	7.9 mg/kg		7.0	1	11/17/11 07:34	11/17/11 17:51		
Surrogates								
a,a,a-Trifluorotoluene (S)	87 %		50-150	1	11/17/11 07:34	11/17/11 17:51	98-08-8	
4-Bromofluorobenzene (S)	118 %		50-150	1	11/17/11 07:34	11/17/11 17:51	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1240 mg/kg		23.8	10	11/18/11 10:28	11/21/11 19:38	7440-38-2	
Cadmium	7.2 mg/kg		4.8	10	11/18/11 10:28	11/21/11 19:38	7440-43-9	D3
Lead	1680 mg/kg		11.9	10	11/18/11 10:28	11/21/11 19:38	7439-92-1	D4

Date: 03/14/2012 01:50 PM

REPORT OF LABORATORY ANALYSIS

Page 27 of 72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_64_0-1_111511 **Lab ID:** 2510017031 Collected: 11/15/11 11:00 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	27.6 %		0.10	1		11/16/11 16:53		

Sample: SUP_SL_64_1-2_111511 **Lab ID:** 2510017032 Collected: 11/15/11 11:05 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	300 mg/kg		16.7	1	11/16/11 10:45	11/17/11 06:01		
Motor Oil Range SG	363 mg/kg		66.6	1	11/16/11 10:45	11/17/11 06:01	64742-65-0	
Surrogates								
n-Octacosane (S) SG	110 %		50-150	1	11/16/11 10:45	11/17/11 06:01	630-02-4	
o-Terphenyl (S) SG	92 %		50-150	1	11/16/11 10:45	11/17/11 06:01	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	228 mg/kg		8.6	2	11/17/11 07:34	11/18/11 14:43		
Surrogates								
a,a,a-Trifluorotoluene (S)	101 %		50-150	2	11/17/11 07:34	11/18/11 14:43	98-08-8	
4-Bromofluorobenzene (S)	181 %		50-150	2	11/17/11 07:34	11/18/11 14:43	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	5310 mg/kg		100	50	11/18/11 10:28	11/21/11 19:42	7440-38-2	D4
Cadmium	ND mg/kg		20.0	50	11/18/11 10:28	11/21/11 19:42	7440-43-9	D3
Lead	4330 mg/kg		25.0	25	11/18/11 10:28	11/21/11 15:01	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	4.9 %		0.10	1		11/16/11 16:54		

Sample: SUP_SL_64_2-4_111511 **Lab ID:** 2510017033 Collected: 11/15/11 11:10 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		17.9	1	11/16/11 10:45	11/17/11 16:24		
Motor Oil Range SG	ND mg/kg		71.5	1	11/16/11 10:45	11/17/11 16:24	64742-65-0	
Surrogates								
n-Octacosane (S) SG	114 %		50-150	1	11/16/11 10:45	11/17/11 16:24	630-02-4	
o-Terphenyl (S) SG	97 %		50-150	1	11/16/11 10:45	11/17/11 16:24	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	5.6 mg/kg		5.4	1	11/17/11 07:34	11/18/11 13:53		
Surrogates								
a,a,a-Trifluorotoluene (S)	114 %		50-150	1	11/17/11 07:34	11/18/11 13:53	98-08-8	

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_64_2-4_111511 **Lab ID:** 2510017033 Collected: 11/15/11 11:10 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	144 %		50-150	1	11/17/11 07:34	11/18/11 13:53	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	11100 mg/kg		96.6	50	11/18/11 10:28	11/21/11 19:45	7440-38-2	D4
Cadmium	33.4 mg/kg		9.7	25	11/18/11 10:28	11/21/11 15:05	7440-43-9	D3
Lead	3320 mg/kg		24.2	25	11/18/11 10:28	11/21/11 15:05	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	13.0 %		0.10	1		11/16/11 16:55		

Sample: SUP_SL_64_4-6_111511 **Lab ID:** 2510017034 Collected: 11/15/11 11:15 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	1230 mg/kg		20.0	1	11/16/11 10:45	11/17/11 09:10		
Motor Oil Range SG	1820 mg/kg		79.9	1	11/16/11 10:45	11/17/11 09:10	64742-65-0	
Surrogates								
n-Octacosane (S) SG	112 %		50-150	1	11/16/11 10:45	11/17/11 09:10	630-02-4	
o-Terphenyl (S) SG	90 %		50-150	1	11/16/11 10:45	11/17/11 09:10	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	124 mg/kg		6.0	1	11/17/11 07:34	11/18/11 14:17		
Surrogates								
a,a,a-Trifluorotoluene (S)	99 %		50-150	1	11/17/11 07:34	11/18/11 14:17	98-08-8	
4-Bromofluorobenzene (S)	155 %		50-150	1	11/17/11 07:34	11/18/11 14:17	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2690 mg/kg		59.7	25	11/19/11 09:45	11/21/11 15:23	7440-38-2	
Cadmium	ND mg/kg		11.9	25	11/19/11 09:45	11/21/11 15:23	7440-43-9	D3
Lead	1990 mg/kg		29.9	25	11/19/11 09:45	11/21/11 15:23	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	21.0 %		0.10	1		11/16/11 17:02		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_64_6-8_111511 Lab ID: 2510017035 Collected: 11/15/11 11:20 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546								
Diesel Range SG	ND	mg/kg	25.1	1	11/16/11 10:45	11/17/11 06:53		
Motor Oil Range SG	ND	mg/kg	100	1	11/16/11 10:45	11/17/11 06:53	64742-65-0	
Surrogates								
n-Octacosane (S) SG	94 %		50-150	1	11/16/11 10:45	11/17/11 06:53	630-02-4	
o-Terphenyl (S) SG	81 %		50-150	1	11/16/11 10:45	11/17/11 06:53	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx								
Gasoline Range Organics	ND	mg/kg	11.3	1	11/17/11 07:34	11/17/11 20:15		
Surrogates								
a,a,a-Trifluorotoluene (S)	89 %		50-150	1	11/17/11 07:34	11/17/11 20:15	98-08-8	
4-Bromofluorobenzene (S)	117 %		50-150	1	11/17/11 07:34	11/17/11 20:15	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	1320	mg/kg	14.4	5	11/19/11 09:45	11/21/11 19:49	7440-38-2	
Cadmium	3.0	mg/kg	2.9	5	11/19/11 09:45	11/21/11 19:49	7440-43-9	D3
Lead	228	mg/kg	1.4	1	11/19/11 09:45	11/22/11 13:10	7439-92-1	
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	39.2	%	0.10	1		11/16/11 17:03		

Sample: SUP_SL_64_8-10_111511 Lab ID: 2510017036 Collected: 11/15/11 11:25 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546								
Diesel Range SG	ND	mg/kg	25.3	1	11/16/11 10:45	11/17/11 07:10		
Motor Oil Range SG	ND	mg/kg	101	1	11/16/11 10:45	11/17/11 07:10	64742-65-0	
Surrogates								
n-Octacosane (S) SG	98 %		50-150	1	11/16/11 10:45	11/17/11 07:10	630-02-4	
o-Terphenyl (S) SG	85 %		50-150	1	11/16/11 10:45	11/17/11 07:10	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx								
Gasoline Range Organics	ND	mg/kg	12.9	1	11/17/11 07:34	11/17/11 20:39		
Surrogates								
a,a,a-Trifluorotoluene (S)	87 %		50-150	1	11/17/11 07:34	11/17/11 20:39	98-08-8	
4-Bromofluorobenzene (S)	116 %		50-150	1	11/17/11 07:34	11/17/11 20:39	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	8.7	mg/kg	5.7	2	11/19/11 09:45	11/21/11 19:52	7440-38-2	
Cadmium	ND	mg/kg	1.1	2	11/19/11 09:45	11/21/11 19:52	7440-43-9	D3
Lead	6.1	mg/kg	1.4	1	11/19/11 09:45	11/22/11 13:14	7439-92-1	

ANALYTICAL RESULTS

Project: Western Area

Sample Project No.: 2510017

Sample: SUP_SL_64_8-10_111511 **Lab ID:** 2510017036 Collected: 11/15/11 11:25 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	39.0 %		0.10	1		11/16/11 17:03		

Sample: SUP_SL_65_0-1_111511 **Lab ID:** 2510017037 Collected: 11/15/11 12:00 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	3900 mg/kg		19.5	1	11/16/11 10:45	11/17/11 09:27		
Motor Oil Range SG	6440 mg/kg		779	10	11/16/11 10:45	11/17/11 20:08	64742-65-0	
Surrogates								
n-Octacosane (S) SG	119 %		50-150	10	11/16/11 10:45	11/17/11 20:08	630-02-4	
o-Terphenyl (S) SG	83 %		50-150	1	11/16/11 10:45	11/17/11 09:27	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		5.7	1	11/17/11 07:34	11/17/11 22:15		
Surrogates								
a,a,a-Trifluorotoluene (S)	90 %		50-150	1	11/17/11 07:34	11/17/11 22:15	98-08-8	
4-Bromofluorobenzene (S)	120 %		50-150	1	11/17/11 07:34	11/17/11 22:15	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	163 mg/kg		22.3	10	11/19/11 09:45	11/21/11 19:56	7440-38-2	
Cadmium	ND mg/kg		4.5	10	11/19/11 09:45	11/21/11 19:56	7440-43-9	D3
Lead	1310 mg/kg		11.1	10	11/19/11 09:45	11/21/11 19:56	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	21.2 %		0.10	1		11/16/11 17:04		

Sample: SUP_SL_65_1-2_111511 **Lab ID:** 2510017038 Collected: 11/15/11 12:05 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	7830 mg/kg		184	10	11/16/11 10:45	11/17/11 20:26		
Motor Oil Range SG	11400 mg/kg		734	10	11/16/11 10:45	11/17/11 20:26	64742-65-0	
Surrogates								
n-Octacosane (S) SG	147 %		50-150	10	11/16/11 10:45	11/17/11 20:26	630-02-4	
o-Terphenyl (S) SG	97 %		50-150	10	11/16/11 10:45	11/17/11 20:26	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	162 mg/kg		6.7	1	11/17/11 07:34	11/18/11 12:20		
Surrogates								
a,a,a-Trifluorotoluene (S)	103 %		50-150	1	11/17/11 07:34	11/18/11 12:20	98-08-8	

ANALYTICAL RESULTS

Project: Western Area
Pace Project No.: 2510017

Sample: SUP_SL_65_1-2_111511 **Lab ID:** 2510017038 Collected: 11/15/11 12:05 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	183 %		50-150	1	11/17/11 07:34	11/18/11 12:20	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	295 mg/kg		49.1	25	11/19/11 09:45	11/21/11 15:44	7440-38-2	
Cadmium	ND mg/kg		9.8	25	11/19/11 09:45	11/21/11 15:44	7440-43-9	D3
Lead	2440 mg/kg		24.5	25	11/19/11 09:45	11/21/11 15:44	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	17.9 %		0.10	1		11/16/11 17:04		

Sample: SUP_SL_65_2-4_111511 **Lab ID:** 2510017039 Collected: 11/15/11 12:10 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	97.0 mg/kg		16.3	1	11/16/11 10:45	11/17/11 07:27		
Motor Oil Range SG	129 mg/kg		65.1	1	11/16/11 10:45	11/17/11 07:27	64742-65-0	
Surrogates								
n-Octacosane (S) SG	120 %		50-150	1	11/16/11 10:45	11/17/11 07:27	630-02-4	
o-Terphenyl (S) SG	101 %		50-150	1	11/16/11 10:45	11/17/11 07:27	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	10.4 mg/kg		4.1	1	11/17/11 07:34	11/18/11 10:44		
Surrogates								
a,a,a-Trifluorotoluene (S)	94 %		50-150	1	11/17/11 07:34	11/18/11 10:44	98-08-8	
4-Bromofluorobenzene (S)	124 %		50-150	1	11/17/11 07:34	11/18/11 10:44	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	3470 mg/kg		90.9	50	11/19/11 09:45	11/21/11 20:00	7440-38-2	
Cadmium	ND mg/kg		18.2	50	11/19/11 09:45	11/21/11 20:00	7440-43-9	D3
Lead	4060 mg/kg		22.7	25	11/19/11 09:45	11/21/11 15:48	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	4.3 %		0.10	1		11/16/11 17:05		

ANALYTICAL RESULTS

Project: Western Area
Pace Project No.: 2510017

Sample: SUP_SL_65_4-6_111511 **Lab ID: 2510017040** Collected: 11/15/11 12:15 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	17.1	1	11/16/11 10:45	11/17/11 07:44		
Motor Oil Range SG	ND	mg/kg	68.4	1	11/16/11 10:45	11/17/11 07:44	64742-65-0	
Surrogates								
n-Octacosane (S) SG	116	%	50-150	1	11/16/11 10:45	11/17/11 07:44	630-02-4	
o-Terphenyl (S) SG	99	%	50-150	1	11/16/11 10:45	11/17/11 07:44	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	5.2	1	11/17/11 07:34	11/18/11 00:14		
Surrogates								
a,a,a-Trifluorotoluene (S)	94	%	50-150	1	11/17/11 07:34	11/18/11 00:14	98-08-8	
4-Bromofluorobenzene (S)	124	%	50-150	1	11/17/11 07:34	11/18/11 00:14	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2950	mg/kg	93.2	50	11/19/11 09:45	11/21/11 20:03	7440-38-2	
Cadmium	ND	mg/kg	18.6	50	11/19/11 09:45	11/21/11 20:03	7440-43-9	D3
Lead	4450	mg/kg	23.3	25	11/19/11 09:45	11/21/11 16:06	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.0	%	0.10	1		11/16/11 17:07		

Sample: SUP_SL_65_6-8_111511 **Lab ID: 2510017041** Collected: 11/15/11 12:20 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	24.0	1	11/16/11 10:45	11/17/11 08:36		
Motor Oil Range SG	ND	mg/kg	96.2	1	11/16/11 10:45	11/17/11 08:36	64742-65-0	
Surrogates								
n-Octacosane (S) SG	101	%	50-150	1	11/16/11 10:45	11/17/11 08:36	630-02-4	
o-Terphenyl (S) SG	85	%	50-150	1	11/16/11 10:45	11/17/11 08:36	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	10.1	1	11/17/11 07:34	11/18/11 00:38		
Surrogates								
a,a,a-Trifluorotoluene (S)	89	%	50-150	1	11/17/11 07:34	11/18/11 00:38	98-08-8	
4-Bromofluorobenzene (S)	117	%	50-150	1	11/17/11 07:34	11/18/11 00:38	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	396	mg/kg	14.7	5	11/19/11 09:45	11/21/11 20:07	7440-38-2	
Cadmium	ND	mg/kg	2.9	5	11/19/11 09:45	11/21/11 20:07	7440-43-9	D3
Lead	247	mg/kg	1.5	1	11/19/11 09:45	11/22/11 13:25	7439-92-1	

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_65_6-8_111511 **Lab ID:** 2510017041 Collected: 11/15/11 12:20 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	35.7 %		0.10	1		11/16/11 17:08		

Sample: SUP_SL_65_8-10_111511 **Lab ID:** 2510017042 Collected: 11/15/11 12:25 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	28.1	1	11/16/11 11:55	11/17/11 21:51		
Motor Oil Range SG	ND	mg/kg	113	1	11/16/11 11:55	11/17/11 21:51	64742-65-0	
Surrogates								
n-Octacosane (S) SG	76 %		50-150	1	11/16/11 11:55	11/17/11 21:51	630-02-4	
o-Terphenyl (S) SG	72 %		50-150	1	11/16/11 11:55	11/17/11 21:51	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	12.6	1	11/17/11 07:34	11/18/11 01:02		
Surrogates								
a,a,a-Trifluorotoluene (S)	90 %		50-150	1	11/17/11 07:34	11/18/11 01:02	98-08-8	
4-Bromofluorobenzene (S)	116 %		50-150	1	11/17/11 07:34	11/18/11 01:02	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	16.3	mg/kg	6.9	2	11/19/11 09:45	11/21/11 20:17	7440-38-2	
Cadmium	ND	mg/kg	1.4	2	11/19/11 09:45	11/21/11 20:17	7440-43-9	D3
Lead	10.9	mg/kg	1.7	1	11/19/11 09:45	11/22/11 13:28	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	43.9 %		0.10	1		11/16/11 17:08		

Sample: SUP_SL_65_8-10_111511_D **Lab ID:** 2510017043 Collected: 11/15/11 12:30 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	25.5	1	11/16/11 11:55	11/17/11 22:26		
Motor Oil Range SG	ND	mg/kg	102	1	11/16/11 11:55	11/17/11 22:26	64742-65-0	
Surrogates								
n-Octacosane (S) SG	87 %		50-150	1	11/16/11 11:55	11/17/11 22:26	630-02-4	
o-Terphenyl (S) SG	75 %		50-150	1	11/16/11 11:55	11/17/11 22:26	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	11.3	1	11/17/11 07:34	11/18/11 01:26		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_65_8-10_111511_D **Lab ID:** 2510017043 Collected: 11/15/11 12:30 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx								
Surrogates								
a,a,a-Trifluorotoluene (S)	94 %		50-150	1	11/17/11 07:34	11/18/11 01:26	98-08-8	
4-Bromofluorobenzene (S)	119 %		50-150	1	11/17/11 07:34	11/18/11 01:26	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	13.3 mg/kg		6.0	2	11/19/11 09:45	11/21/11 20:21	7440-38-2	
Cadmium	ND mg/kg		1.2	2	11/19/11 09:45	11/21/11 20:21	7440-43-9	D3
Lead	10.4 mg/kg		1.5	1	11/19/11 09:45	11/22/11 13:32	7439-92-1	
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	38.7 %		0.10	1		11/16/11 17:08		

Sample: SUP_SL_66_0-1_111511 **Lab ID:** 2510017044 Collected: 11/15/11 12:30 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546								
Diesel Range SG	3100 mg/kg		88.0	5	11/16/11 11:55	11/18/11 03:52		
Motor Oil Range SG	5010 mg/kg		352	5	11/16/11 11:55	11/18/11 03:52	64742-65-0	
Surrogates								
n-Octacosane (S) SG	115 %		50-150	5	11/16/11 11:55	11/18/11 03:52	630-02-4	
o-Terphenyl (S) SG	94 %		50-150	5	11/16/11 11:55	11/18/11 03:52	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx								
Gasoline Range Organics	12.3 mg/kg		5.0	1	11/17/11 07:34	11/18/11 11:08		
Surrogates								
a,a,a-Trifluorotoluene (S)	111 %		50-150	1	11/17/11 07:34	11/18/11 11:08	98-08-8	
4-Bromofluorobenzene (S)	145 %		50-150	1	11/17/11 07:34	11/18/11 11:08	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	1810 mg/kg		52.9	25	11/19/11 09:45	11/21/11 16:21	7440-38-2	
Cadmium	10.6 mg/kg		10.6	25	11/19/11 09:45	11/21/11 16:21	7440-43-9	D3
Lead	2190 mg/kg		26.5	25	11/19/11 09:45	11/21/11 16:21	7439-92-1	D4
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	13.3 %		0.10	1		11/16/11 17:09		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_66_1-2_111511 Lab ID: 2510017045 Collected: 11/15/11 12:35 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	2090	mg/kg	93.4	5	11/16/11 11:55	11/18/11 04:10		
Motor Oil Range SG	3380	mg/kg	374	5	11/16/11 11:55	11/18/11 04:10	64742-65-0	
Surrogates								
n-Octacosane (S) SG	128	%	50-150	5	11/16/11 11:55	11/18/11 04:10	630-02-4	
o-Terphenyl (S) SG	102	%	50-150	5	11/16/11 11:55	11/18/11 04:10	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	116	mg/kg	6.7	1	11/17/11 07:34	11/18/11 11:56		
Surrogates								
a,a,a-Trifluorotoluene (S)	101	%	50-150	1	11/17/11 07:34	11/18/11 11:56	98-08-8	
4-Bromofluorobenzene (S)	162	%	50-150	1	11/17/11 07:34	11/18/11 11:56	460-00-4	S2
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	5260	mg/kg	45.3	25	11/19/11 09:45	11/21/11 16:24	7440-38-2	
Cadmium	43.0	mg/kg	9.1	25	11/19/11 09:45	11/21/11 16:24	7440-43-9	D3
Lead	5200	mg/kg	22.6	25	11/19/11 09:45	11/21/11 16:24	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	16.3	%	0.10	1		11/16/11 17:10		

Sample: SUP_SL_66_2-4_111511 Lab ID: 2510017046 Collected: 11/15/11 12:40 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	54.7	mg/kg	18.0	1	11/16/11 11:55	11/18/11 02:09		
Motor Oil Range SG	188	mg/kg	72.0	1	11/16/11 11:55	11/18/11 02:09	64742-65-0	
Surrogates								
n-Octacosane (S) SG	109	%	50-150	1	11/16/11 11:55	11/18/11 02:09	630-02-4	
o-Terphenyl (S) SG	92	%	50-150	1	11/16/11 11:55	11/18/11 02:09	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	6.4	mg/kg	5.2	1	11/17/11 07:34	11/18/11 11:32		
Surrogates								
a,a,a-Trifluorotoluene (S)	98	%	50-150	1	11/17/11 07:34	11/18/11 11:32	98-08-8	
4-Bromofluorobenzene (S)	121	%	50-150	1	11/17/11 07:34	11/18/11 11:32	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	11500	mg/kg	108	50	11/19/11 09:45	11/22/11 11:29	7440-38-2	
Cadmium	103	mg/kg	10.8	25	11/19/11 09:45	11/21/11 16:28	7440-43-9	D3
Lead	8580	mg/kg	54.1	50	11/19/11 09:45	11/22/11 11:29	7439-92-1	D4

ANALYTICAL RESULTS

Project: Western Area

Sample Project No.: 2510017

Sample: SUP_SL_66_2-4_111511 **Lab ID:** 2510017046 Collected: 11/15/11 12:40 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	15.3 %		0.10	1		11/16/11 17:10		

Sample: SUP_SL_66_4-6_111511 **Lab ID:** 2510017047 Collected: 11/15/11 12:45 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	153 mg/kg		18.5	1	11/16/11 11:55	11/17/11 22:43		
Motor Oil Range SG	422 mg/kg		73.8	1	11/16/11 11:55	11/17/11 22:43	64742-65-0	
Surrogates								
n-Octacosane (S) SG	115 %		50-150	1	11/16/11 11:55	11/17/11 22:43	630-02-4	
o-Terphenyl (S) SG	99 %		50-150	1	11/16/11 11:55	11/17/11 22:43	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		6.0	1	11/17/11 07:34	11/18/11 03:01		
Surrogates								
a,a,a-Trifluorotoluene (S)	89 %		50-150	1	11/17/11 07:34	11/18/11 03:01	98-08-8	
4-Bromofluorobenzene (S)	113 %		50-150	1	11/17/11 07:34	11/18/11 03:01	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	5410 mg/kg		41.2	25	11/19/11 09:45	11/21/11 16:32	7440-38-2	D4
Cadmium	62.1 mg/kg		8.2	25	11/19/11 09:45	11/21/11 16:32	7440-43-9	D3
Lead	6780 mg/kg		41.2	50	11/19/11 09:45	11/22/11 11:33	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	16.9 %		0.10	1		11/16/11 17:11		

Sample: SUP_SL_66_6-8_111511 **Lab ID:** 2510017048 Collected: 11/15/11 12:50 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		24.2	1	11/16/11 11:55	11/17/11 23:00		
Motor Oil Range SG	ND mg/kg		96.6	1	11/16/11 11:55	11/17/11 23:00	64742-65-0	
Surrogates								
n-Octacosane (S) SG	91 %		50-150	1	11/16/11 11:55	11/17/11 23:00	630-02-4	
o-Terphenyl (S) SG	80 %		50-150	1	11/16/11 11:55	11/17/11 23:00	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		12.1	1	11/17/11 07:34	11/18/11 03:48		
Surrogates								
a,a,a-Trifluorotoluene (S)	88 %		50-150	1	11/17/11 07:34	11/18/11 03:48	98-08-8	

ANALYTICAL RESULTS

Project: Western Area
Pace Project No.: 2510017

Sample: SUP_SL_66_6-8_111511 **Lab ID: 2510017048** Collected: 11/15/11 12:50 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	115 %		50-150	1	11/17/11 07:34	11/18/11 03:48	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	65.3 mg/kg		4.9	2	11/19/11 09:45	11/22/11 11:36	7440-38-2	
Cadmium	ND mg/kg		0.98	2	11/19/11 09:45	11/22/11 11:36	7440-43-9	D3
Lead	67.8 mg/kg		1.2	1	11/19/11 09:45	11/22/11 13:36	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	36.9 %		0.10	1		11/16/11 17:12		

Sample: SUP_SL_66_8-10_111511 **Lab ID: 2510017049** Collected: 11/15/11 12:55 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		25.4	1	11/16/11 11:55	11/17/11 23:17		
Motor Oil Range SG	ND mg/kg		102	1	11/16/11 11:55	11/17/11 23:17	64742-65-0	
Surrogates								
n-Octacosane (S) SG	65 %		50-150	1	11/16/11 11:55	11/17/11 23:17	630-02-4	
o-Terphenyl (S) SG	61 %		50-150	1	11/16/11 11:55	11/17/11 23:17	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		12.4	1	11/17/11 07:34	11/18/11 04:12		
Surrogates								
a,a,a-Trifluorotoluene (S)	80 %		50-150	1	11/17/11 07:34	11/18/11 04:12	98-08-8	
4-Bromofluorobenzene (S)	107 %		50-150	1	11/17/11 07:34	11/18/11 04:12	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	11.1 mg/kg		6.3	2	11/19/11 09:45	11/22/11 11:40	7440-38-2	
Cadmium	ND mg/kg		1.3	2	11/19/11 09:45	11/22/11 11:40	7440-43-9	D3
Lead	6.7 mg/kg		1.6	1	11/19/11 09:45	11/22/11 13:39	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	38.0 %		0.10	1		11/16/11 17:12		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: Trip Blank #2 **Lab ID: 2510017050** Collected: 11/15/11 14:15 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	5.0	1	11/17/11 07:55	11/18/11 04:59		
Surrogates								
a,a,a-Trifluorotoluene (S)	83 %		50-150	1	11/17/11 07:55	11/18/11 04:59	98-08-8	
4-Bromofluorobenzene (S)	108 %		50-150	1	11/17/11 07:55	11/18/11 04:59	460-00-4	

Sample: SUP_SL_67_0-1_111511 **Lab ID: 2510017051** Collected: 11/15/11 13:00 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	28.5	mg/kg	20.0	1	11/16/11 11:55	11/17/11 23:34		
Motor Oil Range SG	229	mg/kg	80.1	1	11/16/11 11:55	11/17/11 23:34	64742-65-0	
Surrogates								
n-Octacosane (S) SG	111 %		50-150	1	11/16/11 11:55	11/17/11 23:34	630-02-4	
o-Terphenyl (S) SG	95 %		50-150	1	11/16/11 11:55	11/17/11 23:34	84-15-1	

NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx

Gasoline Range Organics	ND	mg/kg	6.9	1	11/17/11 07:55	11/18/11 05:23		
Surrogates								
a,a,a-Trifluorotoluene (S)	83 %		50-150	1	11/17/11 07:55	11/18/11 05:23	98-08-8	
4-Bromofluorobenzene (S)	108 %		50-150	1	11/17/11 07:55	11/18/11 05:23	460-00-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050

Arsenic	ND	mg/kg	51.3	25	11/19/11 09:45	11/21/11 16:57	7440-38-2	
Cadmium	ND	mg/kg	0.82	2	11/19/11 09:45	11/22/11 11:43	7440-43-9	D3
Lead	29.5	mg/kg	25.6	25	11/19/11 09:45	11/21/11 16:57	7439-92-1	D3

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture	21.4 %		0.10	1		11/16/11 17:13		
------------------	--------	--	------	---	--	----------------	--	--

Sample: SUP_SL_67_1-2_111511 **Lab ID: 2510017052** Collected: 11/15/11 13:05 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	20.1	1	11/16/11 11:55	11/18/11 00:26		
Motor Oil Range SG	135	mg/kg	80.4	1	11/16/11 11:55	11/18/11 00:26	64742-65-0	
Surrogates								
n-Octacosane (S) SG	116 %		50-150	1	11/16/11 11:55	11/18/11 00:26	630-02-4	
o-Terphenyl (S) SG	100 %		50-150	1	11/16/11 11:55	11/18/11 00:26	84-15-1	

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_67_1-2_111511 **Lab ID:** 2510017052 Collected: 11/15/11 13:05 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	7.3	1	11/17/11 07:55	11/18/11 05:47		
Surrogates								
a,a,a-Trifluorotoluene (S)	84 %		50-150	1	11/17/11 07:55	11/18/11 05:47	98-08-8	
4-Bromofluorobenzene (S)	108 %		50-150	1	11/17/11 07:55	11/18/11 05:47	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	ND	mg/kg	60.8	25	11/19/11 09:45	11/21/11 17:08	7440-38-2	
Cadmium	ND	mg/kg	0.97	2	11/19/11 09:45	11/22/11 11:54	7440-43-9	D3
Lead	48.4	mg/kg	30.4	25	11/19/11 09:45	11/21/11 17:08	7439-92-1	D3
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	22.4 %		0.10	1		11/16/11 17:13		

Sample: SUP_SL_67_2-4_111511 **Lab ID:** 2510017053 Collected: 11/15/11 13:10 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	169	mg/kg	18.7	1	11/16/11 11:55	11/18/11 02:26		
Motor Oil Range SG	513	mg/kg	75.0	1	11/16/11 11:55	11/18/11 02:26	64742-65-0	
Surrogates								
n-Octacosane (S) SG	105 %		50-150	1	11/16/11 11:55	11/18/11 02:26	630-02-4	
o-Terphenyl (S) SG	87 %		50-150	1	11/16/11 11:55	11/18/11 02:26	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	6.6	1	11/17/11 07:55	11/18/11 06:10		
Surrogates								
a,a,a-Trifluorotoluene (S)	82 %		50-150	1	11/17/11 07:55	11/18/11 06:10	98-08-8	
4-Bromofluorobenzene (S)	107 %		50-150	1	11/17/11 07:55	11/18/11 06:10	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	ND	mg/kg	46.4	20	11/19/11 09:45	11/22/11 11:58	7440-38-2	
Cadmium	ND	mg/kg	0.46	1	11/19/11 09:45	11/22/11 13:43	7440-43-9	
Lead	ND	mg/kg	23.2	20	11/19/11 09:45	11/22/11 11:58	7439-92-1	D3
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	17.1 %		0.10	1		11/16/11 17:14		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_67_4-6_111511 **Lab ID:** 2510017054 Collected: 11/15/11 13:20 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	21.6	1	11/16/11 11:55	11/18/11 00:43		
Motor Oil Range SG	ND	mg/kg	86.3	1	11/16/11 11:55	11/18/11 00:43	64742-65-0	
Surrogates								
n-Octacosane (S) SG	72 %		50-150	1	11/16/11 11:55	11/18/11 00:43	630-02-4	
o-Terphenyl (S) SG	64 %		50-150	1	11/16/11 11:55	11/18/11 00:43	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	8.1	1	11/17/11 07:55	11/18/11 06:34		
Surrogates								
a,a,a-Trifluorotoluene (S)	78 %		50-150	1	11/17/11 07:55	11/18/11 06:34	98-08-8	
4-Bromofluorobenzene (S)	104 %		50-150	1	11/17/11 07:55	11/18/11 06:34	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	18.5	mg/kg	4.4	2	11/19/11 09:45	11/22/11 12:09	7440-38-2	
Cadmium	ND	mg/kg	0.89	2	11/19/11 09:45	11/22/11 12:09	7440-43-9	D3
Lead	686	mg/kg	2.2	2	11/19/11 09:45	11/22/11 12:09	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	26.8	%	0.10	1		11/16/11 17:14		

Sample: SUP_SL_67_6-8_111511 **Lab ID:** 2510017055 Collected: 11/15/11 13:25 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND	mg/kg	20.5	1	11/16/11 11:55	11/18/11 01:00		
Motor Oil Range SG	ND	mg/kg	81.8	1	11/16/11 11:55	11/18/11 01:00	64742-65-0	
Surrogates								
n-Octacosane (S) SG	76 %		50-150	1	11/16/11 11:55	11/18/11 01:00	630-02-4	
o-Terphenyl (S) SG	70 %		50-150	1	11/16/11 11:55	11/18/11 01:00	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND	mg/kg	7.3	1	11/17/11 07:55	11/18/11 06:58		
Surrogates								
a,a,a-Trifluorotoluene (S)	85 %		50-150	1	11/17/11 07:55	11/18/11 06:58	98-08-8	
4-Bromofluorobenzene (S)	111 %		50-150	1	11/17/11 07:55	11/18/11 06:58	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	13.6	mg/kg	4.5	2	11/19/11 09:45	11/22/11 12:12	7440-38-2	
Cadmium	ND	mg/kg	0.91	2	11/19/11 09:45	11/22/11 12:12	7440-43-9	D3
Lead	64.5	mg/kg	1.1	1	11/19/11 09:45	11/22/11 13:46	7439-92-1	

ANALYTICAL RESULTS

Project: Western Area

Project No.: 2510017

Sample: SUP_SL_67_6-8_111511 **Lab ID:** 2510017055 **Collected:** 11/15/11 13:25 **Received:** 11/15/11 16:35 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	24.7 %		0.10	1		11/16/11 17:20		

Sample: SUP_SL_67_8-10_111511 **Lab ID:** 2510017056 **Collected:** 11/15/11 13:30 **Received:** 11/15/11 16:35 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546								
Diesel Range SG	ND	mg/kg	24.9	1	11/16/11 11:55	11/18/11 01:18		
Motor Oil Range SG	ND	mg/kg	99.8	1	11/16/11 11:55	11/18/11 01:18	64742-65-0	
Surrogates								
n-Octacosane (S) SG	88 %		50-150	1	11/16/11 11:55	11/18/11 01:18	630-02-4	
o-Terphenyl (S) SG	78 %		50-150	1	11/16/11 11:55	11/18/11 01:18	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx								
Gasoline Range Organics	ND	mg/kg	9.7	1	11/17/11 07:55	11/18/11 08:09		
Surrogates								
a,a,a-Trifluorotoluene (S)	85 %		50-150	1	11/17/11 07:55	11/18/11 08:09	98-08-8	
4-Bromofluorobenzene (S)	111 %		50-150	1	11/17/11 07:55	11/18/11 08:09	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	66.4	mg/kg	5.3	2	11/19/11 09:45	11/22/11 12:16	7440-38-2	
Cadmium	ND	mg/kg	1.1	2	11/19/11 09:45	11/22/11 12:16	7440-43-9	D3
Lead	66.9	mg/kg	1.3	1	11/19/11 09:45	11/22/11 13:50	7439-92-1	
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	37.9 %		0.10	1		11/16/11 17:20		

Sample: SUP_SL_67_2-4_111511_D **Lab ID:** 2510017057 **Collected:** 11/15/11 13:15 **Received:** 11/15/11 16:35 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3546								
Diesel Range SG	34.0	mg/kg	18.6	1	11/16/11 11:55	11/18/11 01:35		
Motor Oil Range SG	ND	mg/kg	74.4	1	11/16/11 11:55	11/18/11 01:35	64742-65-0	
Surrogates								
n-Octacosane (S) SG	115 %		50-150	1	11/16/11 11:55	11/18/11 01:35	630-02-4	
o-Terphenyl (S) SG	95 %		50-150	1	11/16/11 11:55	11/18/11 01:35	84-15-1	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx								
Gasoline Range Organics	ND	mg/kg	6.2	1	11/17/11 07:55	11/18/11 15:31		
Surrogates								
a,a,a-Trifluorotoluene (S)	109 %		50-150	1	11/17/11 07:55	11/18/11 15:31	98-08-8	

Date: 03/14/2012 01:50 PM

REPORT OF LABORATORY ANALYSIS

Page 42 of 72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_67_2-4_111511_D **Lab ID:** 2510017057 Collected: 11/15/11 13:15 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	137 %		50-150	1	11/17/11 07:55	11/18/11 15:31	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	ND mg/kg		2.3	1	11/19/11 09:45	11/22/11 13:54	7440-38-2	
Cadmium	ND mg/kg		0.47	1	11/19/11 09:45	11/22/11 13:54	7440-43-9	
Lead	15.9 mg/kg		1.2	1	11/19/11 09:45	11/22/11 13:54	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	17.2 %		0.10	1		11/16/11 17:21		

Sample: SUP_SL_68_0-1_111511 **Lab ID:** 2510017058 Collected: 11/15/11 13:40 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	6260 mg/kg		196	10	11/16/11 11:55	11/18/11 04:27		
Motor Oil Range SG	9330 mg/kg		783	10	11/16/11 11:55	11/18/11 04:27	64742-65-0	
Surrogates								
n-Octacosane (S) SG	115 %		50-150	10	11/16/11 11:55	11/18/11 04:27	630-02-4	
o-Terphenyl (S) SG	93 %		50-150	10	11/16/11 11:55	11/18/11 04:27	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	26.1 mg/kg		7.3	1	11/17/11 07:55	11/18/11 16:19		
Surrogates								
a,a,a-Trifluorotoluene (S)	97 %		50-150	1	11/17/11 07:55	11/18/11 16:19	98-08-8	
4-Bromofluorobenzene (S)	131 %		50-150	1	11/17/11 07:55	11/18/11 16:19	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	68.2 mg/kg		58.3	25	11/19/11 09:45	11/21/11 17:37	7440-38-2	
Cadmium	ND mg/kg		11.7	25	11/19/11 09:45	11/21/11 17:37	7440-43-9	D3
Lead	1400 mg/kg		11.7	10	11/19/11 09:45	11/22/11 12:19	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	20.5 %		0.10	1		11/16/11 17:21		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_68_1-2_111511 **Lab ID:** 2510017059 Collected: 11/15/11 13:45 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	6880	mg/kg	181	10	11/16/11 11:55	11/18/11 04:44		
Motor Oil Range SG	8630	mg/kg	725	10	11/16/11 11:55	11/18/11 04:44	64742-65-0	
Surrogates								
n-Octacosane (S) SG	151 %		50-150	10	11/16/11 11:55	11/18/11 04:44	630-02-4	S4
o-Terphenyl (S) SG	97 %		50-150	10	11/16/11 11:55	11/18/11 04:44	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	306	mg/kg	29.5	5	11/17/11 07:55	11/19/11 05:05		
Surrogates								
a,a,a-Trifluorotoluene (S)	74 %		50-150	5	11/17/11 07:55	11/19/11 05:05	98-08-8	
4-Bromofluorobenzene (S)	124 %		50-150	5	11/17/11 07:55	11/19/11 05:05	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1820	mg/kg	56.5	25	11/19/11 09:45	11/21/11 17:40	7440-38-2	
Cadmium	ND	mg/kg	11.3	25	11/19/11 09:45	11/21/11 17:40	7440-43-9	D3
Lead	3020	mg/kg	28.3	25	11/19/11 09:45	11/21/11 17:40	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	14.1	%	0.10	1		11/16/11 17:22		

Sample: SUP_SL_68_2-4_111511 **Lab ID:** 2510017060 Collected: 11/15/11 13:50 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	3640	mg/kg	168	10	11/16/11 11:55	11/18/11 05:01		
Motor Oil Range SG	4800	mg/kg	670	10	11/16/11 11:55	11/18/11 05:01	64742-65-0	
Surrogates								
n-Octacosane (S) SG	143 %		50-150	10	11/16/11 11:55	11/18/11 05:01	630-02-4	
o-Terphenyl (S) SG	108 %		50-150	10	11/16/11 11:55	11/18/11 05:01	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	208	mg/kg	5.3	1	11/17/11 07:55	11/19/11 07:05		
Surrogates								
a,a,a-Trifluorotoluene (S)	108 %		50-150	1	11/17/11 07:55	11/19/11 07:05	98-08-8	
4-Bromofluorobenzene (S)	189 %		50-150	1	11/17/11 07:55	11/19/11 07:05	460-00-4	S5
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2420	mg/kg	48.1	25	11/19/11 09:45	11/21/11 17:44	7440-38-2	
Cadmium	ND	mg/kg	9.6	25	11/19/11 09:45	11/21/11 17:44	7440-43-9	D3
Lead	2870	mg/kg	24.0	25	11/19/11 09:45	11/21/11 17:44	7439-92-1	D4

ANALYTICAL RESULTS

Project: Western Area

Project No.: 2510017

Sample: SUP_SL_68_2-4_111511 **Lab ID:** 2510017060 Collected: 11/15/11 13:50 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.6 %		0.10	1		11/16/11 17:25		

Sample: SUP_SL_68_4-6_111511 **Lab ID:** 2510017061 Collected: 11/15/11 13:55 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	89.5 mg/kg		18.1	1	11/16/11 11:55	11/18/11 03:35		
Motor Oil Range SG	668 mg/kg		72.5	1	11/16/11 11:55	11/18/11 03:35	64742-65-0	
Surrogates								
n-Octacosane (S) SG	98 %		50-150	1	11/16/11 11:55	11/18/11 03:35	630-02-4	
o-Terphenyl (S) SG	86 %		50-150	1	11/16/11 11:55	11/18/11 03:35	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	19.0 mg/kg		5.5	1	11/17/11 07:55	11/18/11 16:43		
Surrogates								
a,a,a-Trifluorotoluene (S)	75 %		50-150	1	11/17/11 07:55	11/18/11 16:43	98-08-8	
4-Bromofluorobenzene (S)	104 %		50-150	1	11/17/11 07:55	11/18/11 16:43	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	7170 mg/kg		48.7	25	11/19/11 09:45	11/21/11 17:48	7440-38-2	
Cadmium	36.7 mg/kg		9.7	25	11/19/11 09:45	11/21/11 17:48	7440-43-9	D3
Lead	5130 mg/kg		24.4	25	11/19/11 09:45	11/21/11 17:48	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	14.5 %		0.10	1		11/16/11 17:25		

Sample: SUP_SL_68_6-8_111511 **Lab ID:** 2510017062 Collected: 11/15/11 14:00 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		20.7	1	11/16/11 11:55	11/18/11 01:52		
Motor Oil Range SG	ND mg/kg		82.8	1	11/16/11 11:55	11/18/11 01:52	64742-65-0	
Surrogates								
n-Octacosane (S) SG	99 %		50-150	1	11/16/11 11:55	11/18/11 01:52	630-02-4	
o-Terphenyl (S) SG	92 %		50-150	1	11/16/11 11:55	11/18/11 01:52	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		7.3	1	11/17/11 07:55	11/18/11 17:07		
Surrogates								
a,a,a-Trifluorotoluene (S)	146 %		50-150	1	11/17/11 07:55	11/18/11 17:07	98-08-8	

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_68_6-8_111511 **Lab ID:** 2510017062 Collected: 11/15/11 14:00 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Surrogates								
4-Bromofluorobenzene (S)	172 %		50-150	1	11/17/11 07:55	11/18/11 17:07	460-00-4	S3
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	12.0 mg/kg		5.3	2	11/19/11 09:45	11/22/11 12:23	7440-38-2	
Cadmium	ND mg/kg		1.1	2	11/19/11 09:45	11/22/11 12:23	7440-43-9	D3
Lead	138 mg/kg		1.3	1	11/19/11 09:45	11/22/11 13:57	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	25.4 %		0.10	1		11/16/11 17:26		

Sample: SUP_SL_68_8-10_111511 **Lab ID:** 2510017063 Collected: 11/15/11 14:05 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	ND mg/kg		24.4	1	11/16/11 12:30	11/17/11 19:00		
Motor Oil Range SG	ND mg/kg		97.6	1	11/16/11 12:30	11/17/11 19:00	64742-65-0	
Surrogates								
n-Octacosane (S) SG	106 %		50-150	1	11/16/11 12:30	11/17/11 19:00	630-02-4	
o-Terphenyl (S) SG	94 %		50-150	1	11/16/11 12:30	11/17/11 19:00	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	ND mg/kg		11.1	1	11/17/11 07:55	11/18/11 17:31		
Surrogates								
a,a,a-Trifluorotoluene (S)	118 %		50-150	1	11/17/11 07:55	11/18/11 17:31	98-08-8	
4-Bromofluorobenzene (S)	145 %		50-150	1	11/17/11 07:55	11/18/11 17:31	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	157 mg/kg		4.4	2	11/19/11 09:45	11/22/11 12:27	7440-38-2	
Cadmium	ND mg/kg		0.89	2	11/19/11 09:45	11/22/11 12:27	7440-43-9	D3
Lead	10.5 mg/kg		1.1	1	11/19/11 09:45	11/22/11 14:08	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	36.2 %		0.10	1		11/16/11 17:27		

ANALYTICAL RESULTS

Project: Western Area

Pace Project No.: 2510017

Sample: SUP_SL_68_1-2_111511_D **Lab ID:** 2510017064 Collected: 11/15/11 13:35 Received: 11/15/11 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3546						
Diesel Range SG	7820	mg/kg	190	10	11/16/11 12:30	11/17/11 19:34		
Motor Oil Range SG	9920	mg/kg	760	10	11/16/11 12:30	11/17/11 19:34	64742-65-0	
Surrogates								
n-Octacosane (S) SG	176	%	50-150	10	11/16/11 12:30	11/17/11 19:34	630-02-4	S4
o-Terphenyl (S) SG	118	%	50-150	10	11/16/11 12:30	11/17/11 19:34	84-15-1	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx						
Gasoline Range Organics	247	mg/kg	6.6	1	11/17/11 07:55	11/19/11 07:28		
Surrogates								
a,a,a-Trifluorotoluene (S)	112	%	50-150	1	11/17/11 07:55	11/19/11 07:28	98-08-8	
4-Bromofluorobenzene (S)	185	%	50-150	1	11/17/11 07:55	11/19/11 07:28	460-00-4	S5
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1510	mg/kg	55.9	25	11/19/11 09:45	11/21/11 17:58	7440-38-2	
Cadmium	ND	mg/kg	11.2	25	11/19/11 09:45	11/21/11 17:58	7440-43-9	D3
Lead	3240	mg/kg	28.0	25	11/19/11 09:45	11/21/11 17:58	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	17.2	%	0.10	1		11/16/11 17:28		

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: GCV/2563

Analysis Method: NWTPH-Gx

QC Batch Method: NWTPH-Gx

Analysis Description: NWTPH-Gx Solid GCV

Associated Lab Samples: 2510017001, 2510017002, 2510017003, 2510017004, 2510017005, 2510017006, 2510017007

METHOD BLANK: 94292

Matrix: Solid

Associated Lab Samples: 2510017001, 2510017002, 2510017003, 2510017004, 2510017005, 2510017006, 2510017007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	11/16/11 09:31	
4-Bromofluorobenzene (S)	%	114	50-150	11/16/11 09:31	
a,a,a-Trifluorotoluene (S)	%	92	50-150	11/16/11 09:31	

LABORATORY CONTROL SAMPLE: 94293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	13.1	105	63-140	
4-Bromofluorobenzene (S)	%			117	50-150	
a,a,a-Trifluorotoluene (S)	%			95	50-150	

SAMPLE DUPLICATE: 94969

Parameter	Units	259923002 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND		
4-Bromofluorobenzene (S)	%	118	123	4	
a,a,a-Trifluorotoluene (S)	%	93	99	6	

SAMPLE DUPLICATE: 94970

Parameter	Units	259923005 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	134	133	.8	
4-Bromofluorobenzene (S)	%	147	146	.9	
a,a,a-Trifluorotoluene (S)	%	98	99	1	

SAMPLE DUPLICATE: 94971

Parameter	Units	259908002 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	1720	1730	.4	
4-Bromofluorobenzene (S)	%	156	157	.6	S2
a,a,a-Trifluorotoluene (S)	%	100	100	.3	

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: GCV/2564 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
 Associated Lab Samples: 2510017009, 2510017010, 2510017011, 2510017012, 2510017013, 2510017014, 2510017015, 2510017017, 2510017018, 2510017019, 2510017020, 2510017021, 2510017022, 2510017023, 2510017026, 2510017027, 2510017028

METHOD BLANK: 94436 Matrix: Solid

Associated Lab Samples: 2510017009, 2510017010, 2510017011, 2510017012, 2510017013, 2510017014, 2510017015, 2510017017, 2510017018, 2510017019, 2510017020, 2510017021, 2510017022, 2510017023, 2510017026, 2510017027, 2510017028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	11/16/11 21:23	
4-Bromofluorobenzene (S)	%	136	50-150	11/16/11 21:23	
a,a,a-Trifluorotoluene (S)	%	102	50-150	11/16/11 21:23	

LABORATORY CONTROL SAMPLE: 94437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	15.1	121	63-140	
4-Bromofluorobenzene (S)	%			138	50-150	
a,a,a-Trifluorotoluene (S)	%			104	50-150	

SAMPLE DUPLICATE: 94972

Parameter	Units	2510017012 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND		
4-Bromofluorobenzene (S)	%	142	142	.4	
a,a,a-Trifluorotoluene (S)	%	112	112	.4	

SAMPLE DUPLICATE: 94973

Parameter	Units	2510017018 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND		
4-Bromofluorobenzene (S)	%	139	135	3	
a,a,a-Trifluorotoluene (S)	%	106	103	2	

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: GCV/2565 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
 Associated Lab Samples: 2510017008, 2510017016, 2510017024, 2510017025, 2510017029, 2510017030, 2510017031, 2510017035, 2510017036

METHOD BLANK: 94467 Matrix: Solid
 Associated Lab Samples: 2510017008, 2510017016, 2510017024, 2510017025, 2510017029, 2510017030, 2510017031, 2510017035, 2510017036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	11/17/11 10:38	
4-Bromofluorobenzene (S)	%	126	50-150	11/17/11 10:38	
a,a,a-Trifluorotoluene (S)	%	94	50-150	11/17/11 10:38	

LABORATORY CONTROL SAMPLE: 94468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	14.3	114	63-140	
4-Bromofluorobenzene (S)	%			130	50-150	
a,a,a-Trifluorotoluene (S)	%			98	50-150	

SAMPLE DUPLICATE: 94974

Parameter	Units	2510017029 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND		
4-Bromofluorobenzene (S)	%	144	205	35	S3
a,a,a-Trifluorotoluene (S)	%	114	171	40	S3

SAMPLE DUPLICATE: 94975

Parameter	Units	2510017031 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	7.9	8.5	7	
4-Bromofluorobenzene (S)	%	118	122	3	
a,a,a-Trifluorotoluene (S)	%	87	88	1	

QUALITY CONTROL DATA

Project: Western Area
Pace Project No.: 2510017

QC Batch: GCV/2566 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
Associated Lab Samples: 2510017037, 2510017040, 2510017041, 2510017042, 2510017043, 2510017047, 2510017048, 2510017049, 2510017050, 2510017051, 2510017052, 2510017053, 2510017054, 2510017055, 2510017056

METHOD BLANK: 94529 Matrix: Solid
Associated Lab Samples: 2510017037, 2510017040, 2510017041, 2510017042, 2510017043, 2510017047, 2510017048, 2510017049, 2510017050, 2510017051, 2510017052, 2510017053, 2510017054, 2510017055, 2510017056

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	11/17/11 21:51	
4-Bromofluorobenzene (S)	%	125	50-150	11/17/11 21:51	
a,a,a-Trifluorotoluene (S)	%	92	50-150	11/17/11 21:51	

LABORATORY CONTROL SAMPLE: 94530

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	13.7	110	63-140	
4-Bromofluorobenzene (S)	%			128	50-150	
a,a,a-Trifluorotoluene (S)	%			94	50-150	

SAMPLE DUPLICATE: 94976

Parameter	Units	2510017040 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	4.5J		
4-Bromofluorobenzene (S)	%	124	135	8	
a,a,a-Trifluorotoluene (S)	%	94	116	21	

SAMPLE DUPLICATE: 94977

Parameter	Units	2510017049 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND		
4-Bromofluorobenzene (S)	%	107	106	.5	
a,a,a-Trifluorotoluene (S)	%	80	82	2	

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: GCV/2567 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
 Associated Lab Samples: 2510017032, 2510017033, 2510017034, 2510017038, 2510017039, 2510017044, 2510017045, 2510017046, 2510017057, 2510017058, 2510017061, 2510017062, 2510017063

METHOD BLANK: 94531 Matrix: Solid
 Associated Lab Samples: 2510017032, 2510017033, 2510017034, 2510017038, 2510017039, 2510017044, 2510017045, 2510017046, 2510017057, 2510017058, 2510017061, 2510017062, 2510017063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	11/18/11 08:57	
4-Bromofluorobenzene (S)	%	116	50-150	11/18/11 08:57	
a,a,a-Trifluorotoluene (S)	%	89	50-150	11/18/11 08:57	

LABORATORY CONTROL SAMPLE: 94532

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	14.0	112	63-140	
4-Bromofluorobenzene (S)	%			119	50-150	
a,a,a-Trifluorotoluene (S)	%			97	50-150	

SAMPLE DUPLICATE: 94978

Parameter	Units	2510017057 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND		
4-Bromofluorobenzene (S)	%	137	176	25	S3
a,a,a-Trifluorotoluene (S)	%	109	145	29	

SAMPLE DUPLICATE: 94980

Parameter	Units	2510015001 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND		
4-Bromofluorobenzene (S)	%	195	146	29	
a,a,a-Trifluorotoluene (S)	%	172	112	42	

QUALITY CONTROL DATA

Project: Western Area
Pace Project No.: 2510017

QC Batch: GCV/2568 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
Associated Lab Samples: 2510017059, 2510017060, 2510017064

METHOD BLANK: 94981 Matrix: Solid
Associated Lab Samples: 2510017059, 2510017060, 2510017064

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	11/18/11 21:55	
4-Bromofluorobenzene (S)	%	122	50-150	11/18/11 21:55	
a,a,a-Trifluorotoluene (S)	%	97	50-150	11/18/11 21:55	

LABORATORY CONTROL SAMPLE: 94982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	12.5	14.3	115	63-140	
4-Bromofluorobenzene (S)	%			133	50-150	
a,a,a-Trifluorotoluene (S)	%			99	50-150	

SAMPLE DUPLICATE: 94979

Parameter	Units	2510017059 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	mg/kg	306	282	8	
4-Bromofluorobenzene (S)	%	124	122	2	
a,a,a-Trifluorotoluene (S)	%	74	74	1	

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: MPRP/2634 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 2510017034, 2510017035, 2510017036, 2510017037, 2510017038, 2510017039, 2510017040, 2510017041, 2510017042, 2510017043, 2510017044, 2510017045, 2510017046, 2510017047, 2510017048, 2510017049

METHOD BLANK: 94362 Matrix: Solid
 Associated Lab Samples: 2510017034, 2510017035, 2510017036, 2510017037, 2510017038, 2510017039, 2510017040, 2510017041, 2510017042, 2510017043, 2510017044, 2510017045, 2510017046, 2510017047, 2510017048, 2510017049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	11/21/11 15:16	
Cadmium	mg/kg	ND	0.40	11/21/11 15:16	
Lead	mg/kg	ND	1.0	11/21/11 15:16	

LABORATORY CONTROL SAMPLE: 94363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	25.6	102	80-120	
Cadmium	mg/kg	25	24.4	97	80-120	
Lead	mg/kg	25	27.4	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 94364 94365

Parameter	Units	2510017034		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result					
Arsenic	mg/kg	2690	28.2	28	28	2200	2950	-1730	946	75-125	29	M1,R1
Cadmium	mg/kg	ND	28.2	28	28	35.2	39.3	103	119	75-125	11	
Lead	mg/kg	1990	28.2	28	28	1510	2060	-1700	245	75-125	31	M1,R1

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: MPRP/2635 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 2510017051, 2510017052, 2510017053, 2510017054, 2510017055, 2510017056, 2510017057, 2510017058, 2510017059, 2510017060, 2510017061, 2510017062, 2510017063, 2510017064

METHOD BLANK: 94368 Matrix: Solid
 Associated Lab Samples: 2510017051, 2510017052, 2510017053, 2510017054, 2510017055, 2510017056, 2510017057, 2510017058, 2510017059, 2510017060, 2510017061, 2510017062, 2510017063, 2510017064

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	11/21/11 16:50	
Cadmium	mg/kg	ND	0.40	11/21/11 16:50	
Lead	mg/kg	ND	1.0	11/21/11 16:50	

LABORATORY CONTROL SAMPLE: 94369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	25.7	103	80-120	
Cadmium	mg/kg	25	25.6	102	80-120	
Lead	mg/kg	25	27.0	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 94370 94371

Parameter	Units	2510017051 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	Spike Conc.	MS Result	MSD Result					
Arsenic	mg/kg	ND	29.4	29.1	32.5J	34.7J	87	95	75-125		
Cadmium	mg/kg	ND	29.4	29.1	28.7	28.4	97	97	75-125	1	
Lead	mg/kg	29.5	29.4	29.1	59.0	60.9	100	108	75-125	3	

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: MPRP/2637 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 2510017001, 2510017002, 2510017003, 2510017004, 2510017005, 2510017006, 2510017007, 2510017008, 2510017009, 2510017010, 2510017011, 2510017012, 2510017013, 2510017014, 2510017015, 2510017016

METHOD BLANK: 94614 Matrix: Solid
 Associated Lab Samples: 2510017001, 2510017002, 2510017003, 2510017004, 2510017005, 2510017006, 2510017007, 2510017008, 2510017009, 2510017010, 2510017011, 2510017012, 2510017013, 2510017014, 2510017015, 2510017016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	11/21/11 12:24	
Cadmium	mg/kg	ND	0.40	11/21/11 12:24	
Lead	mg/kg	1.5	1.0	11/21/11 12:24	B+

LABORATORY CONTROL SAMPLE: 94615

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.8	95	80-120	
Cadmium	mg/kg	25	24.3	97	80-120	
Lead	mg/kg	25	27.0	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 94616 94617

Parameter	Units	2510017001		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result					
Arsenic	mg/kg	ND	23.8	23.4	52.2	53.8	35	43	75-125	3	M1	
Cadmium	mg/kg	ND	23.8	23.4	25.3	23.3	99	92	75-125	8		
Lead	mg/kg	2300	23.8	23.4	2050	2480	-1040	794	75-125	19	M1	

QUALITY CONTROL DATA

Project: Western Area
Pace Project No.: 2510017

QC Batch: MPRP/2638 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 2510017017, 2510017018, 2510017019, 2510017020, 2510017021, 2510017022, 2510017023, 2510017024, 2510017025, 2510017026, 2510017027, 2510017028, 2510017029, 2510017031, 2510017032, 2510017033

METHOD BLANK: 94618 Matrix: Solid
Associated Lab Samples: 2510017017, 2510017018, 2510017019, 2510017020, 2510017021, 2510017022, 2510017023, 2510017024, 2510017025, 2510017026, 2510017027, 2510017028, 2510017029, 2510017031, 2510017032, 2510017033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	11/21/11 13:50	
Cadmium	mg/kg	ND	0.40	11/21/11 13:50	
Lead	mg/kg	ND	1.0	11/21/11 13:50	

LABORATORY CONTROL SAMPLE: 94619

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.8	95	80-120	
Cadmium	mg/kg	25	24.4	97	80-120	
Lead	mg/kg	25	25.8	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 94620 94621

Parameter	Units	2510017017		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result					
Arsenic	mg/kg	1650	20.1	20.6	1760	1620	533	-141	75-125	8	M1	
Cadmium	mg/kg	ND	20.1	20.6	23.2	23.0	94	91	75-125	.8		
Lead	mg/kg	1940	20.1	20.6	2120	1930	904	-42	75-125	9	M1	

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: OEXT/4753 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
 Associated Lab Samples: 2510017001, 2510017002, 2510017003, 2510017004, 2510017005, 2510017006, 2510017007, 2510017008,
 2510017009, 2510017010, 2510017011, 2510017012, 2510017013, 2510017014, 2510017015, 2510017016,
 2510017017, 2510017018, 2510017019, 2510017020

METHOD BLANK: 94297 Matrix: Solid

Associated Lab Samples: 2510017001, 2510017002, 2510017003, 2510017004, 2510017005, 2510017006, 2510017007, 2510017008,
 2510017009, 2510017010, 2510017011, 2510017012, 2510017013, 2510017014, 2510017015, 2510017016,
 2510017017, 2510017018, 2510017019, 2510017020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	11/16/11 17:40	
Motor Oil Range SG	mg/kg	ND	64.0	11/16/11 17:40	
n-Octacosane (S) SG	%	120	50-150	11/16/11 17:40	
o-Terphenyl (S) SG	%	103	50-150	11/16/11 17:40	

LABORATORY CONTROL SAMPLE: 94298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	400	384	96	69-113	
Motor Oil Range SG	mg/kg	400	449	112	75-119	
n-Octacosane (S) SG	%			120	50-150	
o-Terphenyl (S) SG	%			103	50-150	

SAMPLE DUPLICATE: 94299

Parameter	Units	2510017001 Result	Dup Result	RPD	Qualifiers
Diesel Range SG	mg/kg	1590	1850	15	
Motor Oil Range SG	mg/kg	5980	6240	4	
n-Octacosane (S) SG	%	116	115	.3	
o-Terphenyl (S) SG	%	89	89	.3	

SAMPLE DUPLICATE: 94300

Parameter	Units	2510017011 Result	Dup Result	RPD	Qualifiers
Diesel Range SG	mg/kg	254	313	21	
Motor Oil Range SG	mg/kg	846	848	.3	
n-Octacosane (S) SG	%	119	100	19	
o-Terphenyl (S) SG	%	104	87	19	

QUALITY CONTROL DATA

Project: Western Area
Pace Project No.: 2510017

QC Batch: OEXT/4756 Analysis Method: NWTPH-Dx
QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
Associated Lab Samples: 2510017021, 2510017022, 2510017023, 2510017024, 2510017025, 2510017026, 2510017027, 2510017028, 2510017029, 2510017031, 2510017032, 2510017033, 2510017034, 2510017035, 2510017036, 2510017037, 2510017038, 2510017039, 2510017040, 2510017041

METHOD BLANK: 94341 Matrix: Solid

Associated Lab Samples: 2510017021, 2510017022, 2510017023, 2510017024, 2510017025, 2510017026, 2510017027, 2510017028, 2510017029, 2510017031, 2510017032, 2510017033, 2510017034, 2510017035, 2510017036, 2510017037, 2510017038, 2510017039, 2510017040, 2510017041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	11/17/11 16:42	
Motor Oil Range SG	mg/kg	ND	64.0	11/17/11 16:42	
n-Octacosane (S) SG	%	103	50-150	11/17/11 16:42	
o-Terphenyl (S) SG	%	87	50-150	11/17/11 16:42	

LABORATORY CONTROL SAMPLE: 94342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	400	299	75	69-113	
Motor Oil Range SG	mg/kg	400	372	93	75-119	
n-Octacosane (S) SG	%			92	50-150	
o-Terphenyl (S) SG	%			77	50-150	

SAMPLE DUPLICATE: 94343

Parameter	Units	2510017021 Result	Dup Result	RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND		
Motor Oil Range SG	mg/kg	ND	ND		
n-Octacosane (S) SG	%	88	80	7	
o-Terphenyl (S) SG	%	77	70	8	

SAMPLE DUPLICATE: 94344

Parameter	Units	2510017032 Result	Dup Result	RPD	Qualifiers
Diesel Range SG	mg/kg	300	498	50	
Motor Oil Range SG	mg/kg	363	626	53	R1
n-Octacosane (S) SG	%	110	119	7	
o-Terphenyl (S) SG	%	92	99	7	

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: OEXT/4757 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
 Associated Lab Samples: 2510017042, 2510017043, 2510017044, 2510017045, 2510017046, 2510017047, 2510017048, 2510017049,
 2510017051, 2510017052, 2510017053, 2510017054, 2510017055, 2510017056, 2510017057, 2510017058,
 2510017059, 2510017060, 2510017061, 2510017062

METHOD BLANK: 94373 Matrix: Solid

Associated Lab Samples: 2510017042, 2510017043, 2510017044, 2510017045, 2510017046, 2510017047, 2510017048, 2510017049,
 2510017051, 2510017052, 2510017053, 2510017054, 2510017055, 2510017056, 2510017057, 2510017058,
 2510017059, 2510017060, 2510017061, 2510017062

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	11/17/11 21:17	
Motor Oil Range SG	mg/kg	ND	64.0	11/17/11 21:17	
n-Octacosane (S) SG	%	116	50-150	11/17/11 21:17	
o-Terphenyl (S) SG	%	97	50-150	11/17/11 21:17	

LABORATORY CONTROL SAMPLE: 94374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	400	361	90	69-113	
Motor Oil Range SG	mg/kg	400	416	104	75-119	
n-Octacosane (S) SG	%			108	50-150	
o-Terphenyl (S) SG	%			93	50-150	

SAMPLE DUPLICATE: 94375

Parameter	Units	2510017042 Result	Dup Result	RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND		
Motor Oil Range SG	mg/kg	ND	ND		
n-Octacosane (S) SG	%	76	90	17	
o-Terphenyl (S) SG	%	72	79	10	

SAMPLE DUPLICATE: 94376

Parameter	Units	2510017053 Result	Dup Result	RPD	Qualifiers
Diesel Range SG	mg/kg	169	157	7	
Motor Oil Range SG	mg/kg	513	473	8	
n-Octacosane (S) SG	%	105	114	9	
o-Terphenyl (S) SG	%	87	98	12	

QUALITY CONTROL DATA

Project: Western Area
Pace Project No.: 2510017

QC Batch: OEXT/4758 Analysis Method: NWTPH-Dx
QC Batch Method: EPA 3546 Analysis Description: NWTPH-Dx GCS
Associated Lab Samples: 2510017063, 2510017064

METHOD BLANK: 94399 Matrix: Solid
Associated Lab Samples: 2510017063, 2510017064

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/kg	ND	16.0	11/17/11 18:25	
Motor Oil Range SG	mg/kg	ND	64.0	11/17/11 18:25	
n-Octacosane (S) SG	%	122	50-150	11/17/11 18:25	
o-Terphenyl (S) SG	%	103	50-150	11/17/11 18:25	

LABORATORY CONTROL SAMPLE: 94400

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/kg	400	369	92	69-113	
Motor Oil Range SG	mg/kg	400	447	112	75-119	
n-Octacosane (S) SG	%			124	50-150	
o-Terphenyl (S) SG	%			105	50-150	

SAMPLE DUPLICATE: 94401

Parameter	Units	2510017063 Result	Dup Result	RPD	Qualifiers
Diesel Range SG	mg/kg	ND	ND		
Motor Oil Range SG	mg/kg	ND	ND		
n-Octacosane (S) SG	%	106	108	3	
o-Terphenyl (S) SG	%	94	96	4	

QUALITY CONTROL DATA

Project: Western Area
Pace Project No.: 2510017

QC Batch:	PMST/1892	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	2510017001, 2510017002, 2510017003, 2510017004, 2510017005, 2510017006, 2510017007, 2510017008, 2510017009, 2510017010, 2510017011, 2510017012		

SAMPLE DUPLICATE: 94477

Parameter	Units	2510023002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	12.6	11.7	8	

SAMPLE DUPLICATE: 94478

Parameter	Units	2510017004 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	36.4	33.3	9	

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: PMST/1893 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 2510017013, 2510017014, 2510017015, 2510017016, 2510017017, 2510017018, 2510017019, 2510017020,
 2510017021, 2510017022, 2510017023, 2510017024, 2510017025, 2510017026, 2510017027, 2510017028,
 2510017029, 2510017031, 2510017032, 2510017033

SAMPLE DUPLICATE: 94479

Parameter	Units	2510017013 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	34.1	35.0	3	

SAMPLE DUPLICATE: 94480

Parameter	Units	2510017024 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	6.1	7.3	17	

QUALITY CONTROL DATA

Project: Western Area

Pace Project No.: 2510017

QC Batch: PMST/1894

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 2510017034, 2510017035, 2510017036, 2510017037, 2510017038, 2510017039, 2510017040, 2510017041, 2510017042, 2510017043, 2510017044, 2510017045, 2510017046, 2510017047, 2510017048, 2510017049, 2510017051, 2510017052, 2510017053, 2510017054

SAMPLE DUPLICATE: 94481

Parameter	Units	2510017039 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	4.3	4.3	1	

SAMPLE DUPLICATE: 94482

Parameter	Units	2510017046 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	15.3	14.1	8	

QUALITY CONTROL DATA

Project: Western Area
Pace Project No.: 2510017

QC Batch: PMST/1895 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 2510017055, 2510017056, 2510017057, 2510017058, 2510017059, 2510017060, 2510017061, 2510017062,
 2510017063, 2510017064

SAMPLE DUPLICATE: 94483

Parameter	Units	2510017059 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.1	13.9	2	

SAMPLE DUPLICATE: 94484

Parameter	Units	2510015004 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	12.2	13.2	8	

QUALIFIERS

Project: Western Area

Pace Project No.: 2510017

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

- B+ Analyte was detected in the associated method blank as well as in the sample.
- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- D4 Sample was diluted due to the presence of high levels of target analytes.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- R1 RPD value was outside control limits.
- S2 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
- S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- S4 Surrogate recovery not evaluated against control limits due to sample dilution.
- S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Western Area

Pace Project No.: 2510017

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2510017001	SUP_SL_60_0-1_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017002	SUP_SL_60_1-2_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017003	SUP_SL_60_2-4_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017004	SUP_SL_60_4-6_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017005	SUP_SL_60_6-8_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017006	SUP_SL_60_8-10_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017007	SUP_SL_60_10-12_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017008	SUP_SL_61_0-1_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017009	SUP_SL_61_1-2_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017010	SUP_SL_61_2-4_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017011	SUP_SL_61_4-6_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017012	SUP_SL_61_6-8_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017013	SUP_SL_61_8-10_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017014	SUP_SL_61_10-12_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017015	SUP_SL_62_0-1_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017016	SUP_SL_62_1-2_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017017	SUP_SL_62_2-4_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017018	SUP_SL_62_4-6_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017019	SUP_SL_62_6-8_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017020	SUP_SL_62_8-10_111511	EPA 3546	OEXT/4753	NWTPH-Dx	GCSV/3098
2510017021	SUP_SL_62_10-12_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017022	SUP_SL_63_0-1_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017023	SUP_SL_63_1-2_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017024	SUP_SL_63_2-4_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017025	SUP_SL_63_4-6_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017026	SUP_SL_63_6-8_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017027	SUP_SL_63_8-10_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017028	SUP_SL_63_10-12_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017029	SUP_SL_63_4-6_111511_D	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017031	SUP_SL_64_0-1_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017032	SUP_SL_64_1-2_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017033	SUP_SL_64_2-4_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017034	SUP_SL_64_4-6_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017035	SUP_SL_64_6-8_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017036	SUP_SL_64_8-10_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017037	SUP_SL_65_0-1_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017038	SUP_SL_65_1-2_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017039	SUP_SL_65_2-4_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017040	SUP_SL_65_4-6_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017041	SUP_SL_65_6-8_111511	EPA 3546	OEXT/4756	NWTPH-Dx	GCSV/3099
2510017042	SUP_SL_65_8-10_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017043	SUP_SL_65_8-10_111511_D	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017044	SUP_SL_66_0-1_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017045	SUP_SL_66_1-2_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017046	SUP_SL_66_2-4_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017047	SUP_SL_66_4-6_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017048	SUP_SL_66_6-8_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017049	SUP_SL_66_8-10_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2510017051	SUP_SL_67_0-1_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017052	SUP_SL_67_1-2_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017053	SUP_SL_67_2-4_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017054	SUP_SL_67_4-6_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017055	SUP_SL_67_6-8_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017056	SUP_SL_67_8-10_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017057	SUP_SL_67_2-4_111511_D	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017058	SUP_SL_68_0-1_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017059	SUP_SL_68_1-2_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017060	SUP_SL_68_2-4_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017061	SUP_SL_68_4-6_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017062	SUP_SL_68_6-8_111511	EPA 3546	OEXT/4757	NWTPH-Dx	GCSV/3102
2510017063	SUP_SL_68_8-10_111511	EPA 3546	OEXT/4758	NWTPH-Dx	GCSV/3101
2510017064	SUP_SL_68_1-2_111511_D	EPA 3546	OEXT/4758	NWTPH-Dx	GCSV/3101
2510017001	SUP_SL_60_0-1_111511	NWTPH-Gx	GCV/2563	NWTPH-Gx	GCV/2571
2510017002	SUP_SL_60_1-2_111511	NWTPH-Gx	GCV/2563	NWTPH-Gx	GCV/2571
2510017003	SUP_SL_60_2-4_111511	NWTPH-Gx	GCV/2563	NWTPH-Gx	GCV/2571
2510017004	SUP_SL_60_4-6_111511	NWTPH-Gx	GCV/2563	NWTPH-Gx	GCV/2571
2510017005	SUP_SL_60_6-8_111511	NWTPH-Gx	GCV/2563	NWTPH-Gx	GCV/2571
2510017006	SUP_SL_60_8-10_111511	NWTPH-Gx	GCV/2563	NWTPH-Gx	GCV/2571
2510017007	SUP_SL_60_10-12_111511	NWTPH-Gx	GCV/2563	NWTPH-Gx	GCV/2571
2510017008	SUP_SL_61_0-1_111511	NWTPH-Gx	GCV/2565	NWTPH-Gx	GCV/2573
2510017009	SUP_SL_61_1-2_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017010	SUP_SL_61_2-4_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017011	SUP_SL_61_4-6_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017012	SUP_SL_61_6-8_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017013	SUP_SL_61_8-10_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017014	SUP_SL_61_10-12_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017015	SUP_SL_62_0-1_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017016	SUP_SL_62_1-2_111511	NWTPH-Gx	GCV/2565	NWTPH-Gx	GCV/2573
2510017017	SUP_SL_62_2-4_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017018	SUP_SL_62_4-6_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017019	SUP_SL_62_6-8_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017020	SUP_SL_62_8-10_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017021	SUP_SL_62_10-12_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017022	SUP_SL_63_0-1_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017023	SUP_SL_63_1-2_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017024	SUP_SL_63_2-4_111511	NWTPH-Gx	GCV/2565	NWTPH-Gx	GCV/2573
2510017025	SUP_SL_63_4-6_111511	NWTPH-Gx	GCV/2565	NWTPH-Gx	GCV/2573
2510017026	SUP_SL_63_6-8_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017027	SUP_SL_63_8-10_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017028	SUP_SL_63_10-12_111511	NWTPH-Gx	GCV/2564	NWTPH-Gx	GCV/2572
2510017029	SUP_SL_63_4-6_111511_D	NWTPH-Gx	GCV/2565	NWTPH-Gx	GCV/2573
2510017030	Trip Blank #1	NWTPH-Gx	GCV/2565	NWTPH-Gx	GCV/2573

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2510017031	SUP_SL_64_0-1_111511	NWTPH-Gx	GCV/2565	NWTPH-Gx	GCV/2573
2510017032	SUP_SL_64_1-2_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017033	SUP_SL_64_2-4_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017034	SUP_SL_64_4-6_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017035	SUP_SL_64_6-8_111511	NWTPH-Gx	GCV/2565	NWTPH-Gx	GCV/2573
2510017036	SUP_SL_64_8-10_111511	NWTPH-Gx	GCV/2565	NWTPH-Gx	GCV/2573
2510017037	SUP_SL_65_0-1_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017038	SUP_SL_65_1-2_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017039	SUP_SL_65_2-4_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017040	SUP_SL_65_4-6_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017041	SUP_SL_65_6-8_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017042	SUP_SL_65_8-10_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017043	SUP_SL_65_8-10_111511_D	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017044	SUP_SL_66_0-1_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017045	SUP_SL_66_1-2_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017046	SUP_SL_66_2-4_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017047	SUP_SL_66_4-6_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017048	SUP_SL_66_6-8_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017049	SUP_SL_66_8-10_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017050	Trip Blank #2	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017051	SUP_SL_67_0-1_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017052	SUP_SL_67_1-2_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017053	SUP_SL_67_2-4_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017054	SUP_SL_67_4-6_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017055	SUP_SL_67_6-8_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017056	SUP_SL_67_8-10_111511	NWTPH-Gx	GCV/2566	NWTPH-Gx	GCV/2574
2510017057	SUP_SL_67_2-4_111511_D	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017058	SUP_SL_68_0-1_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017059	SUP_SL_68_1-2_111511	NWTPH-Gx	GCV/2568	NWTPH-Gx	GCV/2576
2510017060	SUP_SL_68_2-4_111511	NWTPH-Gx	GCV/2568	NWTPH-Gx	GCV/2576
2510017061	SUP_SL_68_4-6_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017062	SUP_SL_68_6-8_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017063	SUP_SL_68_8-10_111511	NWTPH-Gx	GCV/2567	NWTPH-Gx	GCV/2575
2510017064	SUP_SL_68_1-2_111511_D	NWTPH-Gx	GCV/2568	NWTPH-Gx	GCV/2576
2510017001	SUP_SL_60_0-1_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017002	SUP_SL_60_1-2_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017003	SUP_SL_60_2-4_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017004	SUP_SL_60_4-6_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017005	SUP_SL_60_6-8_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017006	SUP_SL_60_8-10_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017007	SUP_SL_60_10-12_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017008	SUP_SL_61_0-1_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017009	SUP_SL_61_1-2_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Western Area

Pace Project No.: 2510017

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2510017010	SUP_SL_61_2-4_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017011	SUP_SL_61_4-6_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017012	SUP_SL_61_6-8_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017013	SUP_SL_61_8-10_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017014	SUP_SL_61_10-12_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017015	SUP_SL_62_0-1_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017016	SUP_SL_62_1-2_111511	EPA 3050	MPRP/2637	EPA 6010	ICP/2501
2510017017	SUP_SL_62_2-4_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017018	SUP_SL_62_4-6_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017019	SUP_SL_62_6-8_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017020	SUP_SL_62_8-10_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017021	SUP_SL_62_10-12_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017022	SUP_SL_63_0-1_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017023	SUP_SL_63_1-2_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017024	SUP_SL_63_2-4_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017025	SUP_SL_63_4-6_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017026	SUP_SL_63_6-8_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017027	SUP_SL_63_8-10_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017028	SUP_SL_63_10-12_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017029	SUP_SL_63_4-6_111511_D	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017031	SUP_SL_64_0-1_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017032	SUP_SL_64_1-2_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017033	SUP_SL_64_2-4_111511	EPA 3050	MPRP/2638	EPA 6010	ICP/2502
2510017034	SUP_SL_64_4-6_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017035	SUP_SL_64_6-8_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017036	SUP_SL_64_8-10_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017037	SUP_SL_65_0-1_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017038	SUP_SL_65_1-2_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017039	SUP_SL_65_2-4_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017040	SUP_SL_65_4-6_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017041	SUP_SL_65_6-8_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017042	SUP_SL_65_8-10_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017043	SUP_SL_65_8-10_111511_D	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017044	SUP_SL_66_0-1_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017045	SUP_SL_66_1-2_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017046	SUP_SL_66_2-4_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017047	SUP_SL_66_4-6_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017048	SUP_SL_66_6-8_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017049	SUP_SL_66_8-10_111511	EPA 3050	MPRP/2634	EPA 6010	ICP/2504
2510017051	SUP_SL_67_0-1_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017052	SUP_SL_67_1-2_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017053	SUP_SL_67_2-4_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017054	SUP_SL_67_4-6_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017055	SUP_SL_67_6-8_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017056	SUP_SL_67_8-10_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017057	SUP_SL_67_2-4_111511_D	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017058	SUP_SL_68_0-1_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2510017059	SUP_SL_68_1-2_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017060	SUP_SL_68_2-4_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017061	SUP_SL_68_4-6_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017062	SUP_SL_68_6-8_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017063	SUP_SL_68_8-10_111511	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017064	SUP_SL_68_1-2_111511_D	EPA 3050	MPRP/2635	EPA 6010	ICP/2505
2510017001	SUP_SL_60_0-1_111511	ASTM D2974-87	PMST/1892		
2510017002	SUP_SL_60_1-2_111511	ASTM D2974-87	PMST/1892		
2510017003	SUP_SL_60_2-4_111511	ASTM D2974-87	PMST/1892		
2510017004	SUP_SL_60_4-6_111511	ASTM D2974-87	PMST/1892		
2510017005	SUP_SL_60_6-8_111511	ASTM D2974-87	PMST/1892		
2510017006	SUP_SL_60_8-10_111511	ASTM D2974-87	PMST/1892		
2510017007	SUP_SL_60_10-12_111511	ASTM D2974-87	PMST/1892		
2510017008	SUP_SL_61_0-1_111511	ASTM D2974-87	PMST/1892		
2510017009	SUP_SL_61_1-2_111511	ASTM D2974-87	PMST/1892		
2510017010	SUP_SL_61_2-4_111511	ASTM D2974-87	PMST/1892		
2510017011	SUP_SL_61_4-6_111511	ASTM D2974-87	PMST/1892		
2510017012	SUP_SL_61_6-8_111511	ASTM D2974-87	PMST/1892		
2510017013	SUP_SL_61_8-10_111511	ASTM D2974-87	PMST/1893		
2510017014	SUP_SL_61_10-12_111511	ASTM D2974-87	PMST/1893		
2510017015	SUP_SL_62_0-1_111511	ASTM D2974-87	PMST/1893		
2510017016	SUP_SL_62_1-2_111511	ASTM D2974-87	PMST/1893		
2510017017	SUP_SL_62_2-4_111511	ASTM D2974-87	PMST/1893		
2510017018	SUP_SL_62_4-6_111511	ASTM D2974-87	PMST/1893		
2510017019	SUP_SL_62_6-8_111511	ASTM D2974-87	PMST/1893		
2510017020	SUP_SL_62_8-10_111511	ASTM D2974-87	PMST/1893		
2510017021	SUP_SL_62_10-12_111511	ASTM D2974-87	PMST/1893		
2510017022	SUP_SL_63_0-1_111511	ASTM D2974-87	PMST/1893		
2510017023	SUP_SL_63_1-2_111511	ASTM D2974-87	PMST/1893		
2510017024	SUP_SL_63_2-4_111511	ASTM D2974-87	PMST/1893		
2510017025	SUP_SL_63_4-6_111511	ASTM D2974-87	PMST/1893		
2510017026	SUP_SL_63_6-8_111511	ASTM D2974-87	PMST/1893		
2510017027	SUP_SL_63_8-10_111511	ASTM D2974-87	PMST/1893		
2510017028	SUP_SL_63_10-12_111511	ASTM D2974-87	PMST/1893		
2510017029	SUP_SL_63_4-6_111511_D	ASTM D2974-87	PMST/1893		
2510017031	SUP_SL_64_0-1_111511	ASTM D2974-87	PMST/1893		
2510017032	SUP_SL_64_1-2_111511	ASTM D2974-87	PMST/1893		
2510017033	SUP_SL_64_2-4_111511	ASTM D2974-87	PMST/1893		
2510017034	SUP_SL_64_4-6_111511	ASTM D2974-87	PMST/1894		
2510017035	SUP_SL_64_6-8_111511	ASTM D2974-87	PMST/1894		
2510017036	SUP_SL_64_8-10_111511	ASTM D2974-87	PMST/1894		
2510017037	SUP_SL_65_0-1_111511	ASTM D2974-87	PMST/1894		
2510017038	SUP_SL_65_1-2_111511	ASTM D2974-87	PMST/1894		
2510017039	SUP_SL_65_2-4_111511	ASTM D2974-87	PMST/1894		
2510017040	SUP_SL_65_4-6_111511	ASTM D2974-87	PMST/1894		
2510017041	SUP_SL_65_6-8_111511	ASTM D2974-87	PMST/1894		
2510017042	SUP_SL_65_8-10_111511	ASTM D2974-87	PMST/1894		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Western Area
Pace Project No.: 2510017

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2510017043	SUP_SL_65_8-10_111511_D	ASTM D2974-87	PMST/1894		
2510017044	SUP_SL_66_0-1_111511	ASTM D2974-87	PMST/1894		
2510017045	SUP_SL_66_1-2_111511	ASTM D2974-87	PMST/1894		
2510017046	SUP_SL_66_2-4_111511	ASTM D2974-87	PMST/1894		
2510017047	SUP_SL_66_4-6_111511	ASTM D2974-87	PMST/1894		
2510017048	SUP_SL_66_6-8_111511	ASTM D2974-87	PMST/1894		
2510017049	SUP_SL_66_8-10_111511	ASTM D2974-87	PMST/1894		
2510017051	SUP_SL_67_0-1_111511	ASTM D2974-87	PMST/1894		
2510017052	SUP_SL_67_1-2_111511	ASTM D2974-87	PMST/1894		
2510017053	SUP_SL_67_2-4_111511	ASTM D2974-87	PMST/1894		
2510017054	SUP_SL_67_4-6_111511	ASTM D2974-87	PMST/1894		
2510017055	SUP_SL_67_6-8_111511	ASTM D2974-87	PMST/1895		
2510017056	SUP_SL_67_8-10_111511	ASTM D2974-87	PMST/1895		
2510017057	SUP_SL_67_2-4_111511_D	ASTM D2974-87	PMST/1895		
2510017058	SUP_SL_68_0-1_111511	ASTM D2974-87	PMST/1895		
2510017059	SUP_SL_68_1-2_111511	ASTM D2974-87	PMST/1895		
2510017060	SUP_SL_68_2-4_111511	ASTM D2974-87	PMST/1895		
2510017061	SUP_SL_68_4-6_111511	ASTM D2974-87	PMST/1895		
2510017062	SUP_SL_68_6-8_111511	ASTM D2974-87	PMST/1895		
2510017063	SUP_SL_68_8-10_111511	ASTM D2974-87	PMST/1895		
2510017064	SUP_SL_68_1-2_111511_D	ASTM D2974-87	PMST/1895		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: February 21, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 2510387
Sample Date(s): December 19, 2011 through December 20, 2011

This review summarizes the data quality of analytical results generated in support of the December 19, 2011 through December 20, 2011 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. Data reported by the laboratory was evaluated to determine usability for project purposes. This review summarizes the data quality in sample delivery group 2510387.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2510387



Delivery Group Summary

Seven groundwater samples and one groundwater trip blank were collected by Pacific Environmental Redevelopment Corporation on December 19, 2011 and December 20, 2011. Samples were hand delivered to Pace Analytical Services in Seattle, Washington on December 20, 2011. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), total and dissolved metals (mercury), diesel range organics, gasoline range organics, semivolatile organic compounds (pentachlorophenol only), and volatile organic compounds (VOCs) by methods 6010, 7470, NWTPH-Dx, NWTPH-Gx, 8270, and 8260, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 are of acceptable quality. None of the results were qualified.
- Total and dissolved mercury results by method 7470 have 100% of the results qualified.
- Pentachlorophenol results by method 8270 have 71.4% of the results qualified.
- VOC results by method 8260 have 4.1% of the results qualified.
- Diesel range organic results by method NWTPH-Dx have 71.4% of the results qualified.
- Gasoline range organic results by method NWTPH-Gx are of acceptable quality. None of the results were qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:			
Collected by the Field Crew		Provided by the Laboratory	
Soil= 0 Samples	Groundwater= 7 Samples	Trip Blank (Soil)= 0 Samples	Trip Blank (Groundwater)= 1 Sample
	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury 8270 Pentachlorophenol Only 8260 VOCs NWTPH-Dx NWTPH-Gx		NWTPH-Gx 8260 VOCs



Representativeness

Holding Time:

Criteria Used to Qualify Data Associated with Holding Times:

- 1) Due to limited information concerning holding times for soil samples, it is left to the discretion of the reviewer to apply water holding time criteria to soil samples.
- 2) If holding times exceed:
 - a. Positive results are flagged as estimated (J).
 - b. Negative results are flagged with the sample quantitation limit as estimated (UJ).
- 3) If holding times grossly exceed upon first analysis or re-analysis:
 - a. Positive results are flagged as estimated (J or UJ).
 - b. Negative results are flagged as unusable (R).

Action: The following sample results exceeded holding times and were qualified based on the criteria above:

Field ID	Lab ID	Analytes/ Methods	Date Collected	Date Prepared	Date Analyzed	HT	Number of Days Past HT	Comment
SUP_MW_1_121911 SUP_MW_2_121911 SUP_MW_3_121911 SUP_MW_4_121911 SUP_MW_5_121911	2510387001 2510387002 2510387003 2510387004 2510387005	8270 Pentachlor ophenol	12/19/11	12/23/11	12/27/11	7 days	1	Slight exceedances of holding time. Qualified based on criteria 2a and 2b.
SUP_MW_1_121911 SUP_MW_2_121911 SUP_MW_3_121911 SUP_MW_4_121911 SUP_MW_5_121911	2510387001 2510387002 2510387003 2510387004 2510387005	NWTPH-Dx (Diesel Range SG and Motor Oil Range SG)	12/19/11	12/27/11	12/27/11	7 days to extract, 40 days after extraction	1	Slight exceedances of holding time. Qualified based on criteria 2b.

Accuracy

Surrogates:

All surrogate recoveries were within the control limits.

Action: No action was taken based on the evaluation of surrogate recoveries.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples. All samples were transported via three coolers with trip blanks. Due to the way the chain-of-custody was filled out the lab only ran Trip Blank 1.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
2510387008	Trip Blank	SUP_MW_1_121911	2510387001	Carbon disulfide	0.23 J	ug/L
		SUP_MW_2_121911	2510387002	Trichloroethene	0.33 J	ug/L
		SUP_MW_3_121911	2510387003			
98401	Method Blank	SUP_MW_1_121911	2510387001	Mercury	0.000029 J	mg/L
		SUP_MW_2_121911	2510387002			
		SUP_MW_3_121911	2510387003			
		SUP_MW_4_121911	2510387004			
		SUP_MW_5_121911	2510387005			
		SUP_MW_6_122011	2510387006			



		SUP_MW_7_122011	2510387007			
98405	Method Blank	SUP_MW_1_121911	2510387001	Mercury, Dissolved	0.000031 J	mg/L
		SUP_MW_2_121911	2510387002			
		SUP_MW_3_121911	2510387003			
		SUP_MW_4_121911	2510387004			
		SUP_MW_5_121911	2510387005			
		SUP_MW_6_122011	2510387006			
		SUP_MW_7_122011	2510387007			
98065	Method Blank	SUP_MW_1_121911	2510387001	1,2,4-Trichlorobenzene	0.93 J	ug/L
				Acetone	4.5 J	ug/L
				Methylene chloride	1.3 J	ug/L
				Naphthalene	1.5 J	ug/L
98203	Method Blank	SUP_MW_2_121911	2510387002	cis-1,2-Dichloroethene	0.16 J	ug/L
		SUP_MW_3_121911	2510387003			
		SUP_MW_4_121911	2510387004			
		SUP_MW_5_121911	2510387005			
		SUP_MW_6_122011	2510387006			
		SUP_MW_7_122011	2510387007			

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	cis-1,2-Dichloroethene		
SUP_MW_2_121911	2510387002	98203	Method Blank. Qualified based on criteria 4.
SUP_MW_3_121911	2510387003		
SUP_MW_4_121911	2510387004		
SUP_MW_5_121911	2510387005		
SUP_MW_6_122011	2510387006		
SUP_MW_7_122011	2510387007		
Analyte:	Mercury		
SUP_MW_1_121911	2510387001	98401	Method Blank. Qualified based on criteria 4 and 6.
SUP_MW_2_121911	2510387002		
SUP_MW_3_121911	2510387003		
SUP_MW_4_121911	2510387004		



SUP_MW_5_121911	2510387005		
SUP_MW_6_122011	2510387006		
SUP_MW_7_122011	2510387007		
Analyte:	Mercury, Dissolved		
SUP_MW_1_121911	2510387001	98405	Method Blank. Qualified based on criteria 6.
SUP_MW_2_121911	2510387002		
SUP_MW_3_121911	2510387003		
SUP_MW_4_121911	2510387004		
SUP_MW_5_121911	2510387005		
SUP_MW_6_122011	2510387006		
SUP_MW_7_122011	2510387007		
Analyte:	Naphthalene		
SUP_MW_1_121911	2510387001	98065	Method Blank. Qualified based on criteria 4.
Analyte:	Trichloroethene		
SUP_MW_2_121911	2510387002	98203	Method Blank. Qualified based on criteria 4.
SUP_MW_3_121911	2510387003		
SUP_MW_4_121911	2510387004		
SUP_MW_5_121911	2510387005		
SUP_MW_6_122011	2510387006		
SUP_MW_7_122011	2510387007		
SUP_MW_1_121911	2510387001	2510387008	Trip Blank. Qualified based on criteria 4.
Analyte:	Carbon disulfide		
SUP_MW_1_121911	2510387001	2510387008	Trip Blank. Qualified based on criteria 4.
SUP_MW_2_121911	2510387002		
SUP_MW_3_121911	2510387003		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for method NWTPH-Dx. Method NWTPH-Dx did not have a MS/MSD prepared and analyzed. All other methods (6010, 7470, 8270, 8260, and NWTPH-Gx) had MS/MSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following sample results exceeded control limits for the MS/MSD. No action was taken based on the evaluation of MS/MSDs.



Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment		
SUP_MW_1_121911	2510387001	98221	2-Chlorotoluene	143/135	67-129	5	20	High	Results not qualified based on criteria 1a.		
			Bromoform	53/91	51-119	52	23	High	Results not qualified based on criteria 1a.		
			trans-1,3-Dichloropropene	124/113	51-116	9	23	High	Results not qualified based on criteria 1a.		
SUP_MW_2_121911	2510387002	98292	Carbon disulfide	164/158	56-158	4	23	High	Results not qualified based on criteria 1a.		
SUP_MW_3_121911	2510387003		Tetrachloroethene	127/122	80-112	4	21	High	Results not qualified based on criteria 1a.		
SUP_MW_4_121911	2510387004			Vinyl chloride	123/133	80-112	8	30	High	Results not qualified based on criteria 1a.	
SUP_MW_5_121911	2510387005				Trichloroethene	115/113	80-112	2	30	High	Results not qualified based on criteria 1a.
SUP_MW_6_122011	2510387006					Gasoline Range Organics	104/104	61-98	0.5	30	High
SUP_MW_7_122011	2510387007										

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one every 20 samples for method 6010 and 8260, one per 10 samples for method 8270, and one per extraction batch for method NWTTPH-Dx. All other methods (7470 and NWTTPH-Gx) had LCS/LCSDs prepared and analyzed at the required frequency as specified in the SAP & QAPP.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the



associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_1_121911	2510387001	98066	1,2,4-Trimethylbenzene	124	71-122			High	Qualified based on criteria 1a.
			2-Chlorotoluene	129	69-119			High	Based on the criteria above, results were not qualified.
			n-Butylbenzene	136	69-129			High	Based on the criteria above, results were not qualified.
			Vinyl chloride	113	80-112			High	Qualified based on criteria 1a.
SUP_MW_2_121911 SUP_MW_3_121911 SUP_MW_4_121911 SUP_MW_5_121911 SUP_MW_6_122011 SUP_MW_7_122011	2510387002 2510387003 2510387004 2510387005 2510387006 2510387007	98204	1,3,5-Trimethylbenzene	128	70-123			High	Based on the criteria above, results were not qualified.
2-Chlorotoluene	122		69-			High	Based on the		



					119				criteria above, results were not qualified.
			n-Propylbenzene	128	66-126			High	Based on the criteria above, results were not qualified.
			Tetrachloroethene	123	80-112			High	Based on the criteria above, results were not qualified.
			Trichloroethene	118	80-112			High	Qualified based on criteria 1a.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 6010, 8260, 7470, NWTPH-Gx and NWTPH-Dx, and one every 10 samples for method 8270. No duplicates were collected.

Action: No action was taken based on the evaluation of field duplicates.

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

On the chain-of-custody the method listed for pentachlorophenol was 8260. The lab corrected the method to 8270 per communication with the client. No other discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were used. The temperature of the delivery coolers were recorded at 5.3, 4.7, and 3.7°C and the first two coolers exceed the required temperature range. Samples SUP_MW_1_121911, SUP_MW_2_111911, SUP_MW_3_121911, SUP_MW_4_121911, and SUP_MW_5_121911 were kept in the cooler on ice overnight and were delivered to the lab with the other samples on November 20, 2011. Since the samples were kept on ice and only slightly exceeded the required temperature no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Forty-eight (48) sample results were qualified (see Attachment 1).
- Three detected sample results were qualified as estimated (J) due to LCS/LCSD recoveries that exceeded control limits or because the analysis was performed outside the holding time.
- Fourteen nondetected sample results were qualified as estimated (UJ) because the analysis was performed outside the holding time.
- One detected sample result was qualified (B) and 24 detected sample results were qualified as nondetected (UB) due to method/trip blank contamination.



- Six detected sample results were qualified as nondetected (UJB) due to method blank contamination and LCS/LCSD recoveries that exceeded control limits.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2510387

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	MDL	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_MW_1_121911	2510387001	EPA 5030B/8260	Water	1,2,4-Trimethylbenzene	0.10	0.73	ug/L	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_1_121911	2510387001	EPA 5030B/8260	Water	Carbon disulfide	0.10	0.10	ug/L	J	UB	Trip Blank Contamination
SUP_MW_1_121911	2510387001	EPA 5030B/8260	Water	Naphthalene	0.10	2.1	ug/L	J	UB	Method Blank Contamination
SUP_MW_1_121911	2510387001	EPA 5030B/8260	Water	Trichloroethene	0.10	0.10	ug/L	U	UB	Trip Blank Contamination
SUP_MW_1_121911	2510387001	EPA 5030B/8260	Water	Vinyl chloride	0.10	0.51	ug/L	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_1_121911	2510387001	EPA 7470	Water	Mercury	0.000010	0.000035	mg/L	J	UB	Method Blank Contamination
SUP_MW_1_121911	2510387001	EPA 7470	Water	Mercury, Dissolved	0.000010	0.000025	mg/L	J	UB	Method Blank Contamination
SUP_MW_1_121911	2510387001	EPA 8270	Water	Pentachlorophenol	0.44	3.0	ug/L	J	J	Analysis Conducted Outside Method Holding Time
SUP_MW_1_121911	2510387001	NWTPH-Dx	Water	Diesel Range SG	0.038	0.038	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_1_121911	2510387001	NWTPH-Dx	Water	Motor Oil Range SG	0.19	0.19	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_2_121911	2510387002	EPA 5030B/8260	Water	Carbon disulfide	0.10	0.18	ug/L	J	UB	Trip Blank Contamination
SUP_MW_2_121911	2510387002	EPA 5030B/8260	Water	Trichloroethene	0.10	0.36	ug/L	J	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_2_121911	2510387002	EPA 5030B/8260	Water	cis-1,2-Dichloroethene	0.10	0.17	ug/L	J	UB	Method Blank Contamination
SUP_MW_2_121911	2510387002	EPA 7470	Water	Mercury	0.000010	0.000032	mg/L	J	UB	Method Blank Contamination
SUP_MW_2_121911	2510387002	EPA 7470	Water	Mercury, Dissolved	0.000010	0.000030	mg/L	J	UB	Method Blank Contamination
SUP_MW_2_121911	2510387002	EPA 8270	Water	Pentachlorophenol	0.44	0.44	ug/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_2_121911	2510387002	NWTPH-Dx	Water	Diesel Range SG	0.038	0.038	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_2_121911	2510387002	NWTPH-Dx	Water	Motor Oil Range SG	0.19	0.19	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_3_121911	2510387003	EPA 5030B/8260	Water	Carbon disulfide	0.10	0.49	ug/L	J	UB	Trip Blank Contamination
SUP_MW_3_121911	2510387003	EPA 5030B/8260	Water	Trichloroethene	0.10	0.38	ug/L	J	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_3_121911	2510387003	EPA 5030B/8260	Water	cis-1,2-Dichloroethene	0.10	0.47	ug/L	J	UB	Method Blank Contamination
SUP_MW_3_121911	2510387003	EPA 7470	Water	Mercury	0.000010	0.000045	mg/L	J	B	Method Blank Contamination
SUP_MW_3_121911	2510387003	EPA 7470	Water	Mercury, Dissolved	0.000010	0.000052	mg/L	J	UB	Method Blank Contamination
SUP_MW_3_121911	2510387003	EPA 8270	Water	Pentachlorophenol	0.45	0.45	ug/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_3_121911	2510387003	NWTPH-Dx	Water	Diesel Range SG	0.038	0.038	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_3_121911	2510387003	NWTPH-Dx	Water	Motor Oil Range SG	0.19	0.19	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_4_121911	2510387004	EPA 5030B/8260	Water	Trichloroethene	0.10	0.32	ug/L	J	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_4_121911	2510387004	EPA 5030B/8260	Water	cis-1,2-Dichloroethene	0.10	0.16	ug/L	J	UB	Method Blank Contamination
SUP_MW_4_121911	2510387004	EPA 7470	Water	Mercury	0.000010	0.000013	mg/L	J	UB	Method Blank Contamination
SUP_MW_4_121911	2510387004	EPA 7470	Water	Mercury, Dissolved	0.000010	0.000025	mg/L	J	UB	Method Blank Contamination
SUP_MW_4_121911	2510387004	EPA 8270	Water	Pentachlorophenol	0.44	0.44	ug/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_4_121911	2510387004	NWTPH-Dx	Water	Diesel Range SG	0.038	0.038	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_4_121911	2510387004	NWTPH-Dx	Water	Motor Oil Range SG	0.19	0.19	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_5_121911	2510387005	EPA 5030B/8260	Water	Trichloroethene	0.10	0.32	ug/L	J	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_5_121911	2510387005	EPA 5030B/8260	Water	cis-1,2-Dichloroethene	0.10	0.18	ug/L	J	UB	Method Blank Contamination
SUP_MW_5_121911	2510387005	EPA 7470	Water	Mercury	0.000010	0.000033	mg/L	J	UB	Method Blank Contamination
SUP_MW_5_121911	2510387005	EPA 7470	Water	Mercury, Dissolved	0.000010	0.000038	mg/L	J	UB	Method Blank Contamination
SUP_MW_5_121911	2510387005	EPA 8270	Water	Pentachlorophenol	0.44	0.44	ug/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_5_121911	2510387005	NWTPH-Dx	Water	Diesel Range SG	0.038	0.038	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_5_121911	2510387005	NWTPH-Dx	Water	Motor Oil Range SG	0.19	0.19	mg/L	U	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_6_122011	2510387006	EPA 5030B/8260	Water	Trichloroethene	0.10	0.35	ug/L	J	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_6_122011	2510387006	EPA 5030B/8260	Water	cis-1,2-Dichloroethene	0.10	0.22	ug/L	J	UB	Method Blank Contamination
SUP_MW_6_122011	2510387006	EPA 7470	Water	Mercury	0.000010	0.000031	mg/L	J	UB	Method Blank Contamination
SUP_MW_6_122011	2510387006	EPA 7470	Water	Mercury, Dissolved	0.000010	0.000038	mg/L	J	UB	Method Blank Contamination
SUP_MW_7_122011	2510387007	EPA 5030B/8260	Water	Trichloroethene	0.10	0.38	ug/L	J	UJB	Method Blank Contamination; LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_7_122011	2510387007	EPA 5030B/8260	Water	cis-1,2-Dichloroethene	0.10	0.35	ug/L	J	UB	Method Blank Contamination
SUP_MW_7_122011	2510387007	EPA 7470	Water	Mercury	0.000010	0.000028	mg/L	J	UB	Method Blank Contamination
SUP_MW_7_122011	2510387007	EPA 7470	Water	Mercury, Dissolved	0.000010	0.000028	mg/L	J	UB	Method Blank Contamination

April 18, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 2510387

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on December 20, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Amended Report, 03/14/12 REV1. Per client request, the results were updated to report to the PQL and not the MDL.

Amended Report, 4/18/12 Rev 2.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

April 18, 2012
Page 2

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 2510387

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 2510387

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2510387001	SUP_MW_1_121911	Water	12/19/11 10:45	12/20/11 11:55
2510387002	SUP_MW_2_121911	Water	12/19/11 09:30	12/20/11 11:55
2510387003	SUP_MW_3_121911	Water	12/19/11 12:15	12/20/11 11:55
2510387004	SUP_MW_4_121911	Water	12/19/11 13:30	12/20/11 11:55
2510387005	SUP_MW_5_121911	Water	12/19/11 15:00	12/20/11 11:55
2510387006	SUP_MW_6_122011	Water	12/20/11 09:00	12/20/11 11:55
2510387007	SUP_MW_7_122011	Water	12/20/11 10:00	12/20/11 11:55
2510387008	Trip Blanks #1,#2,#3	Water	12/20/11 00:00	12/20/11 11:55

REPORT OF LABORATORY ANALYSIS

Page 4 of 46

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 2510387

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2510387001	SUP_MW_1_121911	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	KJ1	4	PASI-S
		EPA 5030B/8260	CC	71	PASI-S
2510387002	SUP_MW_2_121911	NWTPH-Gx	LPM	2	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	KJ1	4	PASI-S
2510387003	SUP_MW_3_121911	EPA 5030B/8260	LPM	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
2510387004	SUP_MW_4_121911	EPA 8270	KJ1	4	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
2510387005	SUP_MW_5_121911	EPA 7470	BGA	1	PASI-S
		EPA 8270	KJ1	4	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
EPA 7470	BGA	1	PASI-S		
EPA 7470	BGA	1	PASI-S		

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 2510387

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2510387006	SUP_MW_6_122011	EPA 8270	KJ1	4	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	KJ1	4	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
2510387007	SUP_MW_7_122011	NWTPH-Gx	LPM	2	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	KJ1	4	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
2510387008	Trip Blanks #1,#2,#3	NWTPH-Gx	LPM	2	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_1_121911 Lab ID: 2510387001 Collected: 12/19/11 10:45 Received: 12/20/11 11:55 Matrix: Water									
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.076	0.038	1	12/27/11 08:40	12/27/11 16:47		
Motor Oil Range SG	ND mg/L		0.38	0.19	1	12/27/11 08:40	12/27/11 16:47	64742-65-0	
Surrogates									
n-Octacosane (S) SG	102 %		50-150		1	12/27/11 08:40	12/27/11 16:47	630-02-4	
o-Terphenyl (S) SG	89 %		50-150		1	12/27/11 08:40	12/27/11 16:47	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	0.051 mg/L		0.010	0.0022	1	12/27/11 07:47	12/27/11 17:54	7440-38-2	
Cadmium	ND mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 17:54	7440-43-9	
Lead	0.0073J mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 17:54	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.0063J mg/L		0.020	0.0022	1	12/27/11 07:47	12/27/11 15:54	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 15:54	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 15:54	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.000035J mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:05	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	0.000025J mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:32	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	3.0J ug/L		4.8	0.44	1	12/23/11 16:30	12/27/11 12:00	87-86-5	
Surrogates									
Phenol-d6 (S)	42 %		10-110		1	12/23/11 16:30	12/27/11 12:00	13127-88-3	
2-Fluorophenol (S)	57 %		12-110		1	12/23/11 16:30	12/27/11 12:00	367-12-4	
2,4,6-Tribromophenol (S)	120 %		30-126		1	12/23/11 16:30	12/27/11 12:00	118-79-6	
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/21/11 19:30	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		12/21/11 19:30	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/21/11 19:30	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		12/21/11 19:30	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		12/21/11 19:30	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		12/21/11 19:30	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		12/21/11 19:30	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/21/11 19:30	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		12/21/11 19:30	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/21/11 19:30	120-82-1	
1,2,4-Trimethylbenzene	0.73J ug/L		1.0	0.10	1		12/21/11 19:30	95-63-6	L1
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.50	1		12/21/11 19:30	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		12/21/11 19:30	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/21/11 19:30	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		12/21/11 19:30	107-06-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_1_121911 Lab ID: 2510387001 Collected: 12/19/11 10:45 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,2-Dichloroethene (Total)	1.8J	ug/L	2.0	0.20	1		12/21/11 19:30	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	78-87-5	
1,3,5-Trimethylbenzene	0.29J	ug/L	1.0	0.10	1		12/21/11 19:30	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		12/21/11 19:30	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	95-49-8	L3,M0
2-Hexanone	ND	ug/L	5.0	1.0	1		12/21/11 19:30	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		12/21/11 19:30	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		12/21/11 19:30	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		12/21/11 19:30	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	74-83-9	
Carbon disulfide	0.10J	ug/L	1.0	0.10	1		12/21/11 19:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		12/21/11 19:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		12/21/11 19:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	75-71-8	
Ethylbenzene	0.14J	ug/L	1.0	0.10	1		12/21/11 19:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		12/21/11 19:30	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		12/21/11 19:30	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		12/21/11 19:30	75-09-2	
Naphthalene	2.1J	ug/L	10.0	0.10	1		12/21/11 19:30	91-20-3	B
Styrene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	127-18-4	
Toluene	2.4	ug/L	1.0	0.10	1		12/21/11 19:30	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		12/21/11 19:30	75-69-4	
Vinyl chloride	0.51J	ug/L	0.20	0.10	1		12/21/11 19:30	75-01-4	
Xylene (Total)	0.45J	ug/L	3.0	0.30	1		12/21/11 19:30	1330-20-7	
cis-1,2-Dichloroethene	1.6	ug/L	1.0	0.10	1		12/21/11 19:30	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	10061-01-5	
m&p-Xylene	0.35J	ug/L	2.0	0.20	1		12/21/11 19:30	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	104-51-8	L3
n-Propylbenzene	0.12J	ug/L	1.0	0.10	1		12/21/11 19:30	103-65-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_1_121911 Lab ID: 2510387001 Collected: 12/19/11 10:45 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
o-Xylene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	95-47-6	
p-Isopropyltoluene	0.47J	ug/L	1.0	0.10	1		12/21/11 19:30	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	98-06-6	
trans-1,2-Dichloroethene	0.17J	ug/L	1.0	0.10	1		12/21/11 19:30	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/21/11 19:30	10061-02-6	M1
Surrogates									
4-Bromofluorobenzene (S)	117 %		79-121		1		12/21/11 19:30	460-00-4	
Dibromofluoromethane (S)	95 %		81-119		1		12/21/11 19:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	91 %		72-127		1		12/21/11 19:30	17060-07-0	
Toluene-d8 (S)	103 %		77-120		1		12/21/11 19:30	2037-26-5	

NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		12/22/11 16:57		
Surrogates									
4-Bromofluorobenzene (S)	107 %		50-150		1		12/22/11 16:57	460-00-4	

Sample: SUP_MW_2_121911 Lab ID: 2510387002 Collected: 12/19/11 09:30 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND	mg/L	0.077	0.038	1	12/27/11 08:40	12/27/11 17:10		
Motor Oil Range SG	ND	mg/L	0.38	0.19	1	12/27/11 08:40	12/27/11 17:10	64742-65-0	
Surrogates									
n-Octacosane (S) SG	102 %		50-150		1	12/27/11 08:40	12/27/11 17:10	630-02-4	
o-Terphenyl (S) SG	89 %		50-150		1	12/27/11 08:40	12/27/11 17:10	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	0.34	mg/L	0.010	0.0022	1	12/27/11 07:47	12/27/11 18:06	7440-38-2	
Cadmium	ND	mg/L	0.0050	0.00042	1	12/27/11 07:47	12/27/11 18:06	7440-43-9	
Lead	0.0053J	mg/L	0.010	0.0019	1	12/27/11 07:47	12/27/11 18:06	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.11	mg/L	0.020	0.0022	1	12/27/11 07:47	12/27/11 16:13	7440-38-2	
Cadmium, Dissolved	ND	mg/L	0.0050	0.00042	1	12/27/11 07:47	12/27/11 16:13	7440-43-9	
Lead, Dissolved	ND	mg/L	0.010	0.0019	1	12/27/11 07:47	12/27/11 16:13	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.000032J	mg/L	0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:11	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	0.000030J	mg/L	0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:38	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2510387

Sample: SUP_MW_2_121911 Lab ID: 2510387002 Collected: 12/19/11 09:30 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND ug/L		4.8	0.44	1	12/23/11 16:30	12/27/11 12:21	87-86-5	
Surrogates									
Phenol-d6 (S)	40 %		10-110		1	12/23/11 16:30	12/27/11 12:21	13127-88-3	
2-Fluorophenol (S)	56 %		12-110		1	12/23/11 16:30	12/27/11 12:21	367-12-4	
2,4,6-Tribromophenol (S)	123 %		30-126		1	12/23/11 16:30	12/27/11 12:21	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 17:14	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 17:14	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		12/22/11 17:14	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.50	1		12/22/11 17:14	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		12/22/11 17:14	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.20	1		12/22/11 17:14	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 17:14	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 17:14	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 17:14	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.0	1		12/22/11 17:14	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.10	1		12/22/11 17:14	95-49-8	
2-Hexanone	ND ug/L		5.0	1.0	1		12/22/11 17:14	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.10	1		12/22/11 17:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1.0	1		12/22/11 17:14	108-10-1	
Acetone	ND ug/L		5.0	1.0	1		12/22/11 17:14	67-64-1	
Benzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	71-43-2	
Bromobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	75-27-4	
Bromoform	ND ug/L		1.0	0.10	1		12/22/11 17:14	75-25-2	
Bromomethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	74-83-9	
Carbon disulfide	0.18J ug/L		1.0	0.10	1		12/22/11 17:14	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.10	1		12/22/11 17:14	56-23-5	
Chlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	108-90-7	
Chloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	75-00-3	
Chloroform	ND ug/L		1.0	0.10	1		12/22/11 17:14	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_2_121911 Lab ID: 2510387002 Collected: 12/19/11 09:30 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Chloromethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	74-87-3	
Dibromochloromethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	124-48-1	
Dibromomethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	75-71-8	
Ethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	0.10	1		12/22/11 17:14	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	0.10	1		12/22/11 17:14	98-82-8	
Methyl-tert-butyl ether	ND ug/L		1.0	0.10	1		12/22/11 17:14	1634-04-4	
Methylene chloride	ND ug/L		5.0	0.50	1		12/22/11 17:14	75-09-2	
Naphthalene	ND ug/L		10.0	0.10	1		12/22/11 17:14	91-20-3	
Styrene	ND ug/L		1.0	0.10	1		12/22/11 17:14	100-42-5	
Tetrachloroethene	ND ug/L		1.0	0.10	1		12/22/11 17:14	127-18-4	
Toluene	ND ug/L		1.0	0.10	1		12/22/11 17:14	108-88-3	
Trichloroethene	0.36J ug/L		1.0	0.10	1		12/22/11 17:14	79-01-6	B
Trichlorofluoromethane	ND ug/L		1.0	0.10	1		12/22/11 17:14	75-69-4	
Vinyl chloride	ND ug/L		0.20	0.10	1		12/22/11 17:14	75-01-4	
Xylene (Total)	ND ug/L		3.0	0.30	1		12/22/11 17:14	1330-20-7	
cis-1,2-Dichloroethene	0.17J ug/L		1.0	0.10	1		12/22/11 17:14	156-59-2	B
cis-1,3-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 17:14	10061-01-5	
m&p-Xylene	ND ug/L		2.0	0.20	1		12/22/11 17:14	179601-23-1	
n-Butylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	104-51-8	
n-Propylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	103-65-1	
o-Xylene	ND ug/L		1.0	0.10	1		12/22/11 17:14	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	0.10	1		12/22/11 17:14	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:14	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 17:14	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 17:14	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	114 %		79-121		1		12/22/11 17:14	460-00-4	
Dibromofluoromethane (S)	102 %		81-119		1		12/22/11 17:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	105 %		72-127		1		12/22/11 17:14	17060-07-0	
Toluene-d8 (S)	102 %		77-120		1		12/22/11 17:14	2037-26-5	
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND ug/L		50.0	25.0	1		12/22/11 17:14		
Surrogates									
4-Bromofluorobenzene (S)	114 %		50-150		1		12/22/11 17:14	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_3_121911 **Lab ID:** 2510387003 Collected: 12/19/11 12:15 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.077	0.038	1	12/27/11 08:40	12/27/11 18:24		
Motor Oil Range SG	ND mg/L		0.38	0.19	1	12/27/11 08:40	12/27/11 18:24	64742-65-0	
Surrogates									
n-Octacosane (S) SG	84 %		50-150		1	12/27/11 08:40	12/27/11 18:24	630-02-4	
o-Terphenyl (S) SG	72 %		50-150		1	12/27/11 08:40	12/27/11 18:24	84-15-1	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	16.6 mg/L		0.010	0.0022	1	12/27/11 07:47	12/27/11 18:09	7440-38-2	
Cadmium	0.012 mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 18:09	7440-43-9	
Lead	1.7 mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 18:09	7439-92-1	
6010 MET ICP, Dissolved (LF)									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	14.7 mg/L		0.020	0.0022	1	12/27/11 07:47	12/27/11 16:17	7440-38-2	
Cadmium, Dissolved	0.014 mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 16:17	7440-43-9	
Lead, Dissolved	0.30 mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 16:17	7439-92-1	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.00045 mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:13	7439-97-6	
7470 Mercury, Dissolved (LF)									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	0.000052J mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:40	7439-97-6	
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.9	0.45	1	12/23/11 16:30	12/27/11 12:42	87-86-5	
Surrogates									
Phenol-d6 (S)	39 %		10-110		1	12/23/11 16:30	12/27/11 12:42	13127-88-3	
2-Fluorophenol (S)	52 %		12-110		1	12/23/11 16:30	12/27/11 12:42	367-12-4	
2,4,6-Tribromophenol (S)	105 %		30-126		1	12/23/11 16:30	12/27/11 12:42	118-79-6	
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:32	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:32	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:32	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:32	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:32	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 17:32	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 17:32	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:32	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		12/22/11 17:32	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:32	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:32	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.50	1		12/22/11 17:32	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		12/22/11 17:32	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:32	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:32	107-06-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_3_121911 Lab ID: 2510387003 Collected: 12/19/11 12:15 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,2-Dichloroethene (Total)	0.47J	ug/L	2.0	0.20	1		12/22/11 17:32	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		12/22/11 17:32	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		12/22/11 17:32	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		12/22/11 17:32	108-10-1	
Acetone	3.9J	ug/L	5.0	1.0	1		12/22/11 17:32	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		12/22/11 17:32	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	74-83-9	
Carbon disulfide	0.49J	ug/L	1.0	0.10	1		12/22/11 17:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		12/22/11 17:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		12/22/11 17:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		12/22/11 17:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		12/22/11 17:32	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		12/22/11 17:32	75-09-2	
Naphthalene	ND	ug/L	10.0	0.10	1		12/22/11 17:32	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	108-88-3	
Trichloroethene	0.38J	ug/L	1.0	0.10	1		12/22/11 17:32	79-01-6	B
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:32	75-69-4	
Vinyl chloride	0.83J	ug/L	0.20	0.10	1		12/22/11 17:32	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		12/22/11 17:32	1330-20-7	
cis-1,2-Dichloroethene	0.47J	ug/L	1.0	0.10	1		12/22/11 17:32	156-59-2	B
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		12/22/11 17:32	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:32	103-65-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_3_121911 **Lab ID:** 2510387003 Collected: 12/19/11 12:15 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
o-Xylene	ND ug/L		1.0	0.10	1		12/22/11 17:32	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	0.10	1		12/22/11 17:32	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:32	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:32	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 17:32	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 17:32	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	112 %		79-121		1		12/22/11 17:32	460-00-4	
Dibromofluoromethane (S)	100 %		81-119		1		12/22/11 17:32	1868-53-7	
1,2-Dichloroethane-d4 (S)	109 %		72-127		1		12/22/11 17:32	17060-07-0	
Toluene-d8 (S)	101 %		77-120		1		12/22/11 17:32	2037-26-5	

NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND ug/L		50.0	25.0	1		12/22/11 17:32		
Surrogates									
4-Bromofluorobenzene (S)	112 %		50-150		1		12/22/11 17:32	460-00-4	

Sample: SUP_MW_4_121911 **Lab ID:** 2510387004 Collected: 12/19/11 13:30 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.077	0.038	1	12/27/11 08:40	12/27/11 18:49		
Motor Oil Range SG	ND mg/L		0.38	0.19	1	12/27/11 08:40	12/27/11 18:49	64742-65-0	
Surrogates									
n-Octacosane (S) SG	90 %		50-150		1	12/27/11 08:40	12/27/11 18:49	630-02-4	
o-Terphenyl (S) SG	79 %		50-150		1	12/27/11 08:40	12/27/11 18:49	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	0.026 mg/L		0.010	0.0022	1	12/27/11 07:47	12/27/11 18:13	7440-38-2	
Cadmium	ND mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 18:13	7440-43-9	
Lead	ND mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 18:13	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.026 mg/L		0.020	0.0022	1	12/27/11 07:47	12/27/11 16:21	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 16:21	7440-43-9	
Lead, Dissolved	0.0022J mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 16:21	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.000013J mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:15	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	0.000025J mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:47	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2510387

Sample: SUP_MW_4_121911 Lab ID: 2510387004 Collected: 12/19/11 13:30 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND ug/L		4.8	0.44	1	12/23/11 16:30	12/27/11 13:03	87-86-5	
Surrogates									
Phenol-d6 (S)	38 %		10-110		1	12/23/11 16:30	12/27/11 13:03	13127-88-3	
2-Fluorophenol (S)	53 %		12-110		1	12/23/11 16:30	12/27/11 13:03	367-12-4	
2,4,6-Tribromophenol (S)	112 %		30-126		1	12/23/11 16:30	12/27/11 13:03	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 17:50	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 17:50	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		12/22/11 17:50	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.50	1		12/22/11 17:50	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		12/22/11 17:50	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.20	1		12/22/11 17:50	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 17:50	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 17:50	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 17:50	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.0	1		12/22/11 17:50	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.10	1		12/22/11 17:50	95-49-8	
2-Hexanone	ND ug/L		5.0	1.0	1		12/22/11 17:50	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.10	1		12/22/11 17:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1.0	1		12/22/11 17:50	108-10-1	
Acetone	ND ug/L		5.0	1.0	1		12/22/11 17:50	67-64-1	
Benzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	71-43-2	
Bromobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	75-27-4	
Bromoform	ND ug/L		1.0	0.10	1		12/22/11 17:50	75-25-2	
Bromomethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	74-83-9	
Carbon disulfide	0.12J ug/L		1.0	0.10	1		12/22/11 17:50	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.10	1		12/22/11 17:50	56-23-5	
Chlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 17:50	108-90-7	
Chloroethane	ND ug/L		1.0	0.10	1		12/22/11 17:50	75-00-3	
Chloroform	ND ug/L		1.0	0.10	1		12/22/11 17:50	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_4_121911 **Lab ID:** 2510387004 Collected: 12/19/11 13:30 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Chloromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:50	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:50	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		12/22/11 17:50	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:50	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		12/22/11 17:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		12/22/11 17:50	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		12/22/11 17:50	75-09-2	
Naphthalene	ND	ug/L	10.0	0.10	1		12/22/11 17:50	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	108-88-3	
Trichloroethene	0.32J	ug/L	1.0	0.10	1		12/22/11 17:50	79-01-6	B
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 17:50	75-69-4	
Vinyl chloride	0.88J	ug/L	0.20	0.10	1		12/22/11 17:50	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		12/22/11 17:50	1330-20-7	
cis-1,2-Dichloroethene	0.16J	ug/L	1.0	0.10	1		12/22/11 17:50	156-59-2	B
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		12/22/11 17:50	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 17:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	113	%	79-121		1		12/22/11 17:50	460-00-4	
Dibromofluoromethane (S)	103	%	81-119		1		12/22/11 17:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	72-127		1		12/22/11 17:50	17060-07-0	
Toluene-d8 (S)	102	%	77-120		1		12/22/11 17:50	2037-26-5	
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		12/22/11 17:50		
Surrogates									
4-Bromofluorobenzene (S)	113	%	50-150		1		12/22/11 17:50	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_5_121911 Lab ID: 2510387005 Collected: 12/19/11 15:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.077	0.038	1	12/27/11 08:40	12/27/11 19:38		
Motor Oil Range SG	ND mg/L		0.38	0.19	1	12/27/11 08:40	12/27/11 19:38	64742-65-0	
Surrogates									
n-Octacosane (S) SG	97 %		50-150		1	12/27/11 08:40	12/27/11 19:38	630-02-4	
o-Terphenyl (S) SG	84 %		50-150		1	12/27/11 08:40	12/27/11 19:38	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	1.5 mg/L		0.010	0.0022	1	12/27/11 07:47	12/27/11 18:24	7440-38-2	
Cadmium	0.00043J mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 18:24	7440-43-9	
Lead	0.0019J mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 18:24	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.28 mg/L		0.020	0.0022	1	12/27/11 07:47	12/27/11 16:24	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 16:24	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 16:24	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.000033J mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:17	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	0.000038J mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:49	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.8	0.44	1	12/23/11 16:30	12/27/11 14:06	87-86-5	
Surrogates									
Phenol-d6 (S)	41 %		10-110		1	12/23/11 16:30	12/27/11 14:06	13127-88-3	
2-Fluorophenol (S)	56 %		12-110		1	12/23/11 16:30	12/27/11 14:06	367-12-4	
2,4,6-Tribromophenol (S)	113 %		30-126		1	12/23/11 16:30	12/27/11 14:06	118-79-6	
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:08	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:08	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:08	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:08	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:08	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 18:08	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 18:08	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:08	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		12/22/11 18:08	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:08	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 18:08	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.50	1		12/22/11 18:08	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		12/22/11 18:08	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:08	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:08	107-06-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_5_121911 Lab ID: 2510387005 Collected: 12/19/11 15:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.20	1		12/22/11 18:08	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		12/22/11 18:08	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		12/22/11 18:08	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		12/22/11 18:08	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		12/22/11 18:08	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		12/22/11 18:08	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.10	1		12/22/11 18:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		12/22/11 18:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		12/22/11 18:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		12/22/11 18:08	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		12/22/11 18:08	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		12/22/11 18:08	75-09-2	
Naphthalene	ND	ug/L	10.0	0.10	1		12/22/11 18:08	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	108-88-3	
Trichloroethene	0.32J	ug/L	1.0	0.10	1		12/22/11 18:08	79-01-6	B
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:08	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		12/22/11 18:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		12/22/11 18:08	1330-20-7	
cis-1,2-Dichloroethene	0.18J	ug/L	1.0	0.10	1		12/22/11 18:08	156-59-2	B
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		12/22/11 18:08	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	103-65-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_5_121911 Lab ID: 2510387005 Collected: 12/19/11 15:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
o-Xylene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 18:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	112 %		79-121		1		12/22/11 18:08	460-00-4	
Dibromofluoromethane (S)	103 %		81-119		1		12/22/11 18:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	109 %		72-127		1		12/22/11 18:08	17060-07-0	
Toluene-d8 (S)	101 %		77-120		1		12/22/11 18:08	2037-26-5	

NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		12/22/11 18:08		
Surrogates									
4-Bromofluorobenzene (S)	112 %		50-150		1		12/22/11 18:08	460-00-4	

Sample: SUP_MW_6_122011 Lab ID: 2510387006 Collected: 12/20/11 09:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND	mg/L	0.077	0.038	1	12/27/11 08:40	12/27/11 20:02		
Motor Oil Range SG	ND	mg/L	0.38	0.19	1	12/27/11 08:40	12/27/11 20:02	64742-65-0	
Surrogates									
n-Octacosane (S) SG	87 %		50-150		1	12/27/11 08:40	12/27/11 20:02	630-02-4	
o-Terphenyl (S) SG	76 %		50-150		1	12/27/11 08:40	12/27/11 20:02	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	2.1	mg/L	0.010	0.0022	1	12/27/11 07:47	12/27/11 18:28	7440-38-2	
Cadmium	0.0011J	mg/L	0.0050	0.00042	1	12/27/11 07:47	12/27/11 18:28	7440-43-9	
Lead	0.0036J	mg/L	0.010	0.0019	1	12/27/11 07:47	12/27/11 18:28	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	2.0	mg/L	0.020	0.0022	1	12/27/11 07:47	12/27/11 16:28	7440-38-2	
Cadmium, Dissolved	0.0015J	mg/L	0.0050	0.00042	1	12/27/11 07:47	12/27/11 16:28	7440-43-9	
Lead, Dissolved	0.0032J	mg/L	0.010	0.0019	1	12/27/11 07:47	12/27/11 16:28	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.000031J	mg/L	0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:24	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	0.000038J	mg/L	0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:51	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_6_122011 Lab ID: 2510387006 Collected: 12/20/11 09:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND ug/L		4.8	0.44	1	12/23/11 16:30	12/27/11 14:27	87-86-5	
Surrogates									
Phenol-d6 (S)	41 %		10-110		1	12/23/11 16:30	12/27/11 14:27	13127-88-3	
2-Fluorophenol (S)	56 %		12-110		1	12/23/11 16:30	12/27/11 14:27	367-12-4	
2,4,6-Tribromophenol (S)	108 %		30-126		1	12/23/11 16:30	12/27/11 14:27	118-79-6	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 18:26	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 18:26	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		12/22/11 18:26	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.50	1		12/22/11 18:26	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		12/22/11 18:26	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	107-06-2	
1,2-Dichloroethene (Total)	0.22J ug/L		2.0	0.20	1		12/22/11 18:26	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 18:26	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 18:26	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 18:26	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.0	1		12/22/11 18:26	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.10	1		12/22/11 18:26	95-49-8	
2-Hexanone	ND ug/L		5.0	1.0	1		12/22/11 18:26	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.10	1		12/22/11 18:26	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1.0	1		12/22/11 18:26	108-10-1	
Acetone	ND ug/L		5.0	1.0	1		12/22/11 18:26	67-64-1	
Benzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	71-43-2	
Bromobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	75-27-4	
Bromoform	ND ug/L		1.0	0.10	1		12/22/11 18:26	75-25-2	
Bromomethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	74-83-9	
Carbon disulfide	ND ug/L		1.0	0.10	1		12/22/11 18:26	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.10	1		12/22/11 18:26	56-23-5	
Chlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:26	108-90-7	
Chloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:26	75-00-3	
Chloroform	ND ug/L		1.0	0.10	1		12/22/11 18:26	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_6_122011 **Lab ID:** 2510387006 Collected: 12/20/11 09:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Chloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:26	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:26	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		12/22/11 18:26	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:26	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		12/22/11 18:26	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		12/22/11 18:26	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		12/22/11 18:26	75-09-2	
Naphthalene	ND	ug/L	10.0	0.10	1		12/22/11 18:26	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	108-88-3	
Trichloroethene	0.35J	ug/L	1.0	0.10	1		12/22/11 18:26	79-01-6	B
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:26	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		12/22/11 18:26	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		12/22/11 18:26	1330-20-7	
cis-1,2-Dichloroethene	0.22J	ug/L	1.0	0.10	1		12/22/11 18:26	156-59-2	B
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		12/22/11 18:26	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 18:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	79-121		1		12/22/11 18:26	460-00-4	
Dibromofluoromethane (S)	104	%	81-119		1		12/22/11 18:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	72-127		1		12/22/11 18:26	17060-07-0	
Toluene-d8 (S)	101	%	77-120		1		12/22/11 18:26	2037-26-5	
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		12/22/11 18:26		
Surrogates									
4-Bromofluorobenzene (S)	112	%	50-150		1		12/22/11 18:26	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_7_122011 **Lab ID:** 2510387007 Collected: 12/20/11 10:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel									
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.078	0.039	1	12/27/11 08:40	12/27/11 20:27		
Motor Oil Range SG	ND mg/L		0.39	0.19	1	12/27/11 08:40	12/27/11 20:27	64742-65-0	
Surrogates									
n-Octacosane (S) SG	106 %		50-150		1	12/27/11 08:40	12/27/11 20:27	630-02-4	
o-Terphenyl (S) SG	92 %		50-150		1	12/27/11 08:40	12/27/11 20:27	84-15-1	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	0.0033J mg/L		0.010	0.0022	1	12/27/11 07:47	12/27/11 18:32	7440-38-2	
Cadmium	ND mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 18:32	7440-43-9	
Lead	ND mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 18:32	7439-92-1	
6010 MET ICP, Dissolved (LF)									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.0041J mg/L		0.020	0.0022	1	12/27/11 07:47	12/27/11 16:32	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	12/27/11 07:47	12/27/11 16:32	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	12/27/11 07:47	12/27/11 16:32	7439-92-1	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.000028J mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:26	7439-97-6	
7470 Mercury, Dissolved (LF)									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	0.000028J mg/L		0.00020	0.000010	1	12/27/11 08:59	12/27/11 15:53	7439-97-6	
8270 MSSV Semivolatile Organic									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.9	0.45	1	12/23/11 16:30	12/27/11 14:48	87-86-5	
Surrogates									
Phenol-d6 (S)	38 %		10-110		1	12/23/11 16:30	12/27/11 14:48	13127-88-3	
2-Fluorophenol (S)	51 %		12-110		1	12/23/11 16:30	12/27/11 14:48	367-12-4	
2,4,6-Tribromophenol (S)	118 %		30-126		1	12/23/11 16:30	12/27/11 14:48	118-79-6	
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:43	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:43	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:43	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:43	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:43	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 18:43	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 18:43	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:43	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		12/22/11 18:43	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:43	120-82-1	
1,2,4-Trimethylbenzene	0.12J ug/L		1.0	0.10	1		12/22/11 18:43	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.50	1		12/22/11 18:43	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		12/22/11 18:43	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 18:43	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 18:43	107-06-2	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2510387

Sample: SUP_MW_7_122011 Lab ID: 2510387007 Collected: 12/20/11 10:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,2-Dichloroethene (Total)	0.35J	ug/L	2.0	0.20	1		12/22/11 18:43	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		12/22/11 18:43	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		12/22/11 18:43	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		12/22/11 18:43	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		12/22/11 18:43	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		12/22/11 18:43	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.10	1		12/22/11 18:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		12/22/11 18:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		12/22/11 18:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		12/22/11 18:43	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		12/22/11 18:43	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		12/22/11 18:43	75-09-2	
Naphthalene	ND	ug/L	10.0	0.10	1		12/22/11 18:43	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	108-88-3	
Trichloroethene	0.38J	ug/L	1.0	0.10	1		12/22/11 18:43	79-01-6	B
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 18:43	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		12/22/11 18:43	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		12/22/11 18:43	1330-20-7	
cis-1,2-Dichloroethene	0.35J	ug/L	1.0	0.10	1		12/22/11 18:43	156-59-2	B
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		12/22/11 18:43	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 18:43	103-65-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: SUP_MW_7_122011 **Lab ID: 2510387007** Collected: 12/20/11 10:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
o-Xylene	ND ug/L		1.0	0.10	1		12/22/11 18:43	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	0.10	1		12/22/11 18:43	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	0.10	1		12/22/11 18:43	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	0.10	1		12/22/11 18:43	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 18:43	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 18:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	111 %		79-121		1		12/22/11 18:43	460-00-4	
Dibromofluoromethane (S)	104 %		81-119		1		12/22/11 18:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	109 %		72-127		1		12/22/11 18:43	17060-07-0	
Toluene-d8 (S)	101 %		77-120		1		12/22/11 18:43	2037-26-5	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND ug/L		50.0	25.0	1		12/22/11 18:43		
Surrogates									
4-Bromofluorobenzene (S)	111 %		50-150		1		12/22/11 18:43	460-00-4	

Sample: Trip Blanks #1,#2,#3 **Lab ID: 2510387008** Collected: 12/20/11 00:00 Received: 12/20/11 11:55 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 16:39	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 16:39	71-55-6	
1,1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		12/22/11 16:39	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		12/22/11 16:39	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 16:39	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		12/22/11 16:39	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		12/22/11 16:39	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 16:39	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		12/22/11 16:39	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 16:39	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 16:39	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		4.0	0.50	1		12/22/11 16:39	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		12/22/11 16:39	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 16:39	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		12/22/11 16:39	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.20	1		12/22/11 16:39	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 16:39	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		12/22/11 16:39	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 16:39	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 16:39	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		12/22/11 16:39	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		12/22/11 16:39	594-20-7	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: Trip Blanks #1,#2,#3 **Lab ID:** 2510387008 **Collected:** 12/20/11 00:00 **Received:** 12/20/11 11:55 **Matrix:** Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		12/22/11 16:39	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		12/22/11 16:39	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		12/22/11 16:39	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		12/22/11 16:39	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 16:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		12/22/11 16:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		12/22/11 16:39	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		12/22/11 16:39	74-83-9	
Carbon disulfide	0.23J	ug/L	1.0	0.10	1		12/22/11 16:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		12/22/11 16:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		12/22/11 16:39	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		12/22/11 16:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		12/22/11 16:39	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		12/22/11 16:39	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		12/22/11 16:39	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 16:39	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		12/22/11 16:39	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		12/22/11 16:39	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		12/22/11 16:39	75-09-2	
Naphthalene	ND	ug/L	10.0	0.10	1		12/22/11 16:39	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	108-88-3	
Trichloroethene	0.33J	ug/L	1.0	0.10	1		12/22/11 16:39	79-01-6	B
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		12/22/11 16:39	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		12/22/11 16:39	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		12/22/11 16:39	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		12/22/11 16:39	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		12/22/11 16:39	10061-02-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2510387

Sample: Trip Blanks #1,#2,#3 Lab ID: 2510387008 Collected: 12/20/11 00:00 Received: 12/20/11 11:55 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
<i>Surrogates</i>									
4-Bromofluorobenzene (S)	111 %		79-121		1		12/22/11 16:39	460-00-4	
Dibromofluoromethane (S)	103 %		81-119		1		12/22/11 16:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	106 %		72-127		1		12/22/11 16:39	17060-07-0	
Toluene-d8 (S)	102 %		77-120		1		12/22/11 16:39	2037-26-5	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND ug/L		50.0	25.0	1		12/22/11 16:39		
<i>Surrogates</i>									
4-Bromofluorobenzene (S)	111 %		50-150		1		12/22/11 16:39	460-00-4	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2510387

QC Batch: MERP/1595 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

METHOD BLANK: 98401 Matrix: Water
Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	0.000029J	0.00020	12/27/11 15:01	

LABORATORY CONTROL SAMPLE: 98402

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98403 98404

Parameter	Units	2510387001		2510387002		2510387003		2510387004		% Rec Limits	Max RPD	Qual		
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Mercury	mg/L	0.000035J	.005	0.000035J	.005	0.0040	.005	0.0041	.005	79	82	75-125	3	20

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2510387

QC Batch: MERP/1596 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
 Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

METHOD BLANK: 98405 Matrix: Water
 Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	0.000031J	0.00020	12/27/11 15:28	

LABORATORY CONTROL SAMPLE: 98406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0050	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98407 98408

Parameter	Units	2510387001		2510387002		2510387003		2510387004		% Rec Limits	Max RPD	Qual		
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Mercury, Dissolved	mg/L	0.000025J	.005	0.000025J	.005	0.0041	.005	0.0040	.005	81	80	75-125	1	20

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2510387

QC Batch: MPRP/2716 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

METHOD BLANK: 98409 Matrix: Water
Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	12/27/11 17:47	
Cadmium	mg/L	ND	0.0050	12/27/11 17:47	
Lead	mg/L	ND	0.010	12/27/11 17:47	

LABORATORY CONTROL SAMPLE: 98410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.51	102	80-120	
Cadmium	mg/L	.5	0.49	98	80-120	
Lead	mg/L	.5	0.54	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98411 98412

Parameter	Units	2510387001 Result	MS Spike Conc.	MSD Spike Conc.	98411		98412		% Rec Limits	Max RPD	Qual
					MS Result	MSD Result	MS % Rec	MSD % Rec			
Arsenic	mg/L	0.051	.5	.5	0.56	0.56	103	102	75-125	.4	20
Cadmium	mg/L	ND	.5	.5	0.49	0.49	98	98	75-125	.2	20
Lead	mg/L	0.0073J	.5	.5	0.51	0.51	100	100	75-125	.4	20

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2510387

QC Batch: MPRP/2718 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

METHOD BLANK: 98417 Matrix: Water
Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.020	12/27/11 15:47	
Cadmium, Dissolved	mg/L	ND	0.0050	12/27/11 15:47	
Lead, Dissolved	mg/L	ND	0.010	12/27/11 15:47	

LABORATORY CONTROL SAMPLE: 98418

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.50	99	80-120	
Cadmium, Dissolved	mg/L	.5	0.49	98	80-120	
Lead, Dissolved	mg/L	.5	0.52	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98419 98420

Parameter	Units	2510387001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	mg/L	0.0063J	.5	.5	0.53	0.53	105	104	75-125	.9	20	
Cadmium, Dissolved	mg/L	ND	.5	.5	0.50	0.49	101	99	75-125	2	20	
Lead, Dissolved	mg/L	ND	.5	.5	0.51	0.50	102	100	75-125	2	20	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2510387

QC Batch: MSV/6079

Analysis Method: EPA 5030B/8260

QC Batch Method: EPA 5030B/8260

Analysis Description: 8260 MSV Water 10 mL Purge

Associated Lab Samples: 2510387001

METHOD BLANK: 98065

Matrix: Water

Associated Lab Samples: 2510387001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/21/11 12:39	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/21/11 12:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/21/11 12:39	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/21/11 12:39	
1,1-Dichloroethane	ug/L	ND	1.0	12/21/11 12:39	
1,1-Dichloroethene	ug/L	ND	1.0	12/21/11 12:39	
1,1-Dichloropropene	ug/L	ND	1.0	12/21/11 12:39	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/21/11 12:39	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/21/11 12:39	
1,2,4-Trichlorobenzene	ug/L	0.93J	1.0	12/21/11 12:39	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	12/21/11 12:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	12/21/11 12:39	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/21/11 12:39	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/21/11 12:39	
1,2-Dichloroethane	ug/L	ND	1.0	12/21/11 12:39	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	12/21/11 12:39	
1,2-Dichloropropane	ug/L	ND	1.0	12/21/11 12:39	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	12/21/11 12:39	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/21/11 12:39	
1,3-Dichloropropane	ug/L	ND	1.0	12/21/11 12:39	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/21/11 12:39	
2,2-Dichloropropane	ug/L	ND	1.0	12/21/11 12:39	
2-Butanone (MEK)	ug/L	ND	5.0	12/21/11 12:39	
2-Chlorotoluene	ug/L	ND	1.0	12/21/11 12:39	
2-Hexanone	ug/L	ND	5.0	12/21/11 12:39	
4-Chlorotoluene	ug/L	ND	1.0	12/21/11 12:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/21/11 12:39	
Acetone	ug/L	4.5J	5.0	12/21/11 12:39	
Benzene	ug/L	ND	1.0	12/21/11 12:39	
Bromobenzene	ug/L	ND	1.0	12/21/11 12:39	
Bromochloromethane	ug/L	ND	1.0	12/21/11 12:39	
Bromodichloromethane	ug/L	ND	1.0	12/21/11 12:39	
Bromoform	ug/L	ND	1.0	12/21/11 12:39	
Bromomethane	ug/L	ND	1.0	12/21/11 12:39	
Carbon disulfide	ug/L	ND	1.0	12/21/11 12:39	
Carbon tetrachloride	ug/L	ND	1.0	12/21/11 12:39	
Chlorobenzene	ug/L	ND	1.0	12/21/11 12:39	
Chloroethane	ug/L	ND	1.0	12/21/11 12:39	
Chloroform	ug/L	ND	1.0	12/21/11 12:39	
Chloromethane	ug/L	ND	1.0	12/21/11 12:39	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/21/11 12:39	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/21/11 12:39	
Dibromochloromethane	ug/L	ND	1.0	12/21/11 12:39	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 31 of 46

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2510387

METHOD BLANK: 98065

Matrix: Water

Associated Lab Samples: 2510387001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	12/21/11 12:39	
Dichlorodifluoromethane	ug/L	ND	1.0	12/21/11 12:39	
Ethylbenzene	ug/L	ND	1.0	12/21/11 12:39	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/21/11 12:39	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	12/21/11 12:39	
m&p-Xylene	ug/L	ND	2.0	12/21/11 12:39	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/21/11 12:39	
Methylene chloride	ug/L	1.3J	5.0	12/21/11 12:39	
n-Butylbenzene	ug/L	ND	1.0	12/21/11 12:39	
n-Propylbenzene	ug/L	ND	1.0	12/21/11 12:39	
Naphthalene	ug/L	1.5J	10.0	12/21/11 12:39	
o-Xylene	ug/L	ND	1.0	12/21/11 12:39	
p-Isopropyltoluene	ug/L	ND	1.0	12/21/11 12:39	
sec-Butylbenzene	ug/L	ND	1.0	12/21/11 12:39	
Styrene	ug/L	ND	1.0	12/21/11 12:39	
tert-Butylbenzene	ug/L	ND	1.0	12/21/11 12:39	
Tetrachloroethene	ug/L	ND	1.0	12/21/11 12:39	
Toluene	ug/L	ND	1.0	12/21/11 12:39	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/21/11 12:39	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/21/11 12:39	
Trichloroethene	ug/L	ND	1.0	12/21/11 12:39	
Trichlorofluoromethane	ug/L	ND	1.0	12/21/11 12:39	
Vinyl chloride	ug/L	ND	0.20	12/21/11 12:39	
Xylene (Total)	ug/L	ND	3.0	12/21/11 12:39	
1,2-Dichloroethane-d4 (S)	%	95	72-127	12/21/11 12:39	
4-Bromofluorobenzene (S)	%	119	79-121	12/21/11 12:39	
Dibromofluoromethane (S)	%	95	81-119	12/21/11 12:39	
Toluene-d8 (S)	%	103	77-120	12/21/11 12:39	

LABORATORY CONTROL SAMPLE: 98066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.7	94	70-122	
1,1,1-Trichloroethane	ug/L	20	18.2	91	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	22.0	110	62-133	
1,1,2-Trichloroethane	ug/L	20	18.8	94	68-122	
1,1-Dichloroethane	ug/L	20	21.5	107	70-125	
1,1-Dichloroethene	ug/L	20	21.1	106	69-142	
1,1-Dichloropropene	ug/L	20	20.9	105	67-129	
1,2,3-Trichlorobenzene	ug/L	20	19.3	96	60-132	
1,2,3-Trichloropropane	ug/L	20	18.5	92	65-120	
1,2,4-Trichlorobenzene	ug/L	20	19.2	96	62-127	
1,2,4-Trimethylbenzene	ug/L	20	24.9	124	71-122 L0	
1,2-Dibromo-3-chloropropane	ug/L	20	19.5	97	55-118	
1,2-Dibromoethane (EDB)	ug/L	20	17.9	89	65-123	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2510387

LABORATORY CONTROL SAMPLE: 98066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	20.4	102	71-118	
1,2-Dichloroethane	ug/L	20	17.8	89	63-131	
1,2-Dichloroethene (Total)	ug/L	40	41.0	102	73-134	
1,2-Dichloropropane	ug/L	20	21.6	108	70-125	
1,3,5-Trimethylbenzene	ug/L	20	23.6	118	70-123	
1,3-Dichlorobenzene	ug/L	20	20.7	104	72-119	
1,3-Dichloropropane	ug/L	20	19.1	96	69-122	
1,4-Dichlorobenzene	ug/L	20	19.7	98	70-116	
2,2-Dichloropropane	ug/L	20	25.2	126	52-149	
2-Butanone (MEK)	ug/L	40	37.3	93	45-155	
2-Chlorotoluene	ug/L	20	25.9	129	69-119	LO
2-Hexanone	ug/L	40	39.6	99	50-151	
4-Chlorotoluene	ug/L	20	21.9	110	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	37.1	93	61-145	
Acetone	ug/L	40	48.9	122	40-160	
Benzene	ug/L	20	20.5	102	66-123	
Bromobenzene	ug/L	20	21.6	108	68-118	
Bromochloromethane	ug/L	20	17.1	85	72-128	
Bromodichloromethane	ug/L	20	17.4	87	68-129	
Bromoform	ug/L	20	15.6	78	54-118	
Bromomethane	ug/L	20	22.0	110	43-151	
Carbon disulfide	ug/L	20	25.8	129	52-142	
Carbon tetrachloride	ug/L	20	18.2	91	67-135	
Chlorobenzene	ug/L	20	19.2	96	72-116	
Chloroethane	ug/L	20	24.9	125	48-139	
Chloroform	ug/L	20	19.2	96	71-124	
Chloromethane	ug/L	20	21.3	106	40-152	
cis-1,2-Dichloroethene	ug/L	20	20.1	101	74-133	
cis-1,3-Dichloropropene	ug/L	20	20.0	100	64-132	
Dibromochloromethane	ug/L	20	16.0	80	60-121	
Dibromomethane	ug/L	20	17.3	86	69-131	
Dichlorodifluoromethane	ug/L	20	14.3	71	40-160	
Ethylbenzene	ug/L	20	20.3	101	67-122	
Hexachloro-1,3-butadiene	ug/L	20	21.0	105	55-139	
Isopropylbenzene (Cumene)	ug/L	20	21.4	107	67-124	
m&p-Xylene	ug/L	40	39.7	99	66-122	
Methyl-tert-butyl ether	ug/L	20	20.6	103	65-138	
Methylene chloride	ug/L	20	21.2	106	58-137	
n-Butylbenzene	ug/L	20	27.2	136	68-129	LO
n-Propylbenzene	ug/L	20	24.8	124	66-126	
Naphthalene	ug/L	20	21.0	105	59-133	
o-Xylene	ug/L	20	20.4	102	69-123	
p-Isopropyltoluene	ug/L	20	22.8	114	69-127	
sec-Butylbenzene	ug/L	20	24.4	122	68-129	
Styrene	ug/L	20	21.0	105	72-125	
tert-Butylbenzene	ug/L	20	23.6	118	58-120	
Tetrachloroethene	ug/L	20	18.0	90	40-115	
Toluene	ug/L	20	19.9	99	64-118	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2510387

LABORATORY CONTROL SAMPLE: 98066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	20.9	104	70-134	
trans-1,3-Dichloropropene	ug/L	20	20.3	101	52-115	
Trichloroethene	ug/L	20	18.4	92	69-125	
Trichlorofluoromethane	ug/L	20	19.9	100	57-155	
Vinyl chloride	ug/L	20	22.5	113	53-132	
Xylene (Total)	ug/L	60	60.1	100	68-122	
1,2-Dichloroethane-d4 (S)	%			91	72-127	
4-Bromofluorobenzene (S)	%			116	79-121	
Dibromofluoromethane (S)	%			93	81-119	
Toluene-d8 (S)	%			103	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98221 98222

Parameter	2510387001		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.8	20.5	104	102	67-132	2	22	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.4	19.9	102	99	67-145	2	22	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	23.4	25.2	117	126	65-135	7	23	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.4	21.7	97	108	67-126	11	22	
1,1-Dichloroethane	ug/L	ND	20	20	23.6	22.9	118	115	69-138	3	21	
1,1-Dichloroethene	ug/L	ND	20	20	24.5	23.4	122	117	68-160	5	21	
1,1-Dichloropropene	ug/L	ND	20	20	22.5	21.9	113	110	68-145	3	22	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.0	18.0	90	90	57-131	.07	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.9	20.8	94	104	61-123	10	24	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.8	17.8	89	89	58-130	.07	24	
1,2,4-Trimethylbenzene	ug/L	0.73J	20	20	26.5	25.5	129	124	60-136	4	24	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	21.0	96	105	48-127	9	25	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	17.9	20.3	89	102	61-127	13	25	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.3	21.5	106	108	67-126	1	21	
1,2-Dichloroethane	ug/L	ND	20	20	18.7	19.2	94	96	60-138	3	23	
1,2-Dichloroethene (Total)	ug/L	1.8J	40	40	47.3	46.0	114	110	70-146	3	22	
1,2-Dichloropropane	ug/L	ND	20	20	23.5	23.1	117	116	67-138	1	22	
1,3,5-Trimethylbenzene	ug/L	0.29J	20	20	25.8	24.5	128	121	64-135	5	25	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.5	21.8	112	109	69-128	3	21	
1,3-Dichloropropane	ug/L	ND	20	20	20.5	21.6	103	108	65-128	5	22	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	20.8	107	104	66-124	3	28	
2,2-Dichloropropane	ug/L	ND	20	20	28.7	27.5	144	137	46-160	4	24	
2-Butanone (MEK)	ug/L	ND	40	40	35.4	38.7	88	97	40-140	9	25	
2-Chlorotoluene	ug/L	ND	20	20	28.5	27.1	143	135	67-129	5	20 M0	
2-Hexanone	ug/L	ND	40	40	36.4	44.7	91	112	42-141	20	27	
4-Chlorotoluene	ug/L	ND	20	20	24.2	23.1	121	115	67-133	5	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	38.7	43.9	97	110	54-151	13	27	
Acetone	ug/L	ND	40	40	36.6	38.3	91	96	40-155	5	30	
Benzene	ug/L	ND	20	20	22.7	22.0	113	109	63-138	3	24	
Bromobenzene	ug/L	ND	20	20	21.2	20.9	106	104	64-127	1	21	
Bromochloromethane	ug/L	ND	20	20	18.8	19.0	94	95	66-136	1	22	
Bromodichloromethane	ug/L	ND	20	20	19.1	19.2	96	96	65-138	.3	23	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 34 of 46

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2510387

Parameter	2510387001		MS		MSD		MS		MSD		MS		MSD		% Rec		Max		Qual
	Units	Result	Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	MS % Rec	MSD % Rec	MS % Rec	MSD % Rec	Limits	RPD	RPD	RPD	RPD		
Bromoform	ug/L	ND	20	20	10.6	18.1	53	91	51-119	52	23	D6							
Bromomethane	ug/L	ND	20	20	16.5	20.2	83	101	40-158	20	26								
Carbon disulfide	ug/L	0.10J	20	20	29.3	28.4	146	141	56-158	3	23								
Carbon tetrachloride	ug/L	ND	20	20	20.7	20.0	104	100	66-152	4	22								
Chlorobenzene	ug/L	ND	20	20	22.1	21.1	111	106	68-128	5	27								
Chloroethane	ug/L	ND	20	20	19.5	23.4	98	117	49-154	18	25								
Chloroform	ug/L	ND	20	20	21.2	20.6	106	103	69-137	3	21								
Chloromethane	ug/L	ND	20	20	16.8	20.5	84	103	40-160	20	25								
cis-1,2-Dichloroethene	ug/L	1.6	20	20	23.9	23.5	112	109	69-147	2	21								
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	21.5	108	107	60-141	.6	23								
Dibromochloromethane	ug/L	ND	20	20	15.9	18.4	80	92	56-125	14	23								
Dibromomethane	ug/L	ND	20	20	18.5	19.4	92	97	63-137	5	23								
Dichlorodifluoromethane	ug/L	ND	20	20	10.8	12.7	54	64	40-160	17	24								
Ethylbenzene	ug/L	0.14J	20	20	23.2	21.9	115	109	65-135	6	25								
Hexachloro-1,3-butadiene	ug/L	ND	20	20	21.5	20.0	108	100	50-149	7	19								
Isopropylbenzene (Cumene)	ug/L	ND	20	20	24.0	22.5	120	113	64-137	6	27								
m&p-Xylene	ug/L	0.35J	40	40	46.3	43.4	115	108	63-134	6	25								
Methyl-tert-butyl ether	ug/L	ND	20	20	21.0	22.5	105	113	59-143	7	26								
Methylene chloride	ug/L	ND	20	20	23.0	23.0	114	113	52-133	.2	23								
n-Butylbenzene	ug/L	ND	20	20	28.5	26.7	142	134	65-143	6	20								
n-Propylbenzene	ug/L	0.12J	20	20	26.7	25.1	133	125	64-141	6	25								
Naphthalene	ug/L	2.1J	20	20	16.2	18.0	71	79	48-141	10	29								
o-Xylene	ug/L	ND	20	20	24.1	21.4	120	106	68-131	12	23								
p-Isopropyltoluene	ug/L	0.47J	20	20	25.0	23.9	122	117	69-137	4	21								
sec-Butylbenzene	ug/L	ND	20	20	26.3	24.6	131	123	69-139	6	20								
Styrene	ug/L	ND	20	20	22.6	22.7	113	114	67-135	.7	23								
tert-Butylbenzene	ug/L	ND	20	20	25.1	23.9	126	120	61-129	5	21								
Tetrachloroethene	ug/L	ND	20	20	19.1	19.8	96	99	40-122	3	21								
Toluene	ug/L	2.4	20	20	26.0	25.3	118	115	64-128	3	24								
trans-1,2-Dichloroethene	ug/L	0.17J	20	20	23.3	22.5	116	112	66-150	4	21								
trans-1,3-Dichloropropene	ug/L	ND	20	20	24.9	22.6	124	113	51-116	9	23	M1							
Trichloroethene	ug/L	ND	20	20	20.2	19.7	101	99	68-135	3	21								
Trichlorofluoromethane	ug/L	ND	20	20	15.6	18.5	78	93	54-160	17	23								
Vinyl chloride	ug/L	0.51J	20	20	18.1	21.9	88	107	45-155	19	22								
Xylene (Total)	ug/L	0.45J	60	60	70.4	64.8	117	107	65-133	8	25								
1,2-Dichloroethane-d4 (S)	%						86	91	72-127										
4-Bromofluorobenzene (S)	%						110	112	79-121										
Dibromofluoromethane (S)	%						93	96	81-119										
Toluene-d8 (S)	%						111	104	77-120										

QUALITY CONTROL DATA

Project: Superlon

Project No.: 2510387

QC Batch: MSV/6087 Analysis Method: EPA 5030B/8260
 QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
 Associated Lab Samples: 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007, 2510387008

METHOD BLANK: 98203 Matrix: Water
 Associated Lab Samples: 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007, 2510387008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/22/11 12:44	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/22/11 12:44	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/22/11 12:44	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/22/11 12:44	
1,1-Dichloroethane	ug/L	ND	1.0	12/22/11 12:44	
1,1-Dichloroethene	ug/L	ND	1.0	12/22/11 12:44	
1,1-Dichloropropene	ug/L	ND	1.0	12/22/11 12:44	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/22/11 12:44	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/22/11 12:44	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/22/11 12:44	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	12/22/11 12:44	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	12/22/11 12:44	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/22/11 12:44	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/22/11 12:44	
1,2-Dichloroethane	ug/L	ND	1.0	12/22/11 12:44	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	12/22/11 12:44	
1,2-Dichloropropane	ug/L	ND	1.0	12/22/11 12:44	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	12/22/11 12:44	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/22/11 12:44	
1,3-Dichloropropane	ug/L	ND	1.0	12/22/11 12:44	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/22/11 12:44	
2,2-Dichloropropane	ug/L	ND	1.0	12/22/11 12:44	
2-Butanone (MEK)	ug/L	ND	5.0	12/22/11 12:44	
2-Chlorotoluene	ug/L	ND	1.0	12/22/11 12:44	
2-Hexanone	ug/L	ND	5.0	12/22/11 12:44	
4-Chlorotoluene	ug/L	ND	1.0	12/22/11 12:44	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/22/11 12:44	
Acetone	ug/L	ND	5.0	12/22/11 12:44	
Benzene	ug/L	ND	1.0	12/22/11 12:44	
Bromobenzene	ug/L	ND	1.0	12/22/11 12:44	
Bromochloromethane	ug/L	ND	1.0	12/22/11 12:44	
Bromodichloromethane	ug/L	ND	1.0	12/22/11 12:44	
Bromoform	ug/L	ND	1.0	12/22/11 12:44	
Bromomethane	ug/L	ND	1.0	12/22/11 12:44	
Carbon disulfide	ug/L	ND	1.0	12/22/11 12:44	
Carbon tetrachloride	ug/L	ND	1.0	12/22/11 12:44	
Chlorobenzene	ug/L	ND	1.0	12/22/11 12:44	
Chloroethane	ug/L	ND	1.0	12/22/11 12:44	
Chloroform	ug/L	ND	1.0	12/22/11 12:44	
Chloromethane	ug/L	ND	1.0	12/22/11 12:44	
cis-1,2-Dichloroethene	ug/L	0.16J	1.0	12/22/11 12:44	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/22/11 12:44	
Dibromochloromethane	ug/L	ND	1.0	12/22/11 12:44	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2510387

METHOD BLANK: 98203

Matrix: Water

Associated Lab Samples: 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007, 2510387008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	12/22/11 12:44	
Dichlorodifluoromethane	ug/L	ND	1.0	12/22/11 12:44	
Ethylbenzene	ug/L	ND	1.0	12/22/11 12:44	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/22/11 12:44	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	12/22/11 12:44	
m&p-Xylene	ug/L	ND	2.0	12/22/11 12:44	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/22/11 12:44	
Methylene chloride	ug/L	ND	5.0	12/22/11 12:44	
n-Butylbenzene	ug/L	ND	1.0	12/22/11 12:44	
n-Propylbenzene	ug/L	ND	1.0	12/22/11 12:44	
Naphthalene	ug/L	ND	10.0	12/22/11 12:44	
o-Xylene	ug/L	ND	1.0	12/22/11 12:44	
p-Isopropyltoluene	ug/L	ND	1.0	12/22/11 12:44	
sec-Butylbenzene	ug/L	ND	1.0	12/22/11 12:44	
Styrene	ug/L	ND	1.0	12/22/11 12:44	
tert-Butylbenzene	ug/L	ND	1.0	12/22/11 12:44	
Tetrachloroethene	ug/L	ND	1.0	12/22/11 12:44	
Toluene	ug/L	ND	1.0	12/22/11 12:44	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/22/11 12:44	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/22/11 12:44	
Trichloroethene	ug/L	0.44J	1.0	12/22/11 12:44	
Trichlorofluoromethane	ug/L	ND	1.0	12/22/11 12:44	
Vinyl chloride	ug/L	ND	0.20	12/22/11 12:44	
Xylene (Total)	ug/L	ND	3.0	12/22/11 12:44	
1,2-Dichloroethane-d4 (S)	%	108	72-127	12/22/11 12:44	
4-Bromofluorobenzene (S)	%	109	79-121	12/22/11 12:44	
Dibromofluoromethane (S)	%	103	81-119	12/22/11 12:44	
Toluene-d8 (S)	%	100	77-120	12/22/11 12:44	

LABORATORY CONTROL SAMPLE: 98204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.1	111	70-122	
1,1,1-Trichloroethane	ug/L	20	23.5	117	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	21.6	108	62-133	
1,1,2-Trichloroethane	ug/L	20	22.0	110	68-122	
1,1-Dichloroethane	ug/L	20	23.1	115	70-125	
1,1-Dichloroethene	ug/L	20	24.8	124	69-142	
1,1-Dichloropropene	ug/L	20	25.4	127	67-129	
1,2,3-Trichlorobenzene	ug/L	20	16.7	83	60-132	
1,2,3-Trichloropropane	ug/L	20	22.0	110	65-120	
1,2,4-Trichlorobenzene	ug/L	20	16.7	83	62-127	
1,2,4-Trimethylbenzene	ug/L	20	23.2	116	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	19.9	99	55-118	
1,2-Dibromoethane (EDB)	ug/L	20	21.6	108	65-123	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2510387

LABORATORY CONTROL SAMPLE: 98204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	22.7	113	71-118	
1,2-Dichloroethane	ug/L	20	22.4	112	63-131	
1,2-Dichloroethene (Total)	ug/L	40	47.3	118	73-134	
1,2-Dichloropropane	ug/L	20	22.3	112	70-125	
1,3,5-Trimethylbenzene	ug/L	20	25.5	128	70-123	L3
1,3-Dichlorobenzene	ug/L	20	23.1	115	72-119	
1,3-Dichloropropane	ug/L	20	23.1	116	69-122	
1,4-Dichlorobenzene	ug/L	20	22.2	111	70-116	
2,2-Dichloropropane	ug/L	20	27.0	135	52-149	
2-Butanone (MEK)	ug/L	40	52.9	132	45-155	
2-Chlorotoluene	ug/L	20	24.4	122	69-119	L3
2-Hexanone	ug/L	40	47.3	118	50-151	
4-Chlorotoluene	ug/L	20	24.5	122	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	42.2	105	61-145	
Acetone	ug/L	40	56.0	140	40-160	
Benzene	ug/L	20	23.0	115	66-123	
Bromobenzene	ug/L	20	22.7	113	68-118	
Bromochloromethane	ug/L	20	22.7	113	72-128	
Bromodichloromethane	ug/L	20	22.0	110	68-129	
Bromoform	ug/L	20	19.6	98	54-118	
Bromomethane	ug/L	20	23.2	116	43-151	
Carbon disulfide	ug/L	20	22.4	112	52-142	
Carbon tetrachloride	ug/L	20	23.3	116	67-135	
Chlorobenzene	ug/L	20	22.6	113	72-116	
Chloroethane	ug/L	20	22.2	111	48-139	
Chloroform	ug/L	20	23.3	117	71-124	
Chloromethane	ug/L	20	17.3	87	40-152	
cis-1,2-Dichloroethene	ug/L	20	23.0	115	74-133	
cis-1,3-Dichloropropene	ug/L	20	22.9	114	64-132	
Dibromochloromethane	ug/L	20	21.8	109	60-121	
Dibromomethane	ug/L	20	22.3	112	69-131	
Dichlorodifluoromethane	ug/L	20	14.7	73	40-160	
Ethylbenzene	ug/L	20	23.7	119	67-122	
Hexachloro-1,3-butadiene	ug/L	20	23.4	117	55-139	
Isopropylbenzene (Cumene)	ug/L	20	22.5	112	67-124	
m&p-Xylene	ug/L	40	45.3	113	66-122	
Methyl-tert-butyl ether	ug/L	20	21.0	105	65-138	
Methylene chloride	ug/L	20	21.4	107	58-137	
n-Butylbenzene	ug/L	20	23.1	116	68-129	
n-Propylbenzene	ug/L	20	25.6	128	66-126	L3
Naphthalene	ug/L	20	14.2	71	59-133	
o-Xylene	ug/L	20	22.9	115	69-123	
p-Isopropyltoluene	ug/L	20	23.1	116	69-127	
sec-Butylbenzene	ug/L	20	23.4	117	68-129	
Styrene	ug/L	20	22.2	111	72-125	
tert-Butylbenzene	ug/L	20	23.3	116	58-120	
Tetrachloroethene	ug/L	20	24.6	123	40-115	L3
Toluene	ug/L	20	22.0	110	64-118	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2510387

LABORATORY CONTROL SAMPLE: 98204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	24.2	121	70-134	
trans-1,3-Dichloropropene	ug/L	20	22.2	111	52-115	
Trichloroethene	ug/L	20	23.6	118	69-125	
Trichlorofluoromethane	ug/L	20	25.3	126	57-155	
Vinyl chloride	ug/L	20	22.2	111	53-132	
Xylene (Total)	ug/L	60	68.2	114	68-122	
1,2-Dichloroethane-d4 (S)	%			100	72-127	
4-Bromofluorobenzene (S)	%			101	79-121	
Dibromofluoromethane (S)	%			101	81-119	
Toluene-d8 (S)	%			101	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98292 98293

Parameter	2510382001		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.0	20.4	105	102	67-132	3	22	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	23.3	121	117	67-145	3	22	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.3	20.2	97	101	65-135	5	23	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.9	20.2	99	101	67-126	2	22	
1,1-Dichloroethane	ug/L	ND	20	20	23.6	22.7	118	114	69-138	4	21	
1,1-Dichloroethene	ug/L	ND	20	20	29.1	27.9	145	140	68-160	4	21	
1,1-Dichloropropene	ug/L	ND	20	20	25.7	25.2	128	126	68-145	2	22	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.7	17.7	88	89	57-131	.2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.2	19.8	96	99	61-123	3	24	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.7	17.7	88	89	58-130	.2	24	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.4	21.7	117	109	60-136	7	24	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.5	18.1	88	91	48-127	4	25	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.8	20.2	99	101	61-127	2	25	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.7	21.7	108	109	67-126	.1	21	
1,2-Dichloroethane	ug/L	ND	20	20	21.7	21.6	109	108	60-138	.6	23	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	47.0	47.3	117	118	70-146	.6	22	
1,2-Dichloropropane	ug/L	ND	20	20	21.7	21.7	108	108	67-138	.04	22	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	25.7	23.7	128	119	64-135	8	25	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.4	21.4	112	107	69-128	5	21	
1,3-Dichloropropane	ug/L	ND	20	20	20.6	21.9	103	109	65-128	6	22	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.2	20.5	106	102	66-124	4	28	
2,2-Dichloropropane	ug/L	ND	20	20	26.2	27.5	131	137	46-160	5	24	
2-Butanone (MEK)	ug/L	ND	40	40	33.1	40.9	83	102	40-140	21	25	
2-Chlorotoluene	ug/L	ND	20	20	23.5	21.9	117	109	67-129	7	20	
2-Hexanone	ug/L	ND	40	40	36.8	40.1	92	100	42-141	9	27	
4-Chlorotoluene	ug/L	ND	20	20	24.3	22.9	121	114	67-133	6	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	36.1	40.8	90	102	54-151	12	27	
Acetone	ug/L	ND	40	40	31.7	33.4	79	83	40-155	5	30	
Benzene	ug/L	ND	20	20	22.8	22.3	114	111	63-138	2	24	
Bromobenzene	ug/L	ND	20	20	21.2	20.5	106	103	64-127	3	21	
Bromochloromethane	ug/L	ND	20	20	21.7	21.7	108	108	66-136	.02	22	
Bromodichloromethane	ug/L	ND	20	20	20.2	20.4	101	102	65-138	.9	23	

Date: 04/18/2012 04:47 PM

REPORT OF LABORATORY ANALYSIS

Page 39 of 46

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2510387

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98292 98293											
Parameter	Units	2510382001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Bromoform	ug/L	ND	20	20	17.3	18.1	86	91	51-119	5	23
Bromomethane	ug/L	ND	20	20	23.5	27.3	117	137	40-158	15	26
Carbon disulfide	ug/L	ND	20	20	32.7	31.5	164	158	56-158	4	23 M1
Carbon tetrachloride	ug/L	ND	20	20	24.5	23.1	122	116	66-152	6	22
Chlorobenzene	ug/L	ND	20	20	22.0	21.5	110	108	68-128	2	27
Chloroethane	ug/L	ND	20	20	23.3	24.9	116	124	49-154	7	25
Chloroform	ug/L	ND	20	20	23.2	22.4	116	112	69-137	4	21
Chloromethane	ug/L	ND	20	20	19.4	21.6	97	108	40-160	11	25
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.7	23.1	107	115	69-147	6	21
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.8	21.3	104	106	60-141	2	23
Dibromochloromethane	ug/L	ND	20	20	18.9	19.4	95	97	56-125	3	23
Dibromomethane	ug/L	ND	20	20	20.0	20.5	100	102	63-137	2	23
Dichlorodifluoromethane	ug/L	ND	20	20	21.7	23.8	109	119	40-160	9	24
Ethylbenzene	ug/L	ND	20	20	23.5	22.5	117	112	65-135	4	25
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.8	22.2	119	111	50-149	7	19
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.1	22.1	115	110	64-137	5	27
m&p-Xylene	ug/L	ND	40	40	44.7	43.1	112	108	63-134	4	25
Methyl-tert-butyl ether	ug/L	ND	20	20	20.6	21.6	102	107	59-143	5	26
Methylene chloride	ug/L	ND	20	20	21.9	21.6	110	108	52-133	1	23
n-Butylbenzene	ug/L	ND	20	20	24.2	22.5	121	112	65-143	8	20
n-Propylbenzene	ug/L	ND	20	20	25.8	23.8	129	119	64-141	8	25
Naphthalene	ug/L	ND	20	20	15.8	17.0	59	65	48-141	7	29
o-Xylene	ug/L	ND	20	20	22.1	21.4	111	107	68-131	3	23
p-Isopropyltoluene	ug/L	ND	20	20	23.3	21.4	117	107	69-137	8	21
sec-Butylbenzene	ug/L	1.4	20	20	23.8	22.1	112	103	69-139	8	20
Styrene	ug/L	ND	20	20	21.6	21.2	108	106	67-135	2	23
tert-Butylbenzene	ug/L	ND	20	20	23.7	22.1	119	111	61-129	7	21
Tetrachloroethene	ug/L	ND	20	20	25.4	24.4	127	122	40-122	4	21 MO
Toluene	ug/L	ND	20	20	21.8	20.9	109	104	64-128	5	24
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.3	24.2	127	121	66-150	4	21
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.1	20.5	101	103	51-116	2	23
Trichloroethene	ug/L	ND	20	20	23.4	22.9	115	113	68-135	2	21
Trichlorofluoromethane	ug/L	ND	20	20	25.4	27.2	127	136	54-160	7	23
Vinyl chloride	ug/L	ND	20	20	24.6	26.7	123	133	45-155	8	22
Xylene (Total)	ug/L	ND	60	60	66.8	64.5	111	107	65-133	3	25
1,2-Dichloroethane-d4 (S)	%						96	100	72-127		
4-Bromofluorobenzene (S)	%						98	96	79-121		
Dibromofluoromethane (S)	%						100	101	81-119		
Toluene-d8 (S)	%						101	102	77-120		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2510387

QC Batch: MSV/6088 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx MSV Water
 Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007, 2510387008

METHOD BLANK: 98205 Matrix: Water
 Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007, 2510387008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	ND	50.0	12/22/11 12:26	
4-Bromofluorobenzene (S)	%	110	50-150	12/22/11 12:26	

LABORATORY CONTROL SAMPLE: 98206

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	418	84	65-139	
4-Bromofluorobenzene (S)	%			104	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98290 98291

Parameter	Units	2510382002 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits		
Gasoline Range Organics	ug/L	ND	500	500	523	526	104	104	48-147	.5	30
4-Bromofluorobenzene (S)	%						104	103	50-150		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2510387

QC Batch: OEXT/4900 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

METHOD BLANK: 98334 Matrix: Water
Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	5.0	12/27/11 11:18	
2,4,6-Tribromophenol (S)	%	114	30-126	12/27/11 11:18	
2-Fluorophenol (S)	%	60	12-110	12/27/11 11:18	
Phenol-d6 (S)	%	45	10-110	12/27/11 11:18	

LABORATORY CONTROL SAMPLE: 98335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	40	44.4	111	20-132	
2,4,6-Tribromophenol (S)	%			122	30-126	
2-Fluorophenol (S)	%			54	12-110	
Phenol-d6 (S)	%			40	10-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98336 98337

Parameter	Units	2510387004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/L	ND	38.5	38.5	41.8	42.6	109	111	20-132	2	35	
2,4,6-Tribromophenol (S)	%						118	122	30-126			
2-Fluorophenol (S)	%						56	58	12-110			
Phenol-d6 (S)	%						40	42	10-110			

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2510387

QC Batch: OEXT/4906 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3510 Analysis Description: NWTPH-Dx GCS SG
 Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

METHOD BLANK: 98393 Matrix: Water
 Associated Lab Samples: 2510387001, 2510387002, 2510387003, 2510387004, 2510387005, 2510387006, 2510387007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	ND	0.080	12/27/11 14:21	
Motor Oil Range SG	mg/L	ND	0.40	12/27/11 14:21	
n-Octacosane (S) SG	%	102	50-150	12/27/11 14:21	
o-Terphenyl (S) SG	%	89	50-150	12/27/11 14:21	

LABORATORY CONTROL SAMPLE: 98394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/L	4	3.5	89	59-114	
Motor Oil Range SG	mg/L	4	3.8	94	69-124	
n-Octacosane (S) SG	%			104	50-150	
o-Terphenyl (S) SG	%			96	50-150	

SAMPLE DUPLICATE: 98395

Parameter	Units	2510383003 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/L	ND	ND		39	
Motor Oil Range SG	mg/L	ND	ND		38	
n-Octacosane (S) SG	%	101	102	.2		
o-Terphenyl (S) SG	%	88	88	.9		

SAMPLE DUPLICATE: 98396

Parameter	Units	2510387004 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/L	ND	ND		39	
Motor Oil Range SG	mg/L	ND	ND		38	
n-Octacosane (S) SG	%	90	98	9		
o-Terphenyl (S) SG	%	79	86	8		

QUALIFIERS

Project: Superlon

Pace Project No.: 2510387

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 2510387

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2510387001	SUP_MW_1_121911	EPA 3510	OEXT/4906	NWTPH-Dx	GCSV/3193
2510387002	SUP_MW_2_121911	EPA 3510	OEXT/4906	NWTPH-Dx	GCSV/3193
2510387003	SUP_MW_3_121911	EPA 3510	OEXT/4906	NWTPH-Dx	GCSV/3193
2510387004	SUP_MW_4_121911	EPA 3510	OEXT/4906	NWTPH-Dx	GCSV/3193
2510387005	SUP_MW_5_121911	EPA 3510	OEXT/4906	NWTPH-Dx	GCSV/3193
2510387006	SUP_MW_6_122011	EPA 3510	OEXT/4906	NWTPH-Dx	GCSV/3193
2510387007	SUP_MW_7_122011	EPA 3510	OEXT/4906	NWTPH-Dx	GCSV/3193
2510387001	SUP_MW_1_121911	EPA 3010	MPRP/2716	EPA 6010	ICP/2563
2510387002	SUP_MW_2_121911	EPA 3010	MPRP/2716	EPA 6010	ICP/2563
2510387003	SUP_MW_3_121911	EPA 3010	MPRP/2716	EPA 6010	ICP/2563
2510387004	SUP_MW_4_121911	EPA 3010	MPRP/2716	EPA 6010	ICP/2563
2510387005	SUP_MW_5_121911	EPA 3010	MPRP/2716	EPA 6010	ICP/2563
2510387006	SUP_MW_6_122011	EPA 3010	MPRP/2716	EPA 6010	ICP/2563
2510387007	SUP_MW_7_122011	EPA 3010	MPRP/2716	EPA 6010	ICP/2563
2510387001	SUP_MW_1_121911	EPA 3010	MPRP/2718	EPA 6010	ICP/2565
2510387002	SUP_MW_2_121911	EPA 3010	MPRP/2718	EPA 6010	ICP/2565
2510387003	SUP_MW_3_121911	EPA 3010	MPRP/2718	EPA 6010	ICP/2565
2510387004	SUP_MW_4_121911	EPA 3010	MPRP/2718	EPA 6010	ICP/2565
2510387005	SUP_MW_5_121911	EPA 3010	MPRP/2718	EPA 6010	ICP/2565
2510387006	SUP_MW_6_122011	EPA 3010	MPRP/2718	EPA 6010	ICP/2565
2510387007	SUP_MW_7_122011	EPA 3010	MPRP/2718	EPA 6010	ICP/2565
2510387001	SUP_MW_1_121911	EPA 7470	MERP/1595	EPA 7470	MERC/1609
2510387002	SUP_MW_2_121911	EPA 7470	MERP/1595	EPA 7470	MERC/1609
2510387003	SUP_MW_3_121911	EPA 7470	MERP/1595	EPA 7470	MERC/1609
2510387004	SUP_MW_4_121911	EPA 7470	MERP/1595	EPA 7470	MERC/1609
2510387005	SUP_MW_5_121911	EPA 7470	MERP/1595	EPA 7470	MERC/1609
2510387006	SUP_MW_6_122011	EPA 7470	MERP/1595	EPA 7470	MERC/1609
2510387007	SUP_MW_7_122011	EPA 7470	MERP/1595	EPA 7470	MERC/1609
2510387001	SUP_MW_1_121911	EPA 7470	MERP/1596	EPA 7470	MERC/1610
2510387002	SUP_MW_2_121911	EPA 7470	MERP/1596	EPA 7470	MERC/1610
2510387003	SUP_MW_3_121911	EPA 7470	MERP/1596	EPA 7470	MERC/1610
2510387004	SUP_MW_4_121911	EPA 7470	MERP/1596	EPA 7470	MERC/1610
2510387005	SUP_MW_5_121911	EPA 7470	MERP/1596	EPA 7470	MERC/1610
2510387006	SUP_MW_6_122011	EPA 7470	MERP/1596	EPA 7470	MERC/1610
2510387007	SUP_MW_7_122011	EPA 7470	MERP/1596	EPA 7470	MERC/1610
2510387001	SUP_MW_1_121911	EPA 3510	OEXT/4900	EPA 8270	MSSV/1899
2510387002	SUP_MW_2_121911	EPA 3510	OEXT/4900	EPA 8270	MSSV/1899
2510387003	SUP_MW_3_121911	EPA 3510	OEXT/4900	EPA 8270	MSSV/1899
2510387004	SUP_MW_4_121911	EPA 3510	OEXT/4900	EPA 8270	MSSV/1899
2510387005	SUP_MW_5_121911	EPA 3510	OEXT/4900	EPA 8270	MSSV/1899
2510387006	SUP_MW_6_122011	EPA 3510	OEXT/4900	EPA 8270	MSSV/1899
2510387007	SUP_MW_7_122011	EPA 3510	OEXT/4900	EPA 8270	MSSV/1899
2510387001	SUP_MW_1_121911	EPA 5030B/8260	MSV/6079		
2510387002	SUP_MW_2_121911	EPA 5030B/8260	MSV/6087		
2510387003	SUP_MW_3_121911	EPA 5030B/8260	MSV/6087		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 2510387

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2510387004	SUP_MW_4_121911	EPA 5030B/8260	MSV/6087		
2510387005	SUP_MW_5_121911	EPA 5030B/8260	MSV/6087		
2510387006	SUP_MW_6_122011	EPA 5030B/8260	MSV/6087		
2510387007	SUP_MW_7_122011	EPA 5030B/8260	MSV/6087		
2510387008	Trip Blanks #1,#2,#3	EPA 5030B/8260	MSV/6087		
2510387001	SUP_MW_1_121911	NWTPH-Gx	MSV/6088		
2510387002	SUP_MW_2_121911	NWTPH-Gx	MSV/6088		
2510387003	SUP_MW_3_121911	NWTPH-Gx	MSV/6088		
2510387004	SUP_MW_4_121911	NWTPH-Gx	MSV/6088		
2510387005	SUP_MW_5_121911	NWTPH-Gx	MSV/6088		
2510387006	SUP_MW_6_122011	NWTPH-Gx	MSV/6088		
2510387007	SUP_MW_7_122011	NWTPH-Gx	MSV/6088		
2510387008	Trip Blanks #1,#2,#3	NWTPH-Gx	MSV/6088		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: May 29, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 2511542
Sample Date(s): April 2, 2012 through April 3, 2012

This review summarizes the data quality of analytical results generated in support of the April 2nd and 3rd, 2012 Remedial Investigation Workplan (groundwater monitoring) sampling event for the Superlon Plastics Site in Tacoma, Washington. This review summarizes the data quality in sample delivery group 2511542.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2511542



Delivery Group Summary

Seven groundwater samples, one groundwater duplicate, four groundwater trip blanks, and one equipment blank were collected by Pacific Environmental Redevelopment Corporation on April 2nd and 3rd, 2012. Samples were hand delivered to Pace Analytical Services in Seattle, Washington on April 3rd, 2012. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), total and dissolved mercury, diesel range organics, gasoline range organics, semivolatile organic compounds (pentachlorophenol only), volatile organic compounds (VOCs), total dissolved solids, and salinity by methods 6010, 7470, NWTPH-Dx, NWTPH-Gx, 8270, 8260, 2540C and 2520B, respectively. Pace Analytical Services subcontracted Fremont Analytical in Seattle, Washington to conduct the salinity analysis.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 are of acceptable quality. None of the results were qualified.
- Total and dissolved mercury results by method 7470 have 100% of the results qualified.
- Pentachlorophenol results by method 8270 have 88.8% of the results qualified.
- VOC results by method 8260 have 2.0% of the results qualified.
- Diesel range organic results by method NWTPH-Dx have 77.7% of the results qualified.
- Gasoline range organic results by method NWTPH-Gx are of acceptable quality. None of the results were qualified.
- Total dissolved solid results by method 2540C have 100% of the results qualified.
- Salinity results by method 2520B are of acceptable quality. None of the results were qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:		
Collected by the Field Crew		Provided by the Laboratory
Groundwater= 7 Samples (1 Duplicate)	Equipment Blank= 1 Sample	Trip Blank (Groundwater)= 4 Samples
6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury 8270 Pentachlorophenol Only 8260 VOC NWTPH-Dx NWTPH-Gx 2540C Total Dissolved Solids 2520B Salinity	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury 8270 Pentachlorophenol Only 8260 VOC NWTPH-Dx NWTPH-Gx 2540C Total Dissolved Solids 2520B Salinity	NWTPH-Gx 8260 VOCs

Representativeness

Holding Time:

Criteria Used to Qualify Data Associated with Holding Times:

- 1) Holding Times for Soil Samples:
 - a. Due to limited information concerning holding times for soil samples, it is left to the discretion of the reviewer to apply water holding time criteria to soil samples.
- 2) Holding Times for Water Samples:
 - a. If holding times exceed:
 - i. Positive results are flagged as estimated (J).
 - ii. Negative results are flagged with the sample quantitation limit as estimated (UJ).
 - b. If holding times grossly exceed upon first analysis or re-analysis:
 - i. Positive results are flagged as estimated (J or UJ).
 - ii. Negative results are flagged as unusable (R).

Action: The following sample results exceeded holding times and were qualified based on the criteria above:

Field ID	Lab ID	Analytes/ Methods	Date Coll.	Date Prep.	Date Ana.	HT	# of Days Past HT	Comment
SUP_MW_4_040212 SUP_MW_3_040212 SUP_MW_1_040212 SUP_MW_2_040212 SUP_MW_DUP_040212	2511542001 2511542002 2511542004 2511542005 2511542006	8270 Pentachlorophenol	4/2/12	4/06/12	4/15/12	7 days	6	Slight exceedance of holding time. Qualified based on criteria 2b.
SUP_MW_5_040312	2511542008	8270 Pentachlorophenol	4/3/12	4/06/12	4/15/12	7 days	5	Slight exceedance of holding time. Qualified based on criteria 2b.



SUP_MW_6_040312 SUP_MW_7_040312	2511542009 2511542011	8270 Pentachlorophenol	4/3/12	4/06/12	4/16/12	7 days	6	Slight exceedance of holding time. Qualified based on criteria 2b.
SUP_MW_DUP_0402 12	2511542006	Diesel Range SG	4/2/12	4/10/12	4/10/12	7 days to extract, 40 days after extraction	1	Slight exceedance of holding time. Qualified based on criteria 2b.
SUP_MW_DUP_0402 12	2511542006	Motor Oil Range SG	4/2/12	4/10/12	4/10/12	7 days to extract, 40 days after extraction	1	Slight exceedance of holding time. Qualified based on criteria 2b.

Accuracy

Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:



Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes/Methods Associated with Surrogate	Comment
SUP_MW_3_040212	2511542002	2-Fluorophenol	6	12-110	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Qualified based on criteria 4c.
		2,4,6-Tribromophenol	11	30-126	Low	Semivolatile Acid Surrogate		
NA	Method Blank: 109907	2,4,6-Tribromophenol	9	30-126	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Results were not qualified since they are quality control data.
		2-Fluorophenol	4	12-110	Low	Semivolatile Acid Surrogate		
NA	Matrix Spike Sample: 109909	2,4,6-Tribromophenol	0	30-126	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Results were not qualified since they are quality control data.
		2-Fluorophenol	0.7	12-110	Low	Semivolatile Acid Surrogate		
		Phenol-d6	5	10-110	Low	Semivolatile Acid Surrogate		

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples (minimum of one per day per matrix). All samples were transported via four cooler with trip blanks.

The following analytes were detected in the method, trip, and equipment blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
Trip Blank #1	Trip Blank	SUP_MW_5_040312 SUP_MW_6_040312	2511542008 2511542009	Carbon disulfide	0.32 J	ug/L
				Methylene chloride	1.5 J	ug/L
				Trichloroethene	0.30 J	ug/L
				cis-1,2-Dichloroethene	0.10 J	ug/L
Trip Blank #2	Trip Blank	SUP_MW_1_040212 SUP_MW_2_040212 SUP_MW_DUP_040212	2511542004 2511542005 2511542006	Carbon disulfide	0.27 J	ug/L
				Methylene chloride	1.4 J	ug/L
				Trichloroethene	0.26 J	ug/L
Trip Blank #3	Trip Blank	SUP_MW_3_040212 SUP_MW_4_040212	2511542002 2511542001	Carbon disulfide	0.28 J	ug/L
				Methylene chloride	1.5 J	ug/L
				Trichloroethene	0.29 J	ug/L
Trip Blank #4	Trip Blank	SUP_MW_7_040312 SUP_MW_EQUIP_040312	2511542011 2511542012	Carbon disulfide	0.26 J	ug/L
				Methylene chloride	1.5 J	ug/L
				Trichloroethene	0.23 J	ug/L



SUP_MW_EQUIP_040312	Equipment Blank	See "Additional Comments" section below.	See "Additional Comments" section below.	Bromodichloromethane	0.10 J	ug/L
				Carbon disulfide	0.26 J	ug/L
				Chloroform	6.6	ug/L
				Trichloroethene	0.74 J	ug/L
				cis-1,2-Dichloroethene	0.18 J	ug/L
				Total Dissolved Solids	93.0	mg/L
110240	Method Blank	SUP_MW_7_040312 SUP_MW_EQUIP_040312	2511542011 2511542012	1,2,4-Trimethylbenzene	0.12 J	ug/L
				Acetone	1.2 J	ug/L
				Carbon disulfide	0.27 J	ug/L
				Methylene chloride	3.5 J	ug/L
				n-Butylbenzene	0.52 J	ug/L
110538	Method Blank	SUP_MW_4_040212 SUP_MW_3_040212 SUP_MW_1_040212 SUP_MW_2_040212 SUP_MW_DUP_040212 SUP_MW_5_040312 SUP_MW_6_040312	2511542001 2511542002 2511542004 2511542005 2511542006 2511542008 2511542009	Acetone	1.4 J	ug/L
				Carbon disulfide	0.30 J	ug/L
				Methylene chloride	3.7 J	ug/L
109576	Method Blank	SUP_MW_4_040212 SUP_MW_3_040212 SUP_MW_1_040212 SUP_MW_2_040212 SUP_MW_DUP_040212 SUP_MW_5_040312 SUP_MW_6_040312 SUP_MW_7_040312 SUP_MW_EQUIP_040312	2511542001 2511542002 2511542004 2511542005 2511542006 2511542008 2511542009 2511542011 2511542012	Total dissolved solids	1.0 J	mg/L

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is less than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:



Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Carbon disulfide		
SUP_MW_4_040212	2511542001	110538	Method Blank
SUP_MW_3_040212	2511542002		
SUP_MW_1_040212	2511542004		
SUP_MW_2_040212	2511542005		
SUP_MW_DUP_040212	2511542006		
SUP_MW_5_040312	2511542008	Trip Blank #1	Trip Blank
SUP_MW_6_040312	2511542009		
SUP_MW_7_040312	2511542011	110240	Method Blank
SUP_MW_EQUIP_040312	2511542012		
Analyte:	Trichloroethene		
SUP_MW_1_040212	2511542004	Trip Blank #2	Trip Blank
SUP_MW_7_040312	2511542011	Trip Blank #4	Trip Blank
SUP_MW_EQUIP_040312	2511542012		
Analyte:	Total dissolved solids		
SUP_MW_4_040212	2511542001	109576	Method Blank
SUP_MW_3_040212	2511542002		
SUP_MW_1_040212	2511542004		
SUP_MW_2_040212	2511542005		
SUP_MW_DUP_040212	2511542006		
SUP_MW_5_040312	2511542008		
SUP_MW_6_040312	2511542009		
SUP_MW_7_040312	2511542011		
SUP_MW_EQUIP_040312	2511542012		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for NWTTPH-Dx.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:



Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_4_040212 SUP_MW_3_040212 SUP_MW_1_040212 SUP_MW_2_040212 SUP_MW_DUP_040212 SUP_MW_5_040312 SUP_MW_6_040312 SUP_MW_7_040312 SUP_MW_EQUIP_040312	2511542001 2511542002 2511542004 2511542005 2511542006 2511542008 2511542009 2511542011 2511542012	110302/ 110303	Mercury	72/72	75-125	0.8	20	Low	Qualified based on criteria 2c and 2d.
SUP_MW_4_040212 SUP_MW_3_040212 SUP_MW_1_040212 SUP_MW_2_040212 SUP_MW_DUP_040212 SUP_MW_5_040312 SUP_MW_6_040312 SUP_MW_7_040312 SUP_MW_EQUIP_040312	2511542001 2511542002 2511542004 2511542005 2511542006 2511542008 2511542009 2511542011 2511542012	110306/ 110307	Mercury, Dissolved	70/71	75-125	1	20	Low	Qualified based on criteria 2d.
SUP_MW_7_040312 SUP_MW_EQUIP_040312	2511542011 2511542012	110396/ 110397	Trichloroethene	64/59	80-112	5	30	Low	Results not qualified based on criteria 1a.
			Vinyl chloride	110/113	80-112	2	30	High	Results not qualified based on criteria 1a.
SUP_MW_4_040212 SUP_MW_3_040212 SUP_MW_1_040212 SUP_MW_2_040212 SUP_MW_DUP_040212 SUP_MW_5_040312 SUP_MW_6_040312	2511542001 2511542002 2511542004 2511542005 2511542006 2511542008 2511542009	110576/ 110577	Vinyl chloride	110/113	80-112	2	30	High	Results not qualified based on criteria 1a.
		110578/ 110579	1,1,1,2-Tetrachloroethane	76/100	67-132	27	22	High	Results not qualified based on criteria 1a.
			1,1,1-Trichloroethane	94/121	67-145	26	22	High	Results not qualified based on criteria 1a.



			1,1,2- Trichloroethane	77/99	67- 126	25	22	High	Results not qualified based on criteria 1a.
			1,1- Dichloroethane	94/122	69- 138	26	21	High	Results not qualified based on criteria 1a.
			1,1- Dichloroethene	131/145	68- 160	25	21	High	Results not qualified based on criteria 1a.
			1,1- Dichloropropene	95/122	68- 145	25	22	High	Results not qualified based on criteria 1a.
			1,2,4- Trichlorobenzen e	65/84	58- 130	26	24	High	Results not qualified based on criteria 1a.
			1,2- Dichlorobenzene	78/98	67- 126	23	21	High	Results not qualified based on criteria 1a.
			1,2- Dichloroethene (Total)	98/124	70- 146	24	22	High	Results not qualified based on criteria 1a.
			1,2- Dichloropropane	86/111	67- 138	26	22	High	Results not qualified based on criteria 1a.
			1,3- Dichlorobenzene	77/99	69- 128	24	21	High	Results not qualified based on criteria 1a.
			1,3- Dichloropropane	77/97	65- 128	23	22	High	Results not qualified based on criteria 1a.



			2-Chlorotoluene	78/98	67-129	23	20	High	Results not qualified based on criteria 1a.
			2-Hexanone	67/89	42-141	29	27	High	Results not qualified based on criteria 1a.
			4-Chlorotoluene	80/101	67-133	23	20	High	Results not qualified based on criteria 1a.
			Acetone	59/82	40-155	33	30	High	Results not qualified based on criteria 1a.
			Benzene	77/99	63-138	25	24	High	Results not qualified based on criteria 1a.
			Bromobenzene	81/102	64-127	24	21	High	Results not qualified based on criteria 1a.
			Bromochloromethane	88/116	66-136	28	22	High	Results not qualified based on criteria 1a.
			Bromodichloromethane	81/107	65-138	28	23	High	Results not qualified based on criteria 1a.
			Bromoform	70/89	51-119	24	23	High	Results not qualified based on criteria 1a.
			Carbon disulfide	106/142	56-158	29	23	High	Results not qualified based on criteria 1a.



			Carbon tetrachloride	91/121	66-158	27	22	High	Results not qualified based on criteria 1a.
			Chloroform	88/114	69-137	25	21	High	Results not qualified based on criteria 1a.
			cis-1,3-Dichloropropene	74/95	60-141	24	23	High	Results not qualified based on criteria 1a.
			Dibromochloromethane	72/94	56-125	25	23	High	Results not qualified based on criteria 1a.
			Dibromomethane	76/102	63-137	29	23	High	Results not qualified based on criteria 1a.
			Ethylbenzene	85/110	65-135	26	25	High	Results not qualified based on criteria 1a.
			Hexachloro-1,3-butadiene	69/91	50-149	27	19	High	Results not qualified based on criteria 1a.
			m&p-Xylene	84/108	63-134	26	25	High	Results not qualified based on criteria 1a.
			Methylene chloride	81/103	52-133	24	23	High	Results not qualified based on criteria 1a.
			n-Butylbenzene	71/92	65-143	26	20	High	Results not qualified based on criteria 1a.



			o-Xylene	83/109	68-131	27	23	High	Results not qualified based on criteria 1a.
			p-Isopropyltoluene	72/92	69-137	24	21	High	Results not qualified based on criteria 1a.
			sec-Butylbenzene	79/101	69-139	24	20	High	Results not qualified based on criteria 1a.
			Styrene	69/89	67-135	26	23	High	Results not qualified based on criteria 1a.
			Tert-Butylbenzene	81/102	61-129	23	21	High	Results not qualified based on criteria 1a.
			trans-1,2-Dichloroethene	102/128	66-150	23	21	High	Results not qualified based on criteria 1a.
			Xylene (Total)	84/109	65-133	26	25	High	Results not qualified based on criteria 1a.
SUP_MW_4_040212 SUP_MW_3_040212 SUP_MW_1_040212 SUP_MW_2_040212 SUP_MW_DUP_040212 SUP_MW_5_040312 SUP_MW_6_040312 SUP_MW_7_040312 SUP_MW_EQUIP_040312	2511542001 2511542002 2511542004 2511542005 2511542006 2511542008 2511542009 2511542011 2511542012	109909/ 109910	Pentachlorophenol	0/95	40-119		30	Low	Results not qualified based on criteria 1a.



Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 6010 and 8260, one per extraction batch for method NWTPH-Gx and NWTPH-Dx, and one per 10 samples for method 8270.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_4_040212	2511542001	109831	Diesel Range SG	99	61-98			High	Qualified based on criteria 1a and 1c.
SUP_MW_3_040212	2511542002								
SUP_MW_1_040212	2511542004								
SUP_MW_2_040212	2511542005		Motor Oil Range SG						
SUP_MW_DUP_040212	2511542006		Motor Oil Range SG	100	61-98			High	Qualified based on criteria 1c.
SUP_MW_5_040312	2511542008								
SUP_MW_6_040312	2511542009								
SUP_MW_7_040312	2511542011								
SUP_MW_EQUIP_040312	2511542012								



Field Duplicates:

As specified in the SAP & QAPP, field duplicates were prepared and analyzed at the required frequency. Sample SUP_MW_DUP_040212 (2511542006) was collected as a field duplicate and is associated with SUP_MW_2_040212 (2511542005).

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_MW_2_040212 (Lab ID -2511542005)	SUP_MW_DUP_050212 (Lab ID – 2511542006)		
Diesel Range SG	0.041 J	ND (MDL of 0.038)	mg/L	8
Arsenic	0.11	0.10	mg/L	10
Cadmium	0.0018 J	0.0017 J	mg/L	6
Lead	0.0050 J	0.0039 J	mg/L	25
Arsenic, Dissolved	0.0071 J	0.0054 J	mg/L	27
Carbon Disulfide	0.35 J	0.33 J	ug/L	6
Total Dissolved Solids	526	537	mg/L	2

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

No discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice, however it was noted that MW-3 had an amber jar for NWTPH-Dx that had an approximate pH of 4. Cooler custody seals were used. The temperature of the delivery coolers were recorded at 2.6, 5.5, 6.9, and 7.4 °C. The first two coolers were within the required temperature. The other two coolers exceeded the required temperature range. Since the samples were delivered on ice the same day of collection, or kept on ice over-night, no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly). Salinity analysis was not conducted as requested on the chain-of-custody.

As reported by the lab, it should be noted the dissolved arsenic and cadmium sample results for SUP_MW_3_040212 (2511542002) were greater than the total arsenic and cadmium sample results. No qualification was given to these sample results.

It should be noted that there were poor recoveries of surrogates for pentachlorophenol analysis. Both the matrix spike, and the method blank had extremely low surrogate recoveries (<10%). In addition, the matrix spike pentachlorophenol had an extremely low percentage recovery. Due to pentachlorophenol's chemical characteristics, it typically exhibits poor recoveries. Pentachlorophenol sample results were not qualified based on the pentachlorophenol quality control data that exceeded surrogate and matrix spike recoveries.

One equipment blank was collected for this sampling event, SUP_MW_EQUIP_040312 (2511542012), and all groundwater samples collected for this event were assumed to be associated with this equipment blank. However, it was found that distilled water instead of deionized water was used to collect the equipment blank and for decontaminating equipment between sample



collection. Decontamination procedures, the use of distilled water, and the effects of both on the field samples are unknown. Purging of the well prior to collection of the groundwater samples may or may not have rinsed-out contaminants potentially left behind on the equipment from the distilled water. Since the technical implications of using distilled water are unable to be quantified based on the data collected, additional qualification of the data based on the equipment blank was not performed.

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Sixty-one (61) sample results were qualified (see Attachment 1).
- Two detected sample results were qualified as estimated (J) due to LCS/LCSD or MS/MSD recoveries that exceeded control limits.
- Thirty-seven nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD or MS/MSD recoveries that exceeded control limits and/or the analysis was conducted outside method holding times.
- Nine detected sample results were qualified (B) due to method blank contamination.
- One nondetected sample result was rejected (UR) due to surrogate recoveries that exceeded control limits. The same sample result had its analysis conducted outside method holding time.
- Twelve detected sample results were qualified as nondetect (UB) due to trip or method blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2511542

Laboratory Results									Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Results	Units	PQL	MDL	Independent Reviewer Qualifier	Reason for Qualification
SUP_MW_1_040212	2511542004	EPA 5030B/8260	Water	Carbon disulfide	0.36 J	ug/L	1.0	0.10	UB	Method Blank Contamination
SUP_MW_1_040212	2511542004	EPA 5030B/8260	Water	Trichloroethene	0.11 J	ug/L	1.0	0.10	UB	Trip Blank Contamination
SUP_MW_1_040212	2511542004	EPA 7470	Water	Mercury	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_1_040212	2511542004	EPA 7470	Water	Mercury, Dissolved	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_1_040212	2511542004	EPA 8270	Water	Pentachlorophenol	ND	ug/L	4.8	0.44	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_1_040212	2511542004	NWTPH-Dx	Water	Diesel Range SG	ND	mg/L	0.076	0.038	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_1_040212	2511542004	NWTPH-Dx	Water	Motor Oil Range SG	ND	mg/L	0.38	0.19	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_1_040212	2511542004	SM 2540C	Water	Total Dissolved Solids	1790	mg/L	10.0	2.0	B	Method Blank Contamination
SUP_MW_2_040212	2511542005	EPA 5030B/8260	Water	Carbon disulfide	0.35 J	ug/L	1.0	0.10	UB	Method Blank Contamination
SUP_MW_2_040212	2511542005	EPA 7470	Water	Mercury	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_2_040212	2511542005	EPA 7470	Water	Mercury, Dissolved	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_2_040212	2511542005	EPA 8270	Water	Pentachlorophenol	ND	ug/L	4.8	0.44	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_2_040212	2511542005	NWTPH-Dx	Water	Diesel Range SG	0.041 J	mg/L	0.076	0.038	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_2_040212	2511542005	NWTPH-Dx	Water	Motor Oil Range SG	ND	mg/L	0.38	0.19	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_2_040212	2511542005	SM 2540C	Water	Total Dissolved Solids	526	mg/L	5.0	1.0	B	Method Blank Contamination
SUP_MW_3_040212	2511542002	EPA 5030B/8260	Water	Carbon disulfide	0.53 J	ug/L	1.0	0.10	UB	Method Blank Contamination
SUP_MW_3_040212	2511542002	EPA 7470	Water	Mercury	0.000082 J	mg/L	0.00020	0.000010	J	MS/MSD Recoveries Exceed Control Limits
SUP_MW_3_040212	2511542002	EPA 7470	Water	Mercury, Dissolved	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_3_040212	2511542002	EPA 8270	Water	Pentachlorophenol	ND	ug/L	4.8	0.44	UR	Analysis Conducted Outside Method Holding Time; Surrogate Recoveries Exceed Control Limits
SUP_MW_3_040212	2511542002	NWTPH-Dx	Water	Diesel Range SG	ND	mg/L	0.076	0.038	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_3_040212	2511542002	NWTPH-Dx	Water	Motor Oil Range SG	ND	mg/L	0.38	0.19	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_3_040212	2511542002	SM 2540C	Water	Total Dissolved Solids	2600	mg/L	20.0	4.0	B	Method Blank Contamination
SUP_MW_4_040212	2511542001	EPA 5030B/8260	Water	Carbon disulfide	0.36 J	ug/L	1.0	0.10	UB	Method Blank Contamination
SUP_MW_4_040212	2511542001	EPA 7470	Water	Mercury	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_4_040212	2511542001	EPA 7470	Water	Mercury, Dissolved	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_4_040212	2511542001	EPA 8270	Water	Pentachlorophenol	ND	ug/L	4.8	0.44	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_4_040212	2511542001	NWTPH-Dx	Water	Diesel Range SG	ND	mg/L	0.077	0.038	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_4_040212	2511542001	NWTPH-Dx	Water	Motor Oil Range SG	ND	mg/L	0.38	0.19	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_4_040212	2511542001	SM 2540C	Water	Total Dissolved Solids	2480	mg/L	20.0	4.0	B	Method Blank Contamination
SUP_MW_5_040312	2511542008	EPA 5030B/8260	Water	Carbon disulfide	0.38 J	ug/L	1.0	0.10	UB	Trip Blank Contamination
SUP_MW_5_040312	2511542008	EPA 7470	Water	Mercury	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_5_040312	2511542008	EPA 7470	Water	Mercury, Dissolved	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_5_040312	2511542008	EPA 8270	Water	Pentachlorophenol	ND	ug/L	4.8	0.44	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_5_040312	2511542008	NWTPH-Dx	Water	Motor Oil Range SG	ND	mg/L	0.38	0.19	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_5_040312	2511542008	SM 2540C	Water	Total Dissolved Solids	2170	mg/L	20.0	4.0	B	Method Blank Contamination
SUP_MW_6_040312	2511542009	EPA 5030B/8260	Water	Carbon disulfide	0.33 J	ug/L	1.0	0.10	UB	Trip Blank Contamination
SUP_MW_6_040312	2511542009	EPA 7470	Water	Mercury	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_6_040312	2511542009	EPA 7470	Water	Mercury, Dissolved	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_6_040312	2511542009	EPA 8270	Water	Pentachlorophenol	ND	ug/L	4.8	0.44	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_6_040312	2511542009	NWTPH-Dx	Water	Motor Oil Range SG	ND	mg/L	0.38	0.19	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_6_040312	2511542009	SM 2540C	Water	Total Dissolved Solids	1870	mg/L	10.0	2.0	B	Method Blank Contamination
SUP_MW_7_040312	2511542011	EPA 5030B/8260	Water	Carbon disulfide	0.28 J	ug/L	1.0	0.10	UB	Method Blank Contamination
SUP_MW_7_040312	2511542011	EPA 5030B/8260	Water	Trichloroethene	0.91 J	ug/L	1.0	0.10	UB	Trip Blank Contamination
SUP_MW_7_040312	2511542011	EPA 7470	Water	Mercury	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_7_040312	2511542011	EPA 7470	Water	Mercury, Dissolved	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_7_040312	2511542011	EPA 8270	Water	Pentachlorophenol	ND	ug/L	4.8	0.44	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_7_040312	2511542011	NWTPH-Dx	Water	Motor Oil Range SG	ND	mg/L	0.38	0.19	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_7_040312	2511542011	SM 2540C	Water	Total Dissolved Solids	1620	mg/L	10.0	2.0	B	Method Blank Contamination
SUP_MW_DUP_040212	2511542006	EPA 5030B/8260	Water	Carbon disulfide	0.33 J	ug/L	1.0	0.10	UB	Method Blank Contamination
SUP_MW_DUP_040212	2511542006	EPA 7470	Water	Mercury	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_DUP_040212	2511542006	EPA 7470	Water	Mercury, Dissolved	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_DUP_040212	2511542006	EPA 8270	Water	Pentachlorophenol	ND	ug/L	4.8	0.44	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_DUP_040212	2511542006	NWTPH-Dx	Water	Diesel Range SG	ND	mg/L	0.076	0.038	UJ	Analysis Conducted Outside Method Holding Time
SUP_MW_DUP_040212	2511542006	NWTPH-Dx	Water	Motor Oil Range SG	ND	mg/L	0.38	0.19	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_DUP_040212	2511542006	SM 2540C	Water	Total Dissolved Solids	537	mg/L	5.0	1.0	B	Method Blank Contamination
SUP_MW_EQUIP_040312	2511542012	EPA 5030B/8260	Water	Carbon disulfide	0.26 J	ug/L	1.0	0.10	UB	Method Blank Contamination
SUP_MW_EQUIP_040312	2511542012	EPA 5030B/8260	Water	Trichloroethene	0.74 J	ug/L	1.0	0.10	UB	Trip Blank Contamination
SUP_MW_EQUIP_040312	2511542012	EPA 7470	Water	Mercury	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_EQUIP_040312	2511542012	EPA 7470	Water	Mercury, Dissolved	ND	mg/L	0.00020	0.000010	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_EQUIP_040312	2511542012	NWTPH-Dx	Water	Motor Oil Range SG	ND	mg/L	0.38	0.19	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_EQUIP_040312	2511542012	SM 2540C	Water	Total Dissolved Solids	93.0	mg/L	5.0	1.0	B	Method Blank Contamination

April 19, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 2511542

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on April 03, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

Amended Report, 4/18/12 Rev 1.: Per client request, show non-detects as ND, and report both the RL and MDL columns with J flags.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andy Brownfield for
Karen Jang
karen.jang@pacelabs.com
Project Manager

Enclosures

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 2511542

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE SUMMARY

Project: Superlon

Pace Project No.: 2511542

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2511542001	SUP_MW_4_040212	Water	04/02/12 11:18	04/03/12 14:45
2511542002	SUP_MW_3_040212	Water	04/02/12 13:45	04/03/12 14:45
2511542003	Trip Blank #3	Water	04/03/12 13:00	04/03/12 14:45
2511542004	SUP_MW_1_040212	Water	04/02/12 15:30	04/03/12 14:45
2511542005	SUP_MW_2_040212	Water	04/02/12 17:05	04/03/12 14:45
2511542006	SUP_MW_DUP_040212	Water	04/02/12 17:05	04/03/12 14:45
2511542007	Trip Blank #2	Water	04/03/12 13:00	04/03/12 14:45
2511542008	SUP_MW_5_040312	Water	04/03/12 09:30	04/03/12 14:45
2511542009	SUP_MW_6_040312	Water	04/03/12 10:40	04/03/12 14:45
2511542010	Trip Blank #1	Water	04/03/12 13:00	04/03/12 14:45
2511542011	SUP_MW_7_040312	Water	04/03/12 12:10	04/03/12 14:45
2511542012	SUP_MW_EQUIP_040312	Water	04/03/12 11:15	04/03/12 14:45
2511542013	Trip Blank #4	Water	04/03/12 13:00	04/03/12 14:45

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 2511542

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2511542001	SUP_MW_4_040212	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	DMT	7	PASI-S
		EPA 5030B/8260	ERB	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		2511542002	SUP_MW_3_040212	NWTPH-Dx	AY1
EPA 6010	BGA			3	PASI-S
EPA 6010	BGA			3	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 8270	DMT			7	PASI-S
EPA 5030B/8260	ERB			71	PASI-S
NWTPH-Gx	LPM			2	PASI-S
SM 2540C	KMT			1	PASI-S
2511542003	Trip Blank #3			EPA 5030B/8260	LPM
		NWTPH-Gx	LPM	2	PASI-S
2511542004	SUP_MW_1_040212	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	DMT	7	PASI-S
		EPA 5030B/8260	ERB	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
2511542005	SUP_MW_2_040212	SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	DMT	7	PASI-S
		EPA 5030B/8260	ERB	71	PASI-S
NWTPH-Gx	LPM	2	PASI-S		

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 2511542

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2511542006	SUP_MW_DUP_040212	SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	DMT	7	PASI-S
		EPA 5030B/8260	ERB	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		SM 2540C	KMT	1	PASI-S
2511542007	Trip Blank #2	EPA 5030B/8260	LPM	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
2511542008	SUP_MW_5_040312	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	DMT	7	PASI-S
		EPA 5030B/8260	ERB	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		2511542009	SUP_MW_6_040312	NWTPH-Dx	AY1
EPA 6010	BGA			3	PASI-S
EPA 6010	BGA			3	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 8270	DMT			7	PASI-S
EPA 5030B/8260	ERB			71	PASI-S
NWTPH-Gx	LPM			2	PASI-S
SM 2540C	KMT			1	PASI-S
2511542010	Trip Blank #1			EPA 5030B/8260	LPM
		NWTPH-Gx	LPM	2	PASI-S
2511542011	SUP_MW_7_040312	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 2511542

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2511542012	SUP_MW_EQUIP_040312	EPA 8270	DMT	7	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	DMT	7	PASI-S
		EPA 5030B/8260	LPM	71	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		2511542013	Trip Blank #4	EPA 5030B/8260	LPM
NWTPH-Gx	LPM			2	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_4_040212 Lab ID: 2511542001 Collected: 04/02/12 11:18 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.077	0.038	1	04/06/12 12:00	04/07/12 01:53		
Motor Oil Range SG	ND mg/L		0.38	0.19	1	04/06/12 12:00	04/07/12 01:53	64742-65-0	
Surrogates									
n-Octacosane (S) SG	102 %		50-150		1	04/06/12 12:00	04/07/12 01:53	630-02-4	
o-Terphenyl (S) SG	95 %		50-150		1	04/06/12 12:00	04/07/12 01:53	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	0.016 mg/L		0.010	0.0022	1	04/11/12 10:57	04/16/12 15:25	7440-38-2	
Cadmium	ND mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 15:25	7440-43-9	
Lead	0.0027J mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 15:25	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.0057J mg/L		0.020	0.0022	1	04/11/12 10:57	04/16/12 08:56	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 08:56	7440-43-9	
Lead, Dissolved	0.0020J mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 08:56	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 11:30	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 12:08	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.8	0.44	1	04/06/12 14:50	04/15/12 21:23	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	83 %		29-122		1	04/06/12 14:50	04/15/12 21:23	4165-60-0	
2-Fluorobiphenyl (S)	79 %		30-110		1	04/06/12 14:50	04/15/12 21:23	321-60-8	
Terphenyl-d14 (S)	87 %		38-121		1	04/06/12 14:50	04/15/12 21:23	1718-51-0	
Phenol-d6 (S)	32 %		10-110		1	04/06/12 14:50	04/15/12 21:23	13127-88-3	
2-Fluorophenol (S)	47 %		12-110		1	04/06/12 14:50	04/15/12 21:23	367-12-4	
2,4,6-Tribromophenol (S)	90 %		30-126		1	04/06/12 14:50	04/15/12 21:23	118-79-6	P2
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:24	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:24	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:24	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:24	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		04/11/12 04:24	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		04/11/12 04:24	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 04:24	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		04/11/12 04:24	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 04:24	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/11/12 04:24	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	0.50	1		04/11/12 04:24	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_4_040212 Lab ID: 2511542001 Collected: 04/02/12 11:18 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		04/11/12 04:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.20	1		04/11/12 04:24	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		04/11/12 04:24	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		04/11/12 04:24	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		04/11/12 04:24	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		04/11/12 04:24	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		04/11/12 04:24	75-25-2	CL
Bromomethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	74-83-9	
Carbon disulfide	0.36J	ug/L	1.0	0.10	1		04/11/12 04:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/11/12 04:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/11/12 04:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/11/12 04:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/11/12 04:24	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		04/11/12 04:24	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:24	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.10	1		04/11/12 04:24	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/11/12 04:24	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	10061-01-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_4_040212 Lab ID: 2511542001 Collected: 04/02/12 11:18 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/11/12 04:24	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 04:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	79-121		1		04/11/12 04:24	460-00-4	
Dibromofluoromethane (S)	99	%	81-119		1		04/11/12 04:24	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	72-127		1		04/11/12 04:24	17060-07-0	
Toluene-d8 (S)	101	%	77-120		1		04/11/12 04:24	2037-26-5	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		04/10/12 04:28		
Surrogates									
4-Bromofluorobenzene (S)	111	%	50-150		1		04/10/12 04:28	460-00-4	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	2480	mg/L	20.0	4.0	1		04/05/12 14:14		

Sample: SUP_MW_3_040212 Lab ID: 2511542002 Collected: 04/02/12 13:45 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND	mg/L	0.076	0.038	1	04/06/12 12:00	04/07/12 02:27		
Motor Oil Range SG	ND	mg/L	0.38	0.19	1	04/06/12 12:00	04/07/12 02:27	64742-65-0	
Surrogates									
n-Octacosane (S) SG	68	%	50-150		1	04/06/12 12:00	04/07/12 02:27	630-02-4	
o-Terphenyl (S) SG	65	%	50-150		1	04/06/12 12:00	04/07/12 02:27	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	8.7	mg/L	0.010	0.0022	1	04/11/12 10:57	04/16/12 15:36	7440-38-2	
Cadmium	0.17	mg/L	0.0050	0.00042	1	04/11/12 10:57	04/16/12 15:36	7440-43-9	
Lead	0.37	mg/L	0.010	0.0019	1	04/11/12 10:57	04/16/12 15:36	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	10.6	mg/L	0.020	0.0022	1	04/11/12 10:57	04/16/12 09:15	7440-38-2	D9
Cadmium, Dissolved	0.20	mg/L	0.0050	0.00042	1	04/11/12 10:57	04/16/12 09:15	7440-43-9	D9
Lead, Dissolved	0.28	mg/L	0.010	0.0019	1	04/11/12 10:57	04/16/12 09:15	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_3_040212 Lab ID: 2511542002 Collected: 04/02/12 13:45 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.000082J	mg/L	0.00020	0.000010	1	04/10/12 12:29	04/11/12 11:40	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND	mg/L	0.00020	0.000010	1	04/10/12 12:29	04/11/12 12:14	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND	ug/L	4.8	0.44	1	04/06/12 14:50	04/15/12 22:30	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	81 %		29-122		1	04/06/12 14:50	04/15/12 22:30	4165-60-0	
2-Fluorobiphenyl (S)	67 %		30-110		1	04/06/12 14:50	04/15/12 22:30	321-60-8	
Terphenyl-d14 (S)	64 %		38-121		1	04/06/12 14:50	04/15/12 22:30	1718-51-0	
Phenol-d6 (S)	12 %		10-110		1	04/06/12 14:50	04/15/12 22:30	13127-88-3	
2-Fluorophenol (S)	6 %		12-110		1	04/06/12 14:50	04/15/12 22:30	367-12-4	S0
2,4,6-Tribromophenol (S)	11 %		30-126		1	04/06/12 14:50	04/15/12 22:30	118-79-6	P2,S0
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.20	1		04/11/12 04:40	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	0.50	1		04/11/12 04:40	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		04/11/12 04:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	107-06-2	
1,2-Dichloroethene (Total)	0.31J	ug/L	2.0	0.20	1		04/11/12 04:40	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		04/11/12 04:40	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		04/11/12 04:40	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		04/11/12 04:40	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		04/11/12 04:40	67-64-1	
Benzene	0.12J	ug/L	1.0	0.10	1		04/11/12 04:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	108-86-1	

Date: 04/19/2012 09:49 AM

REPORT OF LABORATORY ANALYSIS

Page 10 of 61

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_3_040212 **Lab ID:** 2511542002 Collected: 04/02/12 13:45 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Bromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		04/11/12 04:40	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	74-83-9	CL
Carbon disulfide	0.53J	ug/L	1.0	0.10	1		04/11/12 04:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/11/12 04:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/11/12 04:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/11/12 04:40	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/11/12 04:40	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		04/11/12 04:40	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	127-18-4	
Toluene	0.17J	ug/L	1.0	0.10	1		04/11/12 04:40	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:40	75-69-4	
Vinyl chloride	0.75J	ug/L	0.20	0.10	1		04/11/12 04:40	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/11/12 04:40	1330-20-7	
cis-1,2-Dichloroethene	0.31J	ug/L	1.0	0.10	1		04/11/12 04:40	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/11/12 04:40	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 04:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	109 %		79-121		1		04/11/12 04:40	460-00-4	
Dibromofluoromethane (S)	101 %		81-119		1		04/11/12 04:40	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		72-127		1		04/11/12 04:40	17060-07-0	
Toluene-d8 (S)	102 %		77-120		1		04/11/12 04:40	2037-26-5	

NWTPH-Gx MSV

Analytical Method: NWTPH-Gx

Gasoline Range Organics	ND	ug/L	50.0	25.0	1		04/10/12 04:45		
-------------------------	----	------	------	------	---	--	----------------	--	--

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_3_040212 Lab ID: 2511542002 Collected: 04/02/12 13:45 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
<i>Surrogates</i>									
4-Bromofluorobenzene (S)	108 %		50-150		1		04/10/12 04:45	460-00-4	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	2600 mg/L		20.0	4.0	1		04/05/12 14:15		

Sample: Trip Blank #3 Lab ID: 2511542003 Collected: 04/03/12 13:00 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:07	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:07	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:07	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:07	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		04/10/12 10:07	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		04/10/12 10:07	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:07	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		04/10/12 10:07	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:07	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/10/12 10:07	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	0.50	1		04/10/12 10:07	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		04/10/12 10:07	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:07	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:07	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.20	1		04/10/12 10:07	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/10/12 10:07	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/10/12 10:07	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:07	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		04/10/12 10:07	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:07	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/10/12 10:07	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.0	1		04/10/12 10:07	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.10	1		04/10/12 10:07	95-49-8	
2-Hexanone	ND ug/L		5.0	1.0	1		04/10/12 10:07	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.10	1		04/10/12 10:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1.0	1		04/10/12 10:07	108-10-1	
Acetone	ND ug/L		5.0	1.0	1		04/10/12 10:07	67-64-1	
Benzene	ND ug/L		1.0	0.10	1		04/10/12 10:07	71-43-2	
Bromobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:07	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.10	1		04/10/12 10:07	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.10	1		04/10/12 10:07	75-27-4	
Bromoform	ND ug/L		1.0	0.10	1		04/10/12 10:07	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: Trip Blank #3		Lab ID: 2511542003	Collected: 04/03/12 13:00	Received: 04/03/12 14:45	Matrix: Water				
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260							
Bromomethane	ND	ug/L	1.0	0.10	1		04/10/12 10:07	74-83-9	
Carbon disulfide	0.28J	ug/L	1.0	0.10	1		04/10/12 10:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/10/12 10:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/10/12 10:07	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/10/12 10:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:07	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/10/12 10:07	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:07	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/10/12 10:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/10/12 10:07	1634-04-4	
Methylene chloride	1.5J	ug/L	5.0	0.50	1		04/10/12 10:07	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	108-88-3	
Trichloroethene	0.29J	ug/L	1.0	0.10	1		04/10/12 10:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:07	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		04/10/12 10:07	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/10/12 10:07	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/10/12 10:07	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 10:07	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	111 %		79-121		1		04/10/12 10:07	460-00-4	
Dibromofluoromethane (S)	98 %		81-119		1		04/10/12 10:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	95 %		72-127		1		04/10/12 10:07	17060-07-0	
Toluene-d8 (S)	100 %		77-120		1		04/10/12 10:07	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx							
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		04/10/12 10:07		
Surrogates									
4-Bromofluorobenzene (S)	111 %		50-150		1		04/10/12 10:07	460-00-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_1_040212 Lab ID: 2511542004 Collected: 04/02/12 15:30 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.076	0.038	1	04/06/12 12:00	04/07/12 03:18		
Motor Oil Range SG	ND mg/L		0.38	0.19	1	04/06/12 12:00	04/07/12 03:18	64742-65-0	
Surrogates									
n-Octacosane (S) SG	108 %		50-150		1	04/06/12 12:00	04/07/12 03:18	630-02-4	
o-Terphenyl (S) SG	100 %		50-150		1	04/06/12 12:00	04/07/12 03:18	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	0.045 mg/L		0.010	0.0022	1	04/11/12 10:57	04/16/12 15:40	7440-38-2	
Cadmium	0.00064J mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 15:40	7440-43-9	
Lead	0.0025J mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 15:40	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.0026J mg/L		0.020	0.0022	1	04/11/12 10:57	04/16/12 09:18	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 09:18	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 09:18	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 11:42	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 12:16	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.8	0.44	1	04/06/12 14:50	04/15/12 22:52	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	77 %		29-122		1	04/06/12 14:50	04/15/12 22:52	4165-60-0	
2-Fluorobiphenyl (S)	74 %		30-110		1	04/06/12 14:50	04/15/12 22:52	321-60-8	
Terphenyl-d14 (S)	87 %		38-121		1	04/06/12 14:50	04/15/12 22:52	1718-51-0	
Phenol-d6 (S)	29 %		10-110		1	04/06/12 14:50	04/15/12 22:52	13127-88-3	
2-Fluorophenol (S)	36 %		12-110		1	04/06/12 14:50	04/15/12 22:52	367-12-4	
2,4,6-Tribromophenol (S)	79 %		30-126		1	04/06/12 14:50	04/15/12 22:52	118-79-6	P2
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:57	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:57	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:57	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:57	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		04/11/12 04:57	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		04/11/12 04:57	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		04/11/12 04:57	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 04:57	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		04/11/12 04:57	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 04:57	120-82-1	
1,2,4-Trimethylbenzene	0.24J ug/L		1.0	0.10	1		04/11/12 04:57	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	0.50	1		04/11/12 04:57	96-12-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_1_040212 Lab ID: 2511542004 Collected: 04/02/12 15:30 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		04/11/12 04:57	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	107-06-2	
1,2-Dichloroethene (Total)	0.50J	ug/L	2.0	0.20	1		04/11/12 04:57	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		04/11/12 04:57	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		04/11/12 04:57	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		04/11/12 04:57	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		04/11/12 04:57	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		04/11/12 04:57	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	74-83-9	CL
Carbon disulfide	0.36J	ug/L	1.0	0.10	1		04/11/12 04:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/11/12 04:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/11/12 04:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/11/12 04:57	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/11/12 04:57	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		04/11/12 04:57	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	127-18-4	
Toluene	1.9	ug/L	1.0	0.10	1		04/11/12 04:57	108-88-3	
Trichloroethene	0.11J	ug/L	1.0	0.10	1		04/11/12 04:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 04:57	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		04/11/12 04:57	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/11/12 04:57	1330-20-7	
cis-1,2-Dichloroethene	0.41J	ug/L	1.0	0.10	1		04/11/12 04:57	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	10061-01-5	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2511542

Sample: SUP_MW_1_040212 Lab ID: 2511542004 Collected: 04/02/12 15:30 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/11/12 04:57	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 04:57	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	107 %		79-121		1		04/11/12 04:57	460-00-4	
Dibromofluoromethane (S)	98 %		81-119		1		04/11/12 04:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	95 %		72-127		1		04/11/12 04:57	17060-07-0	
Toluene-d8 (S)	102 %		77-120		1		04/11/12 04:57	2037-26-5	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		04/10/12 05:02		
Surrogates									
4-Bromofluorobenzene (S)	110 %		50-150		1		04/10/12 05:02	460-00-4	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	1790	mg/L	10.0	2.0	1		04/05/12 14:15		

Sample: SUP_MW_2_040212 Lab ID: 2511542005 Collected: 04/02/12 17:05 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	0.041J	mg/L	0.076	0.038	1	04/06/12 12:00	04/07/12 03:35		
Motor Oil Range SG	ND	mg/L	0.38	0.19	1	04/06/12 12:00	04/07/12 03:35	64742-65-0	
Surrogates									
n-Octacosane (S) SG	101 %		50-150		1	04/06/12 12:00	04/07/12 03:35	630-02-4	
o-Terphenyl (S) SG	95 %		50-150		1	04/06/12 12:00	04/07/12 03:35	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	0.11	mg/L	0.010	0.0022	1	04/11/12 10:57	04/16/12 15:43	7440-38-2	
Cadmium	0.0018J	mg/L	0.0050	0.00042	1	04/11/12 10:57	04/16/12 15:43	7440-43-9	
Lead	0.0050J	mg/L	0.010	0.0019	1	04/11/12 10:57	04/16/12 15:43	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.0071J	mg/L	0.020	0.0022	1	04/11/12 10:57	04/16/12 09:22	7440-38-2	
Cadmium, Dissolved	ND	mg/L	0.0050	0.00042	1	04/11/12 10:57	04/16/12 09:22	7440-43-9	
Lead, Dissolved	ND	mg/L	0.010	0.0019	1	04/11/12 10:57	04/16/12 09:22	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_2_040212 **Lab ID:** 2511542005 Collected: 04/02/12 17:05 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 11:44	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 12:18	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.8	0.44	1	04/06/12 14:50	04/15/12 23:14	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	83 %		29-122		1	04/06/12 14:50	04/15/12 23:14	4165-60-0	
2-Fluorobiphenyl (S)	78 %		30-110		1	04/06/12 14:50	04/15/12 23:14	321-60-8	
Terphenyl-d14 (S)	82 %		38-121		1	04/06/12 14:50	04/15/12 23:14	1718-51-0	
Phenol-d6 (S)	28 %		10-110		1	04/06/12 14:50	04/15/12 23:14	13127-88-3	
2-Fluorophenol (S)	36 %		12-110		1	04/06/12 14:50	04/15/12 23:14	367-12-4	
2,4,6-Tribromophenol (S)	67 %		30-126		1	04/06/12 14:50	04/15/12 23:14	118-79-6	P2
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:14	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:14	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:14	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:14	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:14	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		04/11/12 05:14	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		04/11/12 05:14	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:14	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		04/11/12 05:14	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:14	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/11/12 05:14	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	0.50	1		04/11/12 05:14	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		04/11/12 05:14	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:14	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:14	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.20	1		04/11/12 05:14	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/11/12 05:14	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/11/12 05:14	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:14	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		04/11/12 05:14	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:14	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/11/12 05:14	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.0	1		04/11/12 05:14	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.10	1		04/11/12 05:14	95-49-8	
2-Hexanone	ND ug/L		5.0	1.0	1		04/11/12 05:14	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.10	1		04/11/12 05:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1.0	1		04/11/12 05:14	108-10-1	
Acetone	ND ug/L		5.0	1.0	1		04/11/12 05:14	67-64-1	
Benzene	ND ug/L		1.0	0.10	1		04/11/12 05:14	71-43-2	
Bromobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:14	108-86-1	

Date: 04/19/2012 09:49 AM

REPORT OF LABORATORY ANALYSIS

Page 17 of 61

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_2_040212 Lab ID: 2511542005 Collected: 04/02/12 17:05 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Bromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		04/11/12 05:14	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		04/11/12 05:14	74-83-9	CL
Carbon disulfide	0.35J	ug/L	1.0	0.10	1		04/11/12 05:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/11/12 05:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/11/12 05:14	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/11/12 05:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:14	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:14	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/11/12 05:14	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:14	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/11/12 05:14	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/11/12 05:14	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		04/11/12 05:14	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:14	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		04/11/12 05:14	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/11/12 05:14	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/11/12 05:14	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 05:14	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	109 %		79-121		1		04/11/12 05:14	460-00-4	
Dibromofluoromethane (S)	98 %		81-119		1		04/11/12 05:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		72-127		1		04/11/12 05:14	17060-07-0	
Toluene-d8 (S)	102 %		77-120		1		04/11/12 05:14	2037-26-5	

NWTPH-Gx MSV

Analytical Method: NWTPH-Gx

Gasoline Range Organics	ND	ug/L	50.0	25.0	1		04/10/12 05:19		
-------------------------	----	------	------	------	---	--	----------------	--	--

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2511542

Sample: SUP_MW_2_040212 Lab ID: 2511542005 Collected: 04/02/12 17:05 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
<i>Surrogates</i>									
4-Bromofluorobenzene (S)	110 %		50-150		1		04/10/12 05:19	460-00-4	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	526 mg/L		5.0	1.0	1		04/05/12 14:15		
Sample: SUP_MW_DUP_040212 Lab ID: 2511542006 Collected: 04/02/12 17:05 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.076	0.038	1	04/10/12 09:30	04/10/12 16:27		
Motor Oil Range SG	ND mg/L		0.38	0.19	1	04/10/12 09:30	04/10/12 16:27	64742-65-0	
<i>Surrogates</i>									
n-Octacosane (S) SG	106 %		50-150		1	04/10/12 09:30	04/10/12 16:27	630-02-4	
o-Terphenyl (S) SG	96 %		50-150		1	04/10/12 09:30	04/10/12 16:27	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	0.10 mg/L		0.010	0.0022	1	04/11/12 10:57	04/16/12 15:54	7440-38-2	
Cadmium	0.0017J mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 15:54	7440-43-9	
Lead	0.0039J mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 15:54	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.0054J mg/L		0.020	0.0022	1	04/11/12 10:57	04/16/12 09:26	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 09:26	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 09:26	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 11:47	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 12:24	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.8	0.44	1	04/06/12 14:50	04/15/12 23:36	87-86-5	
<i>Surrogates</i>									
Nitrobenzene-d5 (S)	75 %		29-122		1	04/06/12 14:50	04/15/12 23:36	4165-60-0	
2-Fluorobiphenyl (S)	73 %		30-110		1	04/06/12 14:50	04/15/12 23:36	321-60-8	
Terphenyl-d14 (S)	85 %		38-121		1	04/06/12 14:50	04/15/12 23:36	1718-51-0	
Phenol-d6 (S)	24 %		10-110		1	04/06/12 14:50	04/15/12 23:36	13127-88-3	
2-Fluorophenol (S)	22 %		12-110		1	04/06/12 14:50	04/15/12 23:36	367-12-4	
2,4,6-Tribromophenol (S)	47 %		30-126		1	04/06/12 14:50	04/15/12 23:36	118-79-6	P2

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_DUP_040212 Lab ID: 2511542006 Collected: 04/02/12 17:05 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.20	1		04/11/12 05:31	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	0.50	1		04/11/12 05:31	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		04/11/12 05:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.20	1		04/11/12 05:31	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		04/11/12 05:31	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		04/11/12 05:31	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		04/11/12 05:31	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		04/11/12 05:31	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		04/11/12 05:31	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	74-83-9	CL
Carbon disulfide	0.33J	ug/L	1.0	0.10	1		04/11/12 05:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/11/12 05:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/11/12 05:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:31	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/11/12 05:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/11/12 05:31	98-82-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_DUP_040212 Lab ID: 2511542006 Collected: 04/02/12 17:05 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
Methyl-tert-butyl ether	ND ug/L		1.0	0.10	1		04/11/12 05:31	1634-04-4	
Methylene chloride	ND ug/L		5.0	0.50	1		04/11/12 05:31	75-09-2	
Naphthalene	ND ug/L		1.0	0.10	1		04/11/12 05:31	91-20-3	
Styrene	ND ug/L		1.0	0.10	1		04/11/12 05:31	100-42-5	
Tetrachloroethene	ND ug/L		1.0	0.10	1		04/11/12 05:31	127-18-4	
Toluene	ND ug/L		1.0	0.10	1		04/11/12 05:31	108-88-3	
Trichloroethene	ND ug/L		1.0	0.10	1		04/11/12 05:31	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	0.10	1		04/11/12 05:31	75-69-4	
Vinyl chloride	ND ug/L		0.20	0.10	1		04/11/12 05:31	75-01-4	
Xylene (Total)	ND ug/L		3.0	0.30	1		04/11/12 05:31	1330-20-7	
cis-1,2-Dichloroethene	ND ug/L		1.0	0.10	1		04/11/12 05:31	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	0.10	1		04/11/12 05:31	10061-01-5	
m&p-Xylene	ND ug/L		2.0	0.20	1		04/11/12 05:31	179601-23-1	
n-Butylbenzene	ND ug/L		1.0	0.10	1		04/11/12 05:31	104-51-8	
n-Propylbenzene	ND ug/L		1.0	0.10	1		04/11/12 05:31	103-65-1	
o-Xylene	ND ug/L		1.0	0.10	1		04/11/12 05:31	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	0.10	1		04/11/12 05:31	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	0.10	1		04/11/12 05:31	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	0.10	1		04/11/12 05:31	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.10	1		04/11/12 05:31	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.10	1		04/11/12 05:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	109 %		79-121		1		04/11/12 05:31	460-00-4	
Dibromofluoromethane (S)	100 %		81-119		1		04/11/12 05:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		72-127		1		04/11/12 05:31	17060-07-0	
Toluene-d8 (S)	102 %		77-120		1		04/11/12 05:31	2037-26-5	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND ug/L		50.0	25.0	1		04/10/12 05:36		
Surrogates									
4-Bromofluorobenzene (S)	110 %		50-150		1		04/10/12 05:36	460-00-4	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	537 mg/L		5.0	1.0	1		04/05/12 14:15		

Sample: Trip Blank #2 Lab ID: 2511542007 Collected: 04/03/12 13:00 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:24	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:24	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:24	79-00-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: Trip Blank #2 **Lab ID: 2511542007** Collected: 04/03/12 13:00 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Analytical Method: EPA 5030B/8260									
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.20	1		04/10/12 10:24	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	0.50	1		04/10/12 10:24	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		04/10/12 10:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.20	1		04/10/12 10:24	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		04/10/12 10:24	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		04/10/12 10:24	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		04/10/12 10:24	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		04/10/12 10:24	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		04/10/12 10:24	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	74-83-9	
Carbon disulfide	0.27J	ug/L	1.0	0.10	1		04/10/12 10:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/10/12 10:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/10/12 10:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:24	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/10/12 10:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/10/12 10:24	1634-04-4	
Methylene chloride	1.4J	ug/L	5.0	0.50	1		04/10/12 10:24	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/10/12 10:24	100-42-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: Trip Blank #2 **Lab ID: 2511542007** Collected: 04/03/12 13:00 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				

8260 MSV

Analytical Method: EPA 5030B/8260

Tetrachloroethene	ND ug/L		1.0	0.10	1		04/10/12 10:24	127-18-4	
Toluene	ND ug/L		1.0	0.10	1		04/10/12 10:24	108-88-3	
Trichloroethene	0.26J ug/L		1.0	0.10	1		04/10/12 10:24	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	0.10	1		04/10/12 10:24	75-69-4	
Vinyl chloride	ND ug/L		0.20	0.10	1		04/10/12 10:24	75-01-4	
Xylene (Total)	ND ug/L		3.0	0.30	1		04/10/12 10:24	1330-20-7	
cis-1,2-Dichloroethene	ND ug/L		1.0	0.10	1		04/10/12 10:24	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	0.10	1		04/10/12 10:24	10061-01-5	
m&p-Xylene	ND ug/L		2.0	0.20	1		04/10/12 10:24	179601-23-1	
n-Butylbenzene	ND ug/L		1.0	0.10	1		04/10/12 10:24	104-51-8	
n-Propylbenzene	ND ug/L		1.0	0.10	1		04/10/12 10:24	103-65-1	
o-Xylene	ND ug/L		1.0	0.10	1		04/10/12 10:24	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	0.10	1		04/10/12 10:24	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	0.10	1		04/10/12 10:24	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	0.10	1		04/10/12 10:24	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	0.10	1		04/10/12 10:24	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	0.10	1		04/10/12 10:24	10061-02-6	

Surrogates

4-Bromofluorobenzene (S)	110 %		79-121		1		04/10/12 10:24	460-00-4	
Dibromofluoromethane (S)	102 %		81-119		1		04/10/12 10:24	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		72-127		1		04/10/12 10:24	17060-07-0	
Toluene-d8 (S)	101 %		77-120		1		04/10/12 10:24	2037-26-5	

NWTPH-Gx MSV

Analytical Method: NWTPH-Gx

Gasoline Range Organics	ND ug/L		50.0	25.0	1		04/10/12 10:24		
Surrogates									
4-Bromofluorobenzene (S)	110 %		50-150		1		04/10/12 10:24	460-00-4	

Sample: SUP_MW_5_040312 **Lab ID: 2511542008** Collected: 04/03/12 09:30 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				

NWTPH-Dx GCS Silica Gel

Analytical Method: NWTPH-Dx Preparation Method: EPA 3510

Diesel Range SG	ND mg/L		0.076	0.038	1	04/10/12 09:30	04/10/12 16:45		
Motor Oil Range SG	ND mg/L		0.38	0.19	1	04/10/12 09:30	04/10/12 16:45	64742-65-0	
Surrogates									
n-Octacosane (S) SG	106 %		50-150		1	04/10/12 09:30	04/10/12 16:45	630-02-4	
o-Terphenyl (S) SG	96 %		50-150		1	04/10/12 09:30	04/10/12 16:45	84-15-1	

6010 MET ICP

Analytical Method: EPA 6010 Preparation Method: EPA 3010

Arsenic	1.4 mg/L		0.010	0.0022	1	04/11/12 10:57	04/16/12 15:58	7440-38-2	
Cadmium	0.028 mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 15:58	7440-43-9	
Lead	ND mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 15:58	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2511542

Sample: SUP_MW_5_040312 Lab ID: 2511542008 Collected: 04/03/12 09:30 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	0.41 mg/L		0.020	0.0022	1	04/11/12 10:57	04/16/12 09:29	7440-38-2	
Cadmium, Dissolved	0.0077 mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 09:29	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 09:29	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 11:49	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 12:26	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.8	0.44	1	04/06/12 14:50	04/15/12 23:58	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	66 %		29-122		1	04/06/12 14:50	04/15/12 23:58	4165-60-0	
2-Fluorobiphenyl (S)	62 %		30-110		1	04/06/12 14:50	04/15/12 23:58	321-60-8	
Terphenyl-d14 (S)	74 %		38-121		1	04/06/12 14:50	04/15/12 23:58	1718-51-0	
Phenol-d6 (S)	22 %		10-110		1	04/06/12 14:50	04/15/12 23:58	13127-88-3	
2-Fluorophenol (S)	34 %		12-110		1	04/06/12 14:50	04/15/12 23:58	367-12-4	
2,4,6-Tribromophenol (S)	73 %		30-126		1	04/06/12 14:50	04/15/12 23:58	118-79-6	P2
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:48	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:48	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:48	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:48	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:48	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		04/11/12 05:48	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		04/11/12 05:48	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:48	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		04/11/12 05:48	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:48	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/11/12 05:48	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	0.50	1		04/11/12 05:48	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		04/11/12 05:48	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:48	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		04/11/12 05:48	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.20	1		04/11/12 05:48	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/11/12 05:48	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/11/12 05:48	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:48	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		04/11/12 05:48	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 05:48	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/11/12 05:48	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.0	1		04/11/12 05:48	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.10	1		04/11/12 05:48	95-49-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_5_040312 Lab ID: 2511542008 Collected: 04/03/12 09:30 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
2-Hexanone	ND	ug/L	5.0	1.0	1		04/11/12 05:48	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		04/11/12 05:48	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		04/11/12 05:48	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		04/11/12 05:48	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		04/11/12 05:48	74-83-9	CL
Carbon disulfide	0.38J	ug/L	1.0	0.10	1		04/11/12 05:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/11/12 05:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/11/12 05:48	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/11/12 05:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:48	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:48	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/11/12 05:48	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:48	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/11/12 05:48	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/11/12 05:48	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		04/11/12 05:48	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 05:48	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		04/11/12 05:48	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/11/12 05:48	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/11/12 05:48	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 05:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	110 %		79-121		1		04/11/12 05:48	460-00-4	
Dibromofluoromethane (S)	99 %		81-119		1		04/11/12 05:48	1868-53-7	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2511542

Sample: SUP_MW_5_040312 Lab ID: 2511542008 Collected: 04/03/12 09:30 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
Surrogates									
1,2-Dichloroethane-d4 (S)	99 %		72-127		1		04/11/12 05:48	17060-07-0	
Toluene-d8 (S)	101 %		77-120		1		04/11/12 05:48	2037-26-5	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND ug/L		50.0	25.0	1		04/10/12 05:53		
Surrogates									
4-Bromofluorobenzene (S)	109 %		50-150		1		04/10/12 05:53	460-00-4	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	2170 mg/L		20.0	4.0	1		04/05/12 14:16		

Sample: SUP_MW_6_040312 Lab ID: 2511542009 Collected: 04/03/12 10:40 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND mg/L		0.076	0.038	1	04/10/12 09:30	04/10/12 17:37		
Motor Oil Range SG	ND mg/L		0.38	0.19	1	04/10/12 09:30	04/10/12 17:37	64742-65-0	
Surrogates									
n-Octacosane (S) SG	114 %		50-150		1	04/10/12 09:30	04/10/12 17:37	630-02-4	
o-Terphenyl (S) SG	104 %		50-150		1	04/10/12 09:30	04/10/12 17:37	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	2.0 mg/L		0.010	0.0022	1	04/11/12 10:57	04/16/12 16:01	7440-38-2	
Cadmium	0.040 mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 16:01	7440-43-9	
Lead	0.0035J mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 16:01	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	1.8 mg/L		0.020	0.0022	1	04/11/12 10:57	04/16/12 09:33	7440-38-2	
Cadmium, Dissolved	0.034 mg/L		0.0050	0.00042	1	04/11/12 10:57	04/16/12 09:33	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	0.0019	1	04/11/12 10:57	04/16/12 09:33	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 11:51	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND mg/L		0.00020	0.000010	1	04/10/12 12:29	04/11/12 12:28	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND ug/L		4.8	0.44	1	04/06/12 14:50	04/16/12 00:20	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	78 %		29-122		1	04/06/12 14:50	04/16/12 00:20	4165-60-0	
2-Fluorobiphenyl (S)	72 %		30-110		1	04/06/12 14:50	04/16/12 00:20	321-60-8	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2511542

Sample: SUP_MW_6_040312 Lab ID: 2511542009 Collected: 04/03/12 10:40 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
<i>Surrogates</i>									
Terphenyl-d14 (S)	77 %		38-121		1	04/06/12 14:50	04/16/12 00:20	1718-51-0	
Phenol-d6 (S)	29 %		10-110		1	04/06/12 14:50	04/16/12 00:20	13127-88-3	
2-Fluorophenol (S)	42 %		12-110		1	04/06/12 14:50	04/16/12 00:20	367-12-4	
2,4,6-Tribromophenol (S)	82 %		30-126		1	04/06/12 14:50	04/16/12 00:20	118-79-6	P2
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		04/11/12 06:05	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		04/11/12 06:05	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		04/11/12 06:05	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	0.50	1		04/11/12 06:05	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		04/11/12 06:05	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.20	1		04/11/12 06:05	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/11/12 06:05	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		04/11/12 06:05	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/11/12 06:05	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.0	1		04/11/12 06:05	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.10	1		04/11/12 06:05	95-49-8	
2-Hexanone	ND ug/L		5.0	1.0	1		04/11/12 06:05	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.10	1		04/11/12 06:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1.0	1		04/11/12 06:05	108-10-1	
Acetone	ND ug/L		5.0	1.0	1		04/11/12 06:05	67-64-1	
Benzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	71-43-2	
Bromobenzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	75-27-4	
Bromoform	ND ug/L		1.0	0.10	1		04/11/12 06:05	75-25-2	
Bromomethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	74-83-9	CL
Carbon disulfide	0.33J ug/L		1.0	0.10	1		04/11/12 06:05	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.10	1		04/11/12 06:05	56-23-5	
Chlorobenzene	ND ug/L		1.0	0.10	1		04/11/12 06:05	108-90-7	
Chloroethane	ND ug/L		1.0	0.10	1		04/11/12 06:05	75-00-3	
Chloroform	ND ug/L		1.0	0.10	1		04/11/12 06:05	67-66-3	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_6_040312 **Lab ID:** 2511542009 Collected: 04/03/12 10:40 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Chloromethane	ND	ug/L	1.0	0.10	1		04/11/12 06:05	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/11/12 06:05	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/11/12 06:05	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 06:05	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/11/12 06:05	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/11/12 06:05	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		04/11/12 06:05	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/11/12 06:05	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		04/11/12 06:05	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/11/12 06:05	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/11/12 06:05	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/11/12 06:05	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	113	%	79-121		1		04/11/12 06:05	460-00-4	
Dibromofluoromethane (S)	100	%	81-119		1		04/11/12 06:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	72-127		1		04/11/12 06:05	17060-07-0	
Toluene-d8 (S)	104	%	77-120		1		04/11/12 06:05	2037-26-5	
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		04/10/12 06:09		
Surrogates									
4-Bromofluorobenzene (S)	109	%	50-150		1		04/10/12 06:09	460-00-4	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C									
Total Dissolved Solids	1870	mg/L	10.0	2.0	1		04/05/12 14:16		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: Trip Blank #1 **Lab ID: 2511542010** Collected: 04/03/12 13:00 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.20	1		04/10/12 09:50	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	0.50	1		04/10/12 09:50	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		04/10/12 09:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	0.20	1		04/10/12 09:50	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		04/10/12 09:50	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		04/10/12 09:50	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		04/10/12 09:50	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		04/10/12 09:50	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		04/10/12 09:50	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	74-83-9	
Carbon disulfide	0.32J	ug/L	1.0	0.10	1		04/10/12 09:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/10/12 09:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/10/12 09:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/10/12 09:50	98-82-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: Trip Blank #1 Lab ID: 2511542010 Collected: 04/03/12 13:00 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/10/12 09:50	1634-04-4	
Methylene chloride	1.5J	ug/L	5.0	0.50	1		04/10/12 09:50	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	108-88-3	
Trichloroethene	0.30J	ug/L	1.0	0.10	1		04/10/12 09:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 09:50	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		04/10/12 09:50	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/10/12 09:50	1330-20-7	
cis-1,2-Dichloroethene	0.10J	ug/L	1.0	0.10	1		04/10/12 09:50	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/10/12 09:50	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 09:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	112 %		79-121		1		04/10/12 09:50	460-00-4	
Dibromofluoromethane (S)	100 %		81-119		1		04/10/12 09:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	93 %		72-127		1		04/10/12 09:50	17060-07-0	
Toluene-d8 (S)	102 %		77-120		1		04/10/12 09:50	2037-26-5	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		04/10/12 09:50		
Surrogates									
4-Bromofluorobenzene (S)	112 %		50-150		1		04/10/12 09:50	460-00-4	

Sample: SUP_MW_7_040312 Lab ID: 2511542011 Collected: 04/03/12 12:10 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND	mg/L	0.077	0.038	1	04/10/12 09:30	04/10/12 17:54		
Motor Oil Range SG	ND	mg/L	0.38	0.19	1	04/10/12 09:30	04/10/12 17:54	64742-65-0	
Surrogates									
n-Octacosane (S) SG	103 %		50-150		1	04/10/12 09:30	04/10/12 17:54	630-02-4	
o-Terphenyl (S) SG	93 %		50-150		1	04/10/12 09:30	04/10/12 17:54	84-15-1	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2511542

Sample: SUP_MW_7_040312 Lab ID: 2511542011 Collected: 04/03/12 12:10 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	0.0034J	mg/L	0.010	0.0022	1	04/11/12 10:57	04/16/12 16:05	7440-38-2	
Cadmium	ND	mg/L	0.0050	0.00042	1	04/11/12 10:57	04/16/12 16:05	7440-43-9	
Lead	ND	mg/L	0.010	0.0019	1	04/11/12 10:57	04/16/12 16:05	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	ND	mg/L	0.020	0.0022	1	04/11/12 10:57	04/16/12 09:37	7440-38-2	
Cadmium, Dissolved	ND	mg/L	0.0050	0.00042	1	04/11/12 10:57	04/16/12 09:37	7440-43-9	
Lead, Dissolved	ND	mg/L	0.010	0.0019	1	04/11/12 10:57	04/16/12 09:37	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	ND	mg/L	0.00020	0.000010	1	04/10/12 12:29	04/11/12 11:53	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND	mg/L	0.00020	0.000010	1	04/10/12 12:29	04/11/12 12:31	7439-97-6	
8270 MSSV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorophenol	ND	ug/L	4.8	0.44	1	04/06/12 14:50	04/16/12 00:42	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	78 %		29-122		1	04/06/12 14:50	04/16/12 00:42	4165-60-0	
2-Fluorobiphenyl (S)	76 %		30-110		1	04/06/12 14:50	04/16/12 00:42	321-60-8	
Terphenyl-d14 (S)	82 %		38-121		1	04/06/12 14:50	04/16/12 00:42	1718-51-0	
Phenol-d6 (S)	26 %		10-110		1	04/06/12 14:50	04/16/12 00:42	13127-88-3	
2-Fluorophenol (S)	37 %		12-110		1	04/06/12 14:50	04/16/12 00:42	367-12-4	
2,4,6-Tribromophenol (S)	69 %		30-126		1	04/06/12 14:50	04/16/12 00:42	118-79-6	P2
8260 MSV Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	71-55-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.20	1		04/10/12 06:26	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	0.50	1		04/10/12 06:26	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		04/10/12 06:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	107-06-2	
1,2-Dichloroethene (Total)	0.33J	ug/L	2.0	0.20	1		04/10/12 06:26	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	541-73-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_7_040312 Lab ID: 2511542011 Collected: 04/03/12 12:10 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1.0	1		04/10/12 06:26	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	95-49-8	
2-Hexanone	ND	ug/L	5.0	1.0	1		04/10/12 06:26	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.0	1		04/10/12 06:26	108-10-1	
Acetone	ND	ug/L	5.0	1.0	1		04/10/12 06:26	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.10	1		04/10/12 06:26	75-25-2	
Bromomethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	74-83-9	
Carbon disulfide	0.28J	ug/L	1.0	0.10	1		04/10/12 06:26	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.10	1		04/10/12 06:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		04/10/12 06:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/10/12 06:26	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/10/12 06:26	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		04/10/12 06:26	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	108-88-3	
Trichloroethene	0.91J	ug/L	1.0	0.10	1		04/10/12 06:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:26	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		04/10/12 06:26	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/10/12 06:26	1330-20-7	
cis-1,2-Dichloroethene	0.33J	ug/L	1.0	0.10	1		04/10/12 06:26	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/10/12 06:26	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	98-06-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_7_040312 Lab ID: 2511542011 Collected: 04/03/12 12:10 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260									
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 06:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	79-121		1		04/10/12 06:26	460-00-4	
Dibromofluoromethane (S)	101	%	81-119		1		04/10/12 06:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	72-127		1		04/10/12 06:26	17060-07-0	
Toluene-d8 (S)	103	%	77-120		1		04/10/12 06:26	2037-26-5	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		04/10/12 06:26		
Surrogates									
4-Bromofluorobenzene (S)	110	%	50-150		1		04/10/12 06:26	460-00-4	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	1620	mg/L	10.0	2.0	1		04/05/12 14:16		

Sample: SUP_MW_EQUIP_040312 Lab ID: 2511542012 Collected: 04/03/12 11:15 Received: 04/03/12 14:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	ND	mg/L	0.076	0.038	1	04/10/12 09:30	04/10/12 18:11		
Motor Oil Range SG	ND	mg/L	0.38	0.19	1	04/10/12 09:30	04/10/12 18:11	64742-65-0	
Surrogates									
n-Octacosane (S) SG	125	%	50-150		1	04/10/12 09:30	04/10/12 18:11	630-02-4	
o-Terphenyl (S) SG	113	%	50-150		1	04/10/12 09:30	04/10/12 18:11	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	ND	mg/L	0.010	0.0022	1	04/11/12 10:57	04/16/12 16:09	7440-38-2	
Cadmium	ND	mg/L	0.0050	0.00042	1	04/11/12 10:57	04/16/12 16:09	7440-43-9	
Lead	ND	mg/L	0.010	0.0019	1	04/11/12 10:57	04/16/12 16:09	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	ND	mg/L	0.020	0.0022	1	04/11/12 10:57	04/16/12 09:40	7440-38-2	
Cadmium, Dissolved	ND	mg/L	0.0050	0.00042	1	04/11/12 10:57	04/16/12 09:40	7440-43-9	
Lead, Dissolved	ND	mg/L	0.010	0.0019	1	04/11/12 10:57	04/16/12 09:40	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	ND	mg/L	0.00020	0.000010	1	04/10/12 12:29	04/11/12 11:55	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	ND	mg/L	0.00020	0.000010	1	04/10/12 12:29	04/11/12 12:33	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_EQUIP_040312 Lab ID: 2511542012 Collected: 04/03/12 11:15 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270 MSSV Semivolatile Organic		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorophenol	ND ug/L		4.8	0.44	1	04/06/12 14:50	04/16/12 01:04	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	68 %		29-122		1	04/06/12 14:50	04/16/12 01:04	4165-60-0	
2-Fluorobiphenyl (S)	66 %		30-110		1	04/06/12 14:50	04/16/12 01:04	321-60-8	
Terphenyl-d14 (S)	78 %		38-121		1	04/06/12 14:50	04/16/12 01:04	1718-51-0	
Phenol-d6 (S)	24 %		10-110		1	04/06/12 14:50	04/16/12 01:04	13127-88-3	
2-Fluorophenol (S)	34 %		12-110		1	04/06/12 14:50	04/16/12 01:04	367-12-4	
2,4,6-Tribromophenol (S)	72 %		30-126		1	04/06/12 14:50	04/16/12 01:04	118-79-6	P2
8260 MSV		Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/10/12 06:43	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		04/10/12 06:43	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/10/12 06:43	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		04/10/12 06:43	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		04/10/12 06:43	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		04/10/12 06:43	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		04/10/12 06:43	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 06:43	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		04/10/12 06:43	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 06:43	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/10/12 06:43	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	0.50	1		04/10/12 06:43	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		04/10/12 06:43	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 06:43	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		04/10/12 06:43	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.20	1		04/10/12 06:43	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/10/12 06:43	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/10/12 06:43	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 06:43	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		04/10/12 06:43	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 06:43	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/10/12 06:43	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.0	1		04/10/12 06:43	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.10	1		04/10/12 06:43	95-49-8	
2-Hexanone	ND ug/L		5.0	1.0	1		04/10/12 06:43	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.10	1		04/10/12 06:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1.0	1		04/10/12 06:43	108-10-1	
Acetone	ND ug/L		5.0	1.0	1		04/10/12 06:43	67-64-1	
Benzene	ND ug/L		1.0	0.10	1		04/10/12 06:43	71-43-2	
Bromobenzene	ND ug/L		1.0	0.10	1		04/10/12 06:43	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.10	1		04/10/12 06:43	74-97-5	
Bromodichloromethane	0.10J ug/L		1.0	0.10	1		04/10/12 06:43	75-27-4	
Bromoform	ND ug/L		1.0	0.10	1		04/10/12 06:43	75-25-2	
Bromomethane	ND ug/L		1.0	0.10	1		04/10/12 06:43	74-83-9	
Carbon disulfide	0.26J ug/L		1.0	0.10	1		04/10/12 06:43	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.10	1		04/10/12 06:43	56-23-5	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: SUP_MW_EQUIP_040312 Lab ID: 2511542012 Collected: 04/03/12 11:15 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Chlorobenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.10	1		04/10/12 06:43	75-00-3	
Chloroform	6.6	ug/L	1.0	0.10	1		04/10/12 06:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:43	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:43	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.10	1		04/10/12 06:43	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:43	75-71-8	
Ethylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.10	1		04/10/12 06:43	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/10/12 06:43	1634-04-4	
Methylene chloride	ND	ug/L	5.0	0.50	1		04/10/12 06:43	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	108-88-3	
Trichloroethene	0.74J	ug/L	1.0	0.10	1		04/10/12 06:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 06:43	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		04/10/12 06:43	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/10/12 06:43	1330-20-7	
cis-1,2-Dichloroethene	0.18J	ug/L	1.0	0.10	1		04/10/12 06:43	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/10/12 06:43	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 06:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%		79-121	1		04/10/12 06:43	460-00-4	
Dibromofluoromethane (S)	100	%		81-119	1		04/10/12 06:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%		72-127	1		04/10/12 06:43	17060-07-0	
Toluene-d8 (S)	101	%		77-120	1		04/10/12 06:43	2037-26-5	
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L		50.0	25.0	1		04/10/12 06:43	
Surrogates									
4-Bromofluorobenzene (S)	108	%		50-150		1		04/10/12 06:43	460-00-4
2540C Total Dissolved Solids									
Analytical Method: SM 2540C									
Total Dissolved Solids	93.0	mg/L		5.0	1.0	1		04/05/12 14:17	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2511542

Sample: Trip Blank #4 **Lab ID: 2511542013** Collected: 04/03/12 13:00 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	0.10	1		04/10/12 10:41	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	0.10	1		04/10/12 10:41	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	0.20	1		04/10/12 10:41	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	0.50	1		04/10/12 10:41	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	0.10	1		04/10/12 10:41	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	0.20	1		04/10/12 10:41	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/10/12 10:41	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	0.10	1		04/10/12 10:41	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	0.10	1		04/10/12 10:41	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1.0	1		04/10/12 10:41	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	0.10	1		04/10/12 10:41	95-49-8	
2-Hexanone	ND ug/L		5.0	1.0	1		04/10/12 10:41	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	0.10	1		04/10/12 10:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1.0	1		04/10/12 10:41	108-10-1	
Acetone	ND ug/L		5.0	1.0	1		04/10/12 10:41	67-64-1	
Benzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	71-43-2	
Bromobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	108-86-1	
Bromochloromethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	74-97-5	
Bromodichloromethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	75-27-4	
Bromoform	ND ug/L		1.0	0.10	1		04/10/12 10:41	75-25-2	
Bromomethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	74-83-9	
Carbon disulfide	0.26J ug/L		1.0	0.10	1		04/10/12 10:41	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	0.10	1		04/10/12 10:41	56-23-5	
Chlorobenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	108-90-7	
Chloroethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	75-00-3	
Chloroform	ND ug/L		1.0	0.10	1		04/10/12 10:41	67-66-3	
Chloromethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	74-87-3	
Dibromochloromethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	124-48-1	
Dibromomethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	0.10	1		04/10/12 10:41	75-71-8	
Ethylbenzene	ND ug/L		1.0	0.10	1		04/10/12 10:41	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	0.10	1		04/10/12 10:41	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	0.10	1		04/10/12 10:41	98-82-8	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2511542

Sample: Trip Blank #4 **Lab ID: 2511542013** Collected: 04/03/12 13:00 Received: 04/03/12 14:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Methyl-tert-butyl ether	ND	ug/L	1.0	0.10	1		04/10/12 10:41	1634-04-4	
Methylene chloride	1.5J	ug/L	5.0	0.50	1		04/10/12 10:41	75-09-2	
Naphthalene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	91-20-3	
Styrene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	127-18-4	
Toluene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	108-88-3	
Trichloroethene	0.23J	ug/L	1.0	0.10	1		04/10/12 10:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.10	1		04/10/12 10:41	75-69-4	
Vinyl chloride	ND	ug/L	0.20	0.10	1		04/10/12 10:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.30	1		04/10/12 10:41	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	0.20	1		04/10/12 10:41	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	103-65-1	
o-Xylene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.10	1		04/10/12 10:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	110 %		79-121		1		04/10/12 10:41	460-00-4	
Dibromofluoromethane (S)	98 %		81-119		1		04/10/12 10:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	96 %		72-127		1		04/10/12 10:41	17060-07-0	
Toluene-d8 (S)	101 %		77-120		1		04/10/12 10:41	2037-26-5	
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics	ND	ug/L	50.0	25.0	1		04/10/12 10:41		
Surrogates									
4-Bromofluorobenzene (S)	110 %		50-150		1		04/10/12 10:41	460-00-4	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

QC Batch: MERP/1654 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

METHOD BLANK: 110300 Matrix: Water
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	04/11/12 11:26	

LABORATORY CONTROL SAMPLE: 110301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0051	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110302 110303

Parameter	Units	2511542001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	.005	.005	0.0036	0.0036	72	72	75-125	.8	20	M1

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

QC Batch: MERP/1655 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
 Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

METHOD BLANK: 110304 Matrix: Water
 Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	ND	0.00020	04/11/12 12:03	

LABORATORY CONTROL SAMPLE: 110305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0052	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110306 110307

Parameter	Units	2511542001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	mg/L	ND	.005	.005	0.0035	0.0036	70	71	75-125	1	20	M1

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

QC Batch: MPRP/2940 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET
 Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

METHOD BLANK: 110560 Matrix: Water
 Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	04/16/12 15:18	
Cadmium	mg/L	ND	0.0050	04/16/12 15:18	
Lead	mg/L	ND	0.010	04/16/12 15:18	

LABORATORY CONTROL SAMPLE: 110561

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.43	86	80-120	
Cadmium	mg/L	.5	0.43	86	80-120	
Lead	mg/L	.5	0.45	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110562 110563

Parameter	Units	2511542001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	MS Result	MSD Result						
Arsenic	mg/L	0.016	.5	.5	0.48	0.50	93	97	75-125	3	20	
Cadmium	mg/L	ND	.5	.5	0.46	0.47	92	94	75-125	2	20	
Lead	mg/L	0.0027J	.5	.5	0.45	0.45	89	90	75-125	2	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

QC Batch: MPRP/2941 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

METHOD BLANK: 110564 Matrix: Water
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.020	04/16/12 08:49	
Cadmium, Dissolved	mg/L	ND	0.0050	04/16/12 08:49	
Lead, Dissolved	mg/L	ND	0.010	04/16/12 08:49	

LABORATORY CONTROL SAMPLE: 110565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.46	92	80-120	
Cadmium, Dissolved	mg/L	.5	0.46	93	80-120	
Lead, Dissolved	mg/L	.5	0.48	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110566 110567

Parameter	Units	2511542001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	MS Result	MSD Result						
Arsenic, Dissolved	mg/L	0.0057J	.5	.5	0.53	0.56	105	111	75-125	6	20	
Cadmium, Dissolved	mg/L	ND	.5	.5	0.51	0.54	101	108	75-125	6	20	
Lead, Dissolved	mg/L	0.0020J	.5	.5	0.48	0.51	95	102	75-125	7	20	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

QC Batch: MSV/6764 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 2511542003, 2511542007, 2511542010, 2511542011, 2511542012, 2511542013

METHOD BLANK: 110240 Matrix: Water
Associated Lab Samples: 2511542003, 2511542007, 2511542010, 2511542011, 2511542012, 2511542013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/10/12 02:43	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/10/12 02:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/10/12 02:43	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/10/12 02:43	
1,1-Dichloroethane	ug/L	ND	1.0	04/10/12 02:43	
1,1-Dichloroethene	ug/L	ND	1.0	04/10/12 02:43	
1,1-Dichloropropene	ug/L	ND	1.0	04/10/12 02:43	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	04/10/12 02:43	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/10/12 02:43	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/10/12 02:43	
1,2,4-Trimethylbenzene	ug/L	0.12J	1.0	04/10/12 02:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	04/10/12 02:43	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/10/12 02:43	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/10/12 02:43	
1,2-Dichloroethane	ug/L	ND	1.0	04/10/12 02:43	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	04/10/12 02:43	
1,2-Dichloropropane	ug/L	ND	1.0	04/10/12 02:43	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	04/10/12 02:43	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/10/12 02:43	
1,3-Dichloropropane	ug/L	ND	1.0	04/10/12 02:43	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/10/12 02:43	
2,2-Dichloropropane	ug/L	ND	1.0	04/10/12 02:43	
2-Butanone (MEK)	ug/L	ND	5.0	04/10/12 02:43	
2-Chlorotoluene	ug/L	ND	1.0	04/10/12 02:43	
2-Hexanone	ug/L	ND	5.0	04/10/12 02:43	
4-Chlorotoluene	ug/L	ND	1.0	04/10/12 02:43	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/10/12 02:43	
Acetone	ug/L	1.2J	5.0	04/10/12 02:43	
Benzene	ug/L	ND	1.0	04/10/12 02:43	
Bromobenzene	ug/L	ND	1.0	04/10/12 02:43	
Bromochloromethane	ug/L	ND	1.0	04/10/12 02:43	
Bromodichloromethane	ug/L	ND	1.0	04/10/12 02:43	
Bromoform	ug/L	ND	1.0	04/10/12 02:43	
Bromomethane	ug/L	ND	1.0	04/10/12 02:43	
Carbon disulfide	ug/L	0.27J	1.0	04/10/12 02:43	
Carbon tetrachloride	ug/L	ND	1.0	04/10/12 02:43	
Chlorobenzene	ug/L	ND	1.0	04/10/12 02:43	
Chloroethane	ug/L	ND	1.0	04/10/12 02:43	
Chloroform	ug/L	ND	1.0	04/10/12 02:43	
Chloromethane	ug/L	ND	1.0	04/10/12 02:43	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/10/12 02:43	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/10/12 02:43	
Dibromochloromethane	ug/L	ND	1.0	04/10/12 02:43	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

METHOD BLANK: 110240

Matrix: Water

Associated Lab Samples: 2511542003, 2511542007, 2511542010, 2511542011, 2511542012, 2511542013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	04/10/12 02:43	
Dichlorodifluoromethane	ug/L	ND	1.0	04/10/12 02:43	
Ethylbenzene	ug/L	ND	1.0	04/10/12 02:43	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	04/10/12 02:43	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	04/10/12 02:43	
m&p-Xylene	ug/L	ND	2.0	04/10/12 02:43	
Methyl-tert-butyl ether	ug/L	ND	1.0	04/10/12 02:43	
Methylene chloride	ug/L	3.5J	5.0	04/10/12 02:43	
n-Butylbenzene	ug/L	0.52J	1.0	04/10/12 02:43	
n-Propylbenzene	ug/L	ND	1.0	04/10/12 02:43	
Naphthalene	ug/L	ND	1.0	04/10/12 02:43	
o-Xylene	ug/L	ND	1.0	04/10/12 02:43	
p-Isopropyltoluene	ug/L	ND	1.0	04/10/12 02:43	
sec-Butylbenzene	ug/L	ND	1.0	04/10/12 02:43	
Styrene	ug/L	ND	1.0	04/10/12 02:43	
tert-Butylbenzene	ug/L	ND	1.0	04/10/12 02:43	
Tetrachloroethene	ug/L	ND	1.0	04/10/12 02:43	
Toluene	ug/L	ND	1.0	04/10/12 02:43	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/10/12 02:43	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/10/12 02:43	
Trichloroethene	ug/L	ND	1.0	04/10/12 02:43	
Trichlorofluoromethane	ug/L	ND	1.0	04/10/12 02:43	
Vinyl chloride	ug/L	ND	0.20	04/10/12 02:43	
Xylene (Total)	ug/L	ND	3.0	04/10/12 02:43	
1,2-Dichloroethane-d4 (S)	%	96	72-127	04/10/12 02:43	
4-Bromofluorobenzene (S)	%	108	79-121	04/10/12 02:43	
Dibromofluoromethane (S)	%	103	81-119	04/10/12 02:43	
Toluene-d8 (S)	%	102	77-120	04/10/12 02:43	

LABORATORY CONTROL SAMPLE: 110241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	17.5	88	70-122	
1,1,1-Trichloroethane	ug/L	20	20.9	105	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	17.4	87	62-133	
1,1,2-Trichloroethane	ug/L	20	17.0	85	68-122	
1,1-Dichloroethane	ug/L	20	21.1	105	70-125	
1,1-Dichloroethene	ug/L	20	27.0	135	69-142	
1,1-Dichloropropene	ug/L	20	21.1	106	67-129	
1,2,3-Trichlorobenzene	ug/L	20	13.3	67	60-132	
1,2,3-Trichloropropane	ug/L	20	17.1	85	65-120	
1,2,4-Trichlorobenzene	ug/L	20	13.9	69	62-127	
1,2,4-Trimethylbenzene	ug/L	20	18.8	94	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	15.9	79	55-118	
1,2-Dibromoethane (EDB)	ug/L	20	17.2	86	65-123	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

LABORATORY CONTROL SAMPLE: 110241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	17.1	86	71-118	
1,2-Dichloroethane	ug/L	20	18.6	93	63-131	
1,2-Dichloroethene (Total)	ug/L	40	43.6	109	73-134	
1,2-Dichloropropane	ug/L	20	19.1	96	70-125	
1,3,5-Trimethylbenzene	ug/L	20	18.1	90	70-123	
1,3-Dichlorobenzene	ug/L	20	17.0	85	72-119	
1,3-Dichloropropane	ug/L	20	17.2	86	69-122	
1,4-Dichlorobenzene	ug/L	20	16.5	83	70-116	
2,2-Dichloropropane	ug/L	20	19.0	95	52-149	
2-Butanone (MEK)	ug/L	40	34.8	87	45-155	
2-Chlorotoluene	ug/L	20	17.4	87	69-119	
2-Hexanone	ug/L	40	29.8	75	50-151	
4-Chlorotoluene	ug/L	20	17.8	89	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	31.1	78	61-145	
Acetone	ug/L	40	33.1	83	40-160	
Benzene	ug/L	20	17.3	87	66-123	
Bromobenzene	ug/L	20	18.4	92	68-118	
Bromochloromethane	ug/L	20	20.2	101	72-128	
Bromodichloromethane	ug/L	20	18.5	92	68-129	
Bromoform	ug/L	20	15.9	80	54-118	
Bromomethane	ug/L	20	21.0	105	43-151	
Carbon disulfide	ug/L	20	26.1	130	52-142	
Carbon tetrachloride	ug/L	20	20.9	105	67-135	
Chlorobenzene	ug/L	20	18.2	91	72-116	
Chloroethane	ug/L	20	20.9	104	48-139	
Chloroform	ug/L	20	19.7	99	71-124	
Chloromethane	ug/L	20	21.6	108	40-152	
cis-1,2-Dichloroethene	ug/L	20	21.0	105	74-133	
cis-1,3-Dichloropropene	ug/L	10	8.5	85	64-132	
Dibromochloromethane	ug/L	20	16.6	83	60-121	
Dibromomethane	ug/L	20	17.7	89	69-131	
Dichlorodifluoromethane	ug/L	20	21.9	110	40-160	
Ethylbenzene	ug/L	20	19.2	96	67-122	
Hexachloro-1,3-butadiene	ug/L	20	15.7	79	55-139	
Isopropylbenzene (Cumene)	ug/L	20	17.6	88	67-124	
m&p-Xylene	ug/L	40	38.1	95	66-122	
Methyl-tert-butyl ether	ug/L	20	18.6	93	65-138	
Methylene chloride	ug/L	20	20.1	101	58-137	
n-Butylbenzene	ug/L	20	15.1	76	68-129	
n-Propylbenzene	ug/L	20	18.5	92	66-126	
Naphthalene	ug/L	20	14.1	70	59-133	
o-Xylene	ug/L	20	19.2	96	69-123	
p-Isopropyltoluene	ug/L	20	16.0	80	69-127	
sec-Butylbenzene	ug/L	20	17.6	88	68-129	
Styrene	ug/L	20	15.8	79	72-125	
tert-Butylbenzene	ug/L	20	18.0	90	58-120	
Tetrachloroethene	ug/L	20	19.4	97	40-115	
Toluene	ug/L	20	18.9	94	64-118	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

LABORATORY CONTROL SAMPLE: 110241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	22.6	113	70-134	
trans-1,3-Dichloropropene	ug/L	10	8.2	82	52-115	
Trichloroethene	ug/L	20	19.1	96	69-125	
Trichlorofluoromethane	ug/L	20	20.1	100	57-155	
Vinyl chloride	ug/L	20	21.3	107	53-132	
Xylene (Total)	ug/L	60	57.3	96	68-122	
1,2-Dichloroethane-d4 (S)	%			95	72-127	
4-Bromofluorobenzene (S)	%			90	79-121	
Dibromofluoromethane (S)	%			100	81-119	
Toluene-d8 (S)	%			100	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110396 110397

Parameter	Units	2511652001		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.							
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	18.0	17.1	90	86	67-132	5	22
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.7	20.6	109	103	67-145	5	22
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	18.7	17.4	94	87	65-135	7	23
1,1,2-Trichloroethane	ug/L	ND	20	20	20	17.5	16.9	88	84	67-126	4	22
1,1-Dichloroethane	ug/L	ND	20	20	20	21.7	20.7	109	103	69-138	5	21
1,1-Dichloroethene	ug/L	ND	20	20	20	27.7	26.3	139	131	68-160	5	21
1,1-Dichloropropene	ug/L	ND	20	20	20	22.2	20.6	111	103	68-145	8	22
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	13.5	13.3	68	66	57-131	2	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20	16.9	15.7	85	79	61-123	7	24
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	14.0	13.9	70	69	58-130	.6	24
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	19.1	17.8	96	89	60-136	7	24
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	16.4	15.9	82	80	48-127	3	25
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	17.5	16.5	88	83	61-127	6	25
1,2-Dichlorobenzene	ug/L	ND	20	20	20	17.4	16.6	87	83	67-126	5	21
1,2-Dichloroethane	ug/L	ND	20	20	20	18.9	17.7	95	88	60-138	7	23
1,2-Dichloroethene (Total)	ug/L	ND	40	40	40	45.1	43.1	108	103	70-146	5	22
1,2-Dichloropropane	ug/L	ND	20	20	20	19.9	18.7	99	93	67-138	6	22
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	18.7	17.4	93	87	64-135	7	25
1,3-Dichlorobenzene	ug/L	ND	20	20	20	17.6	16.6	88	83	69-128	6	21
1,3-Dichloropropane	ug/L	ND	20	20	20	17.5	16.6	87	83	65-128	5	22
1,4-Dichlorobenzene	ug/L	ND	20	20	20	17.1	16.2	85	81	66-124	5	28
2,2-Dichloropropane	ug/L	ND	20	20	20	19.2	18.2	96	91	46-160	6	24
2-Butanone (MEK)	ug/L	ND	40	40	40	34.5	32.2	86	81	40-140	7	25
2-Chlorotoluene	ug/L	ND	20	20	20	17.8	16.5	89	82	67-129	8	20
2-Hexanone	ug/L	ND	40	40	40	30.1	30.4	75	76	42-141	1	27
4-Chlorotoluene	ug/L	ND	20	20	20	18.5	17.3	92	86	67-133	7	20
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	40	31.5	30.7	79	77	54-151	3	27
Acetone	ug/L	ND	40	40	40	29.5	29.5	74	74	40-155	.03	30
Benzene	ug/L	ND	20	20	20	18.0	17.0	90	85	63-138	6	24
Bromobenzene	ug/L	ND	20	20	20	18.6	17.2	93	86	64-127	8	21
Bromochloromethane	ug/L	ND	20	20	20	20.6	19.3	103	97	66-136	6	22
Bromodichloromethane	ug/L	ND	20	20	20	19.0	18.1	95	91	65-138	4	23

Date: 04/19/2012 09:49 AM

REPORT OF LABORATORY ANALYSIS

Page 45 of 61

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110396 110397											
Parameter	Units	2511652001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Bromoform	ug/L	ND	20	20	15.8	15.4	79	77	51-119	2	23
Bromomethane	ug/L	ND	20	20	21.2	22.7	106	113	40-158	7	26
Carbon disulfide	ug/L	ND	20	20	27.5	26.4	136	130	56-158	4	23
Carbon tetrachloride	ug/L	ND	20	20	21.4	20.6	107	103	66-152	4	22
Chlorobenzene	ug/L	ND	20	20	18.6	17.5	93	88	68-128	6	27
Chloroethane	ug/L	ND	20	20	21.2	22.0	106	110	49-154	4	25
Chloroform	ug/L	ND	20	20	20.7	19.2	104	96	69-137	7	21
Chloromethane	ug/L	ND	20	20	21.5	23.0	108	115	40-160	6	25
cis-1,2-Dichloroethene	ug/L	1.9	20	20	21.5	20.7	98	94	69-147	4	21
cis-1,3-Dichloropropene	ug/L	ND	10	10	8.7	8.3	87	83	60-141	5	23
Dibromochloromethane	ug/L	ND	20	20	16.8	16.3	84	81	56-125	3	23
Dibromomethane	ug/L	ND	20	20	18.1	17.1	91	86	63-137	5	23
Dichlorodifluoromethane	ug/L	ND	20	20	20.4	21.7	102	109	40-160	6	24
Ethylbenzene	ug/L	ND	20	20	19.8	18.8	99	94	65-135	5	25
Hexachloro-1,3-butadiene	ug/L	ND	20	20	15.3	14.9	77	75	50-149	3	19
Isopropylbenzene (Cumene)	ug/L	ND	20	20	17.7	17.0	88	85	64-137	4	27
m&p-Xylene	ug/L	ND	40	40	39.4	37.1	98	92	63-134	6	25
Methyl-tert-butyl ether	ug/L	ND	20	20	19.1	18.1	96	91	59-143	5	26
Methylene chloride	ug/L	ND	20	20	20.1	19.6	100	97	52-133	2	23
n-Butylbenzene	ug/L	ND	20	20	15.2	15.3	76	76	65-143	.2	20
n-Propylbenzene	ug/L	ND	20	20	19.2	17.9	96	90	64-141	7	25
Naphthalene	ug/L	ND	20	20	14.0	13.7	70	68	48-141	3	29
o-Xylene	ug/L	ND	20	20	19.7	18.4	98	92	68-131	7	23
p-Isopropyltoluene	ug/L	ND	20	20	16.1	15.5	80	78	69-137	4	21
sec-Butylbenzene	ug/L	ND	20	20	17.8	17.0	89	85	69-139	5	20
Styrene	ug/L	ND	20	20	15.9	15.3	80	76	67-135	4	23
tert-Butylbenzene	ug/L	ND	20	20	18.5	17.2	92	86	61-129	7	21
Tetrachloroethene	ug/L	ND	20	20	20.1	19.1	100	96	40-122	5	21
Toluene	ug/L	ND	20	20	19.4	18.5	96	92	64-128	5	24
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.6	22.4	118	112	66-150	5	21
trans-1,3-Dichloropropene	ug/L	ND	10	10	8.5	7.8	85	78	51-116	8	23
Trichloroethene	ug/L	6.5	20	20	19.4	18.4	64	59	68-135	5	21 M1
Trichlorofluoromethane	ug/L	ND	20	20	19.8	20.8	99	104	54-160	5	23
Vinyl chloride	ug/L	ND	20	20	22.1	22.6	110	113	45-155	2	22
Xylene (Total)	ug/L	ND	60	60	59.1	55.5	98	92	65-133	6	25
1,2-Dichloroethane-d4 (S)	%						95	97	72-127		
4-Bromofluorobenzene (S)	%						90	90	79-121		
Dibromofluoromethane (S)	%						100	100	81-119		
Toluene-d8 (S)	%						101	101	77-120		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

QC Batch: MSV/6774 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009

METHOD BLANK: 110538 Matrix: Water
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/11/12 03:50	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/11/12 03:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/11/12 03:50	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/11/12 03:50	
1,1-Dichloroethane	ug/L	ND	1.0	04/11/12 03:50	
1,1-Dichloroethene	ug/L	ND	1.0	04/11/12 03:50	
1,1-Dichloropropene	ug/L	ND	1.0	04/11/12 03:50	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	04/11/12 03:50	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/11/12 03:50	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/11/12 03:50	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	04/11/12 03:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	04/11/12 03:50	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/11/12 03:50	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/11/12 03:50	
1,2-Dichloroethane	ug/L	ND	1.0	04/11/12 03:50	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	04/11/12 03:50	
1,2-Dichloropropane	ug/L	ND	1.0	04/11/12 03:50	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	04/11/12 03:50	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/11/12 03:50	
1,3-Dichloropropane	ug/L	ND	1.0	04/11/12 03:50	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/11/12 03:50	
2,2-Dichloropropane	ug/L	ND	1.0	04/11/12 03:50	
2-Butanone (MEK)	ug/L	ND	5.0	04/11/12 03:50	
2-Chlorotoluene	ug/L	ND	1.0	04/11/12 03:50	
2-Hexanone	ug/L	ND	5.0	04/11/12 03:50	
4-Chlorotoluene	ug/L	ND	1.0	04/11/12 03:50	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/11/12 03:50	
Acetone	ug/L	1.4J	5.0	04/11/12 03:50	
Benzene	ug/L	ND	1.0	04/11/12 03:50	
Bromobenzene	ug/L	ND	1.0	04/11/12 03:50	
Bromochloromethane	ug/L	ND	1.0	04/11/12 03:50	
Bromodichloromethane	ug/L	ND	1.0	04/11/12 03:50	
Bromoform	ug/L	ND	1.0	04/11/12 03:50	
Bromomethane	ug/L	ND	1.0	04/11/12 03:50	CL
Carbon disulfide	ug/L	0.30J	1.0	04/11/12 03:50	
Carbon tetrachloride	ug/L	ND	1.0	04/11/12 03:50	
Chlorobenzene	ug/L	ND	1.0	04/11/12 03:50	
Chloroethane	ug/L	ND	1.0	04/11/12 03:50	
Chloroform	ug/L	ND	1.0	04/11/12 03:50	
Chloromethane	ug/L	ND	1.0	04/11/12 03:50	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/11/12 03:50	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/11/12 03:50	
Dibromochloromethane	ug/L	ND	1.0	04/11/12 03:50	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

METHOD BLANK: 110538

Matrix: Water

Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	04/11/12 03:50	
Dichlorodifluoromethane	ug/L	ND	1.0	04/11/12 03:50	
Ethylbenzene	ug/L	ND	1.0	04/11/12 03:50	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	04/11/12 03:50	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	04/11/12 03:50	
m&p-Xylene	ug/L	ND	2.0	04/11/12 03:50	
Methyl-tert-butyl ether	ug/L	ND	1.0	04/11/12 03:50	
Methylene chloride	ug/L	3.7J	5.0	04/11/12 03:50	
n-Butylbenzene	ug/L	ND	1.0	04/11/12 03:50	
n-Propylbenzene	ug/L	ND	1.0	04/11/12 03:50	
Naphthalene	ug/L	ND	1.0	04/11/12 03:50	
o-Xylene	ug/L	ND	1.0	04/11/12 03:50	
p-Isopropyltoluene	ug/L	ND	1.0	04/11/12 03:50	
sec-Butylbenzene	ug/L	ND	1.0	04/11/12 03:50	
Styrene	ug/L	ND	1.0	04/11/12 03:50	
tert-Butylbenzene	ug/L	ND	1.0	04/11/12 03:50	
Tetrachloroethene	ug/L	ND	1.0	04/11/12 03:50	
Toluene	ug/L	ND	1.0	04/11/12 03:50	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/11/12 03:50	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/11/12 03:50	
Trichloroethene	ug/L	ND	1.0	04/11/12 03:50	
Trichlorofluoromethane	ug/L	ND	1.0	04/11/12 03:50	
Vinyl chloride	ug/L	ND	1.0	04/11/12 03:50	
Xylene (Total)	ug/L	ND	3.0	04/11/12 03:50	
1,2-Dichloroethane-d4 (S)	%	101	72-127	04/11/12 03:50	
4-Bromofluorobenzene (S)	%	110	79-121	04/11/12 03:50	
Dibromofluoromethane (S)	%	102	81-119	04/11/12 03:50	
Toluene-d8 (S)	%	102	77-120	04/11/12 03:50	

LABORATORY CONTROL SAMPLE: 110539

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	16.9	85	70-122	
1,1,1-Trichloroethane	ug/L	20	20.0	100	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	17.7	88	62-133	
1,1,2-Trichloroethane	ug/L	20	16.9	84	68-122	
1,1-Dichloroethane	ug/L	20	20.4	102	70-125	
1,1-Dichloroethene	ug/L	20	23.4	117	69-142	
1,1-Dichloropropene	ug/L	20	19.9	100	67-129	
1,2,3-Trichlorobenzene	ug/L	20	13.3	66	60-132	
1,2,3-Trichloropropane	ug/L	20	16.4	82	65-120	
1,2,4-Trichlorobenzene	ug/L	20	13.8	69	62-127	
1,2,4-Trimethylbenzene	ug/L	20	18.3	92	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	16.3	81	55-118	
1,2-Dibromoethane (EDB)	ug/L	20	16.9	85	65-123	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

LABORATORY CONTROL SAMPLE: 110539

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	20	16.6	83	71-118	
1,2-Dichloroethane	ug/L	20	17.9	89	63-131	
1,2-Dichloroethene (Total)	ug/L	40	41.2	103	73-134	
1,2-Dichloropropane	ug/L	20	18.7	94	70-125	
1,3,5-Trimethylbenzene	ug/L	20	17.6	88	70-123	
1,3-Dichlorobenzene	ug/L	20	16.6	83	72-119	
1,3-Dichloropropane	ug/L	20	17.0	85	69-122	
1,4-Dichlorobenzene	ug/L	20	16.1	80	70-116	
2,2-Dichloropropane	ug/L	20	18.8	94	52-149	
2-Butanone (MEK)	ug/L	40	34.1	85	45-155	
2-Chlorotoluene	ug/L	20	17.0	85	69-119	
2-Hexanone	ug/L	40	29.9	75	50-151	
4-Chlorotoluene	ug/L	20	17.2	86	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	31.7	79	61-145	
Acetone	ug/L	40	29.5	74	40-160	
Benzene	ug/L	20	16.6	83	66-123	
Bromobenzene	ug/L	20	17.6	88	68-118	
Bromochloromethane	ug/L	20	19.0	95	72-128	
Bromodichloromethane	ug/L	20	17.9	89	68-129	
Bromoform	ug/L	20	15.3	76	54-118	
Bromomethane	ug/L	20	18.5	93	43-151	CL
Carbon disulfide	ug/L	20	22.4	112	52-142	
Carbon tetrachloride	ug/L	20	19.6	98	67-135	
Chlorobenzene	ug/L	20	17.3	87	72-116	
Chloroethane	ug/L	20	21.9	109	48-139	
Chloroform	ug/L	20	19.2	96	71-124	
Chloromethane	ug/L	20	22.3	111	40-152	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	74-133	
cis-1,3-Dichloropropene	ug/L	10	8.3	83	64-132	
Dibromochloromethane	ug/L	20	15.9	80	60-121	
Dibromomethane	ug/L	20	17.9	89	69-131	
Dichlorodifluoromethane	ug/L	20	19.2	96	40-160	
Ethylbenzene	ug/L	20	18.6	93	67-122	
Hexachloro-1,3-butadiene	ug/L	20	15.7	78	55-139	
Isopropylbenzene (Cumene)	ug/L	20	17.0	85	67-124	
m&p-Xylene	ug/L	40	36.5	91	66-122	
Methyl-tert-butyl ether	ug/L	20	18.0	90	65-138	
Methylene chloride	ug/L	20	20.3	101	58-137	
n-Butylbenzene	ug/L	20	15.0	75	68-129	
n-Propylbenzene	ug/L	20	18.2	91	66-126	
Naphthalene	ug/L	20	13.4	67	59-133	
o-Xylene	ug/L	20	18.4	92	69-123	
p-Isopropyltoluene	ug/L	20	15.4	77	69-127	
sec-Butylbenzene	ug/L	20	17.2	86	68-129	
Styrene	ug/L	20	15.2	76	72-125	
tert-Butylbenzene	ug/L	20	17.5	88	58-120	
Tetrachloroethene	ug/L	20	18.5	93	40-115	
Toluene	ug/L	20	18.4	92	64-118	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

LABORATORY CONTROL SAMPLE: 110539

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	21.4	107	70-134	
trans-1,3-Dichloropropene	ug/L	10	8.2	82	52-115	
Trichloroethene	ug/L	20	18.3	91	69-125	
Trichlorofluoromethane	ug/L	20	20.1	100	57-155	
Vinyl chloride	ug/L	20	20.5	103	53-132	
Xylene (Total)	ug/L	60	55.0	92	68-122	
1,2-Dichloroethane-d4 (S)	%			97	72-127	
4-Bromofluorobenzene (S)	%			91	79-121	
Dibromofluoromethane (S)	%			101	81-119	
Toluene-d8 (S)	%			102	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110576 110577

Parameter	Units	2511542001		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.							
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	18.0	17.1	90	86	67-132	5	22
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.7	20.6	109	103	67-145	5	22
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	18.7	17.4	94	87	65-135	7	23
1,1,2-Trichloroethane	ug/L	ND	20	20	20	17.5	16.9	88	84	67-126	4	22
1,1-Dichloroethane	ug/L	ND	20	20	20	21.7	20.7	109	103	69-138	5	21
1,1-Dichloroethene	ug/L	ND	20	20	20	27.7	26.3	139	131	68-160	5	21
1,1-Dichloropropene	ug/L	ND	20	20	20	22.2	20.6	111	103	68-145	8	22
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	13.5	13.3	68	66	57-131	2	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20	16.9	15.7	85	79	61-123	7	24
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	14.0	13.9	70	69	58-130	.6	24
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	19.1	17.8	96	89	60-136	7	24
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	16.4	15.9	82	80	48-127	3	25
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	17.5	16.5	88	83	61-127	6	25
1,2-Dichlorobenzene	ug/L	ND	20	20	20	17.4	16.6	87	83	67-126	5	21
1,2-Dichloroethane	ug/L	ND	20	20	20	18.9	17.7	95	88	60-138	7	23
1,2-Dichloroethene (Total)	ug/L	ND	40	40	40	45.1	43.1	113	108	70-146	5	22
1,2-Dichloropropane	ug/L	ND	20	20	20	19.9	18.7	99	93	67-138	6	22
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	18.7	17.4	93	87	64-135	7	25
1,3-Dichlorobenzene	ug/L	ND	20	20	20	17.6	16.6	88	83	69-128	6	21
1,3-Dichloropropane	ug/L	ND	20	20	20	17.5	16.6	87	83	65-128	5	22
1,4-Dichlorobenzene	ug/L	ND	20	20	20	17.1	16.2	85	81	66-124	5	28
2,2-Dichloropropane	ug/L	ND	20	20	20	19.2	18.2	96	91	46-160	6	24
2-Butanone (MEK)	ug/L	ND	40	40	40	34.5	32.2	86	81	40-140	7	25
2-Chlorotoluene	ug/L	ND	20	20	20	17.8	16.5	89	82	67-129	8	20
2-Hexanone	ug/L	ND	40	40	40	30.1	30.4	75	76	42-141	1	27
4-Chlorotoluene	ug/L	ND	20	20	20	18.5	17.3	92	86	67-133	7	20
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	40	31.5	30.7	79	77	54-151	3	27
Acetone	ug/L	ND	40	40	40	29.5	29.5	74	74	40-155	.03	30
Benzene	ug/L	ND	20	20	20	18.0	17.0	90	85	63-138	6	24
Bromobenzene	ug/L	ND	20	20	20	18.6	17.2	93	86	64-127	8	21
Bromochloromethane	ug/L	ND	20	20	20	20.6	19.3	103	97	66-136	6	22
Bromodichloromethane	ug/L	ND	20	20	20	19.0	18.1	95	91	65-138	4	23

Date: 04/19/2012 09:49 AM

REPORT OF LABORATORY ANALYSIS

Page 50 of 61

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110576												110577											
Parameter	Units	2511542001 Result	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual									
			Spike Conc.	Spike Conc.																			
Bromoform	ug/L	ND	20	20	15.8	15.4	79	77	51-119	2	23												
Bromomethane	ug/L	ND	20	20	21.2	22.7	106	113	40-158	7	26												
Carbon disulfide	ug/L	0.36J	20	20	27.5	26.4	136	130	56-158	4	23												
Carbon tetrachloride	ug/L	ND	20	20	21.4	20.6	107	103	66-152	4	22												
Chlorobenzene	ug/L	ND	20	20	18.6	17.5	93	88	68-128	6	27												
Chloroethane	ug/L	ND	20	20	21.2	22.0	106	110	49-154	4	25												
Chloroform	ug/L	ND	20	20	20.7	19.2	104	96	69-137	7	21												
Chloromethane	ug/L	ND	20	20	21.5	23.0	108	115	40-160	6	25												
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.5	20.7	108	103	69-147	4	21												
cis-1,3-Dichloropropene	ug/L	ND	10	10	8.7	8.3	87	83	60-141	5	23												
Dibromochloromethane	ug/L	ND	20	20	16.8	16.3	84	81	56-125	3	23												
Dibromomethane	ug/L	ND	20	20	18.1	17.1	91	86	63-137	5	23												
Dichlorodifluoromethane	ug/L	ND	20	20	20.4	21.7	102	109	40-160	6	24												
Ethylbenzene	ug/L	ND	20	20	19.8	18.8	99	94	65-135	5	25												
Hexachloro-1,3-butadiene	ug/L	ND	20	20	15.3	14.9	77	75	50-149	3	19												
Isopropylbenzene (Cumene)	ug/L	ND	20	20	17.7	17.0	88	85	64-137	4	27												
m&p-Xylene	ug/L	ND	40	40	39.4	37.1	98	93	63-134	6	25												
Methyl-tert-butyl ether	ug/L	ND	20	20	19.1	18.1	96	91	59-143	5	26												
Methylene chloride	ug/L	ND	20	20	20.1	19.6	100	98	52-133	2	23												
n-Butylbenzene	ug/L	ND	20	20	15.2	15.3	76	76	65-143	.2	20												
n-Propylbenzene	ug/L	ND	20	20	19.2	17.9	96	90	64-141	7	25												
Naphthalene	ug/L	ND	20	20	14.0	13.7	70	68	48-141	3	29												
o-Xylene	ug/L	ND	20	20	19.7	18.4	98	92	68-131	7	23												
p-Isopropyltoluene	ug/L	ND	20	20	16.1	15.5	80	78	69-137	4	21												
sec-Butylbenzene	ug/L	ND	20	20	17.8	17.0	89	85	69-139	5	20												
Styrene	ug/L	ND	20	20	15.9	15.3	80	76	67-135	4	23												
tert-Butylbenzene	ug/L	ND	20	20	18.5	17.2	92	86	61-129	7	21												
Tetrachloroethene	ug/L	ND	20	20	20.1	19.1	100	96	40-122	5	21												
Toluene	ug/L	ND	20	20	19.4	18.5	97	92	64-128	5	24												
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.6	22.4	118	112	66-150	5	21												
trans-1,3-Dichloropropene	ug/L	ND	10	10	8.5	7.8	85	78	51-116	8	23												
Trichloroethene	ug/L	ND	20	20	19.4	18.4	97	92	68-135	5	21												
Trichlorofluoromethane	ug/L	ND	20	20	19.8	20.8	99	104	54-160	5	23												
Vinyl chloride	ug/L	ND	20	20	22.1	22.6	110	113	45-155	2	22												
Xylene (Total)	ug/L	ND	60	60	59.1	55.5	98	92	65-133	6	25												
1,2-Dichloroethane-d4 (S)	%						95	97	72-127														
4-Bromofluorobenzene (S)	%						90	90	79-121														
Dibromofluoromethane (S)	%						100	100	81-119														
Toluene-d8 (S)	%						101	101	77-120														

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110578												110579											
Parameter	Units	2511542005 Result	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual									
			Spike Conc.	Spike Conc.																			
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	15.3	20.0	76	100	67-132	27	22	D6											
1,1,1-Trichloroethane	ug/L	ND	20	20	18.8	24.3	94	121	67-145	26	22	D6											

Date: 04/19/2012 09:49 AM

REPORT OF LABORATORY ANALYSIS

Page 51 of 61

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110578 110579												
Parameter	Units	2511542005 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD		RPD
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.0	21.0	85	105	65-135	21	23	
1,1,2-Trichloroethane	ug/L	ND	20	20	15.4	19.7	77	99	67-126	25	22	D6
1,1-Dichloroethane	ug/L	ND	20	20	18.8	24.5	94	122	69-138	26	21	D6
1,1-Dichloroethene	ug/L	ND	20	20	22.7	29.1	113	145	68-160	25	21	D6
1,1-Dichloropropene	ug/L	ND	20	20	19.0	24.4	95	122	68-145	25	22	D6
1,2,3-Trichlorobenzene	ug/L	ND	20	20	12.4	16.2	62	81	57-131	27	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	15.2	18.5	76	92	61-123	19	24	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	13.0	16.9	65	84	58-130	26	24	D6
1,2,4-Trimethylbenzene	ug/L	ND	20	20	16.9	21.2	84	106	60-136	23	24	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	14.8	18.3	74	92	48-127	21	25	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	15.5	19.8	78	99	61-127	24	25	
1,2-Dichlorobenzene	ug/L	ND	20	20	15.6	19.5	78	98	67-126	23	21	D6
1,2-Dichloroethane	ug/L	ND	20	20	16.3	20.6	82	103	60-138	23	23	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	39.0	49.6	98	124	70-146	24	22	D6
1,2-Dichloropropane	ug/L	ND	20	20	17.2	22.2	86	111	67-138	26	22	D6
1,3,5-Trimethylbenzene	ug/L	ND	20	20	16.4	20.7	82	103	64-135	23	25	
1,3-Dichlorobenzene	ug/L	ND	20	20	15.5	19.8	77	99	69-128	24	21	D6
1,3-Dichloropropane	ug/L	ND	20	20	15.5	19.4	77	97	65-128	23	22	D6
1,4-Dichlorobenzene	ug/L	ND	20	20	15.0	19.0	75	95	66-124	23	28	
2,2-Dichloropropane	ug/L	ND	20	20	18.0	22.9	90	115	46-160	24	24	
2-Butanone (MEK)	ug/L	ND	40	40	30.2	39.0	76	97	40-140	25	25	
2-Chlorotoluene	ug/L	ND	20	20	15.7	19.7	78	98	67-129	23	20	D6
2-Hexanone	ug/L	ND	40	40	26.7	35.6	67	89	42-141	29	27	D6
4-Chlorotoluene	ug/L	ND	20	20	16.0	20.2	80	101	67-133	23	20	D6
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	28.3	36.2	71	91	54-151	24	27	
Acetone	ug/L	ND	40	40	23.4	32.7	59	82	40-155	33	30	D6
Benzene	ug/L	ND	20	20	15.4	19.9	77	99	63-138	25	24	D6
Bromobenzene	ug/L	ND	20	20	16.1	20.5	81	102	64-127	24	21	D6
Bromochloromethane	ug/L	ND	20	20	17.6	23.2	88	116	66-136	28	22	D6
Bromodichloromethane	ug/L	ND	20	20	16.1	21.3	81	107	65-138	28	23	D6
Bromoform	ug/L	ND	20	20	14.1	17.9	70	89	51-119	24	23	D6
Bromomethane	ug/L	ND	20	20	22.5	23.4	113	117	40-158	4	26	CL
Carbon disulfide	ug/L	0.35J	20	20	21.5	28.7	106	142	56-158	29	23	D6
Carbon tetrachloride	ug/L	ND	20	20	18.3	24.1	91	121	66-152	27	22	D6
Chlorobenzene	ug/L	ND	20	20	15.8	20.3	79	101	68-128	25	27	
Chloroethane	ug/L	ND	20	20	25.3	24.7	127	123	49-154	3	25	
Chloroform	ug/L	ND	20	20	17.6	22.8	88	114	69-137	25	21	D6
Chloromethane	ug/L	ND	20	20	25.8	26.1	129	131	40-160	1	25	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.6	23.9	93	120	69-147	25	21	D6
cis-1,3-Dichloropropene	ug/L	ND	10	10	7.4	9.5	74	95	60-141	24	23	D6
Dibromochloromethane	ug/L	ND	20	20	14.6	18.7	73	94	56-125	25	23	D6
Dibromomethane	ug/L	ND	20	20	15.2	20.4	76	102	63-137	29	23	D6
Dichlorodifluoromethane	ug/L	ND	20	20	22.8	22.8	114	114	40-160	.09	24	
Ethylbenzene	ug/L	ND	20	20	16.9	22.0	85	110	65-135	26	25	D6
Hexachloro-1,3-butadiene	ug/L	ND	20	20	13.9	18.2	69	91	50-149	27	19	D6
Isopropylbenzene (Cumene)	ug/L	ND	20	20	15.5	20.0	77	100	64-137	26	27	
m&p-Xylene	ug/L	ND	40	40	33.6	43.4	84	108	63-134	26	25	D6

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

Parameter	Units	2511542005		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec								
Methyl-tert-butyl ether	ug/L	ND	20	20	16.5	21.1	83	106	59-143	25	26					
Methylene chloride	ug/L	ND	20	20	16.2	20.7	81	103	52-133	24	23	D6				
n-Butylbenzene	ug/L	ND	20	20	14.1	18.4	71	92	65-143	26	20	D6				
n-Propylbenzene	ug/L	ND	20	20	17.0	21.5	85	107	64-141	24	25					
Naphthalene	ug/L	ND	20	20	12.5	16.5	63	83	48-141	28	29					
o-Xylene	ug/L	ND	20	20	16.7	21.8	83	109	68-131	27	23	D6				
p-Isopropyltoluene	ug/L	ND	20	20	14.4	18.3	72	92	69-137	24	21	D6				
sec-Butylbenzene	ug/L	ND	20	20	15.9	20.2	79	101	69-139	24	20	D6				
Styrene	ug/L	ND	20	20	13.8	17.9	69	89	67-135	26	23	D6				
tert-Butylbenzene	ug/L	ND	20	20	16.2	20.5	81	102	61-129	23	21	D6				
Tetrachloroethene	ug/L	ND	20	20	17.4	22.4	87	112	40-122	25	21	D6				
Toluene	ug/L	ND	20	20	16.9	21.5	84	107	64-128	24	24					
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.4	25.7	102	128	66-150	23	21	D6				
trans-1,3-Dichloropropene	ug/L	ND	10	10	7.4	9.3	74	93	51-116	23	23					
Trichloroethene	ug/L	ND	20	20	16.5	21.6	82	108	68-135	27	21	D6				
Trichlorofluoromethane	ug/L	ND	20	20	24.0	23.8	120	119	54-160	.8	23					
Vinyl chloride	ug/L	ND	20	20	25.1	25.5	125	128	45-155	2	22					
Xylene (Total)	ug/L	ND	60	60	50.2	65.2	84	109	65-133	26	25	D6				
1,2-Dichloroethane-d4 (S)	%						96	98	72-127							
4-Bromofluorobenzene (S)	%						91	89	79-121							
Dibromofluoromethane (S)	%						100	101	81-119							
Toluene-d8 (S)	%						101	102	77-120							

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

QC Batch: MSV/6765 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx MSV Water
 Associated Lab Samples: 2511542001, 2511542002, 2511542003, 2511542004, 2511542005, 2511542006, 2511542007, 2511542008, 2511542009, 2511542010, 2511542011, 2511542012, 2511542013

METHOD BLANK: 110242 Matrix: Water

Associated Lab Samples: 2511542001, 2511542002, 2511542003, 2511542004, 2511542005, 2511542006, 2511542007, 2511542008, 2511542009, 2511542010, 2511542011, 2511542012, 2511542013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	ND	50.0	04/10/12 02:43	
4-Bromofluorobenzene (S)	%	108	50-150	04/10/12 02:43	

LABORATORY CONTROL SAMPLE: 110243

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	457	91	65-139	
4-Bromofluorobenzene (S)	%			100	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 110644 110645

Parameter	Units	2511542001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Gasoline Range Organics	ug/L	ND	500	500	488	462	98	92	48-147	5	30	
4-Bromofluorobenzene (S)	%						103	99	50-150			

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

QC Batch: OEXT/5341 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

METHOD BLANK: 109907 Matrix: Water
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	5.0	04/15/12 20:39	
2,4,6-Tribromophenol (S)	%	9	30-126	04/15/12 20:39	S0
2-Fluorobiphenyl (S)	%	64	30-110	04/15/12 20:39	
2-Fluorophenol (S)	%	4	12-110	04/15/12 20:39	S0
Nitrobenzene-d5 (S)	%	66	29-122	04/15/12 20:39	
Phenol-d6 (S)	%	13	10-110	04/15/12 20:39	
Terphenyl-d14 (S)	%	86	38-121	04/15/12 20:39	

LABORATORY CONTROL SAMPLE: 109908

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	40	35.1	88	20-132	
2,4,6-Tribromophenol (S)	%			87	30-126	
2-Fluorobiphenyl (S)	%			80	30-110	
2-Fluorophenol (S)	%			48	12-110	
Nitrobenzene-d5 (S)	%			85	29-122	
Phenol-d6 (S)	%			34	10-110	
Terphenyl-d14 (S)	%			92	38-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 109909 109910

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		2511542001 Result	Spike Conc.	Spike Conc.	MS Result					
Pentachlorophenol	ug/L	ND	80	80	ND	75.7	0	95	20-132	35 M1
2,4,6-Tribromophenol (S)	%						0	91	30-126	S0
2-Fluorobiphenyl (S)	%						79	84	30-110	
2-Fluorophenol (S)	%						.7	64	12-110	S0
Nitrobenzene-d5 (S)	%						80	87	29-122	
Phenol-d6 (S)	%						5	52	10-110	S0
Terphenyl-d14 (S)	%						90	94	38-121	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

QC Batch: OEXT/5337 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3510 Analysis Description: NWTPH-Dx GCS SG
 Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005

METHOD BLANK: 109830 Matrix: Water
 Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	ND	0.080	04/06/12 21:02	
Motor Oil Range SG	mg/L	ND	0.40	04/06/12 21:02	
n-Octacosane (S) SG	%	107	50-150	04/06/12 21:02	
o-Terphenyl (S) SG	%	99	50-150	04/06/12 21:02	

LABORATORY CONTROL SAMPLE: 109831

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/L	4	4.0	99	59-114	
Motor Oil Range SG	mg/L	4	4.4	110	69-124	
n-Octacosane (S) SG	%			119	50-150	
o-Terphenyl (S) SG	%			108	50-150	

SAMPLE DUPLICATE: 109832

Parameter	Units	2511474001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/L	0.15	0.19	27	39	
Motor Oil Range SG	mg/L	ND	ND		38	
n-Octacosane (S) SG	%	120	111	7		
o-Terphenyl (S) SG	%	110	103	7		

SAMPLE DUPLICATE: 109833

Parameter	Units	2511542001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/L	ND	0.046J		39	
Motor Oil Range SG	mg/L	ND	ND		38	
n-Octacosane (S) SG	%	102	108	6		
o-Terphenyl (S) SG	%	95	100	6		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2511542

QC Batch: OEXT/5351

Analysis Method: NWTPH-Dx

QC Batch Method: EPA 3510

Analysis Description: NWTPH-Dx GCS SG

Associated Lab Samples: 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

METHOD BLANK: 110312

Matrix: Water

Associated Lab Samples: 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	ND	0.080	04/10/12 15:53	
Motor Oil Range SG	mg/L	ND	0.40	04/10/12 15:53	
n-Octacosane (S) SG	%	112	50-150	04/10/12 15:53	
o-Terphenyl (S) SG	%	101	50-150	04/10/12 15:53	

LABORATORY CONTROL SAMPLE: 110313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/L	4	3.7	92	59-114	
Motor Oil Range SG	mg/L	4	4.0	100	69-124	
n-Octacosane (S) SG	%			110	50-150	
o-Terphenyl (S) SG	%			99	50-150	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2511542

QC Batch: WET/3592 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

METHOD BLANK: 109576 Matrix: Water
Associated Lab Samples: 2511542001, 2511542002, 2511542004, 2511542005, 2511542006, 2511542008, 2511542009, 2511542011, 2511542012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	1.0J	5.0	04/05/12 14:12	

LABORATORY CONTROL SAMPLE: 109670

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	213	216	101	80-120	

SAMPLE DUPLICATE: 109577

Parameter	Units	2511472001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	771	780	1	20	

SAMPLE DUPLICATE: 109578

Parameter	Units	2511542001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2480	2530	2	20	

QUALIFIERS

Project: Superlon

Pace Project No.: 2511542

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: GCSV/3445

[1] A duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

CL The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

D9 Dissolved result is greater than the total. Data is within laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

P2 Re-extraction or re-analysis could not be performed due to insufficient sample amount.

S0 Surrogate recovery outside laboratory control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 2511542

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2511542001	SUP_MW_4_040212	EPA 3510	OEXT/5337	NWTPH-Dx	GCSV/3441
2511542002	SUP_MW_3_040212	EPA 3510	OEXT/5337	NWTPH-Dx	GCSV/3441
2511542004	SUP_MW_1_040212	EPA 3510	OEXT/5337	NWTPH-Dx	GCSV/3441
2511542005	SUP_MW_2_040212	EPA 3510	OEXT/5337	NWTPH-Dx	GCSV/3441
2511542006	SUP_MW_DUP_040212	EPA 3510	OEXT/5351	NWTPH-Dx	GCSV/3445
2511542008	SUP_MW_5_040312	EPA 3510	OEXT/5351	NWTPH-Dx	GCSV/3445
2511542009	SUP_MW_6_040312	EPA 3510	OEXT/5351	NWTPH-Dx	GCSV/3445
2511542011	SUP_MW_7_040312	EPA 3510	OEXT/5351	NWTPH-Dx	GCSV/3445
2511542012	SUP_MW_EQUIP_040312	EPA 3510	OEXT/5351	NWTPH-Dx	GCSV/3445
2511542001	SUP_MW_4_040212	EPA 3010	MPRP/2940	EPA 6010	ICP/2751
2511542002	SUP_MW_3_040212	EPA 3010	MPRP/2940	EPA 6010	ICP/2751
2511542004	SUP_MW_1_040212	EPA 3010	MPRP/2940	EPA 6010	ICP/2751
2511542005	SUP_MW_2_040212	EPA 3010	MPRP/2940	EPA 6010	ICP/2751
2511542006	SUP_MW_DUP_040212	EPA 3010	MPRP/2940	EPA 6010	ICP/2751
2511542008	SUP_MW_5_040312	EPA 3010	MPRP/2940	EPA 6010	ICP/2751
2511542009	SUP_MW_6_040312	EPA 3010	MPRP/2940	EPA 6010	ICP/2751
2511542011	SUP_MW_7_040312	EPA 3010	MPRP/2940	EPA 6010	ICP/2751
2511542012	SUP_MW_EQUIP_040312	EPA 3010	MPRP/2940	EPA 6010	ICP/2751
2511542001	SUP_MW_4_040212	EPA 3010	MPRP/2941	EPA 6010	ICP/2752
2511542002	SUP_MW_3_040212	EPA 3010	MPRP/2941	EPA 6010	ICP/2752
2511542004	SUP_MW_1_040212	EPA 3010	MPRP/2941	EPA 6010	ICP/2752
2511542005	SUP_MW_2_040212	EPA 3010	MPRP/2941	EPA 6010	ICP/2752
2511542006	SUP_MW_DUP_040212	EPA 3010	MPRP/2941	EPA 6010	ICP/2752
2511542008	SUP_MW_5_040312	EPA 3010	MPRP/2941	EPA 6010	ICP/2752
2511542009	SUP_MW_6_040312	EPA 3010	MPRP/2941	EPA 6010	ICP/2752
2511542011	SUP_MW_7_040312	EPA 3010	MPRP/2941	EPA 6010	ICP/2752
2511542012	SUP_MW_EQUIP_040312	EPA 3010	MPRP/2941	EPA 6010	ICP/2752
2511542001	SUP_MW_4_040212	EPA 7470	MERP/1654	EPA 7470	MERC/1668
2511542002	SUP_MW_3_040212	EPA 7470	MERP/1654	EPA 7470	MERC/1668
2511542004	SUP_MW_1_040212	EPA 7470	MERP/1654	EPA 7470	MERC/1668
2511542005	SUP_MW_2_040212	EPA 7470	MERP/1654	EPA 7470	MERC/1668
2511542006	SUP_MW_DUP_040212	EPA 7470	MERP/1654	EPA 7470	MERC/1668
2511542008	SUP_MW_5_040312	EPA 7470	MERP/1654	EPA 7470	MERC/1668
2511542009	SUP_MW_6_040312	EPA 7470	MERP/1654	EPA 7470	MERC/1668
2511542011	SUP_MW_7_040312	EPA 7470	MERP/1654	EPA 7470	MERC/1668
2511542012	SUP_MW_EQUIP_040312	EPA 7470	MERP/1654	EPA 7470	MERC/1668
2511542001	SUP_MW_4_040212	EPA 7470	MERP/1655	EPA 7470	MERC/1669
2511542002	SUP_MW_3_040212	EPA 7470	MERP/1655	EPA 7470	MERC/1669
2511542004	SUP_MW_1_040212	EPA 7470	MERP/1655	EPA 7470	MERC/1669
2511542005	SUP_MW_2_040212	EPA 7470	MERP/1655	EPA 7470	MERC/1669
2511542006	SUP_MW_DUP_040212	EPA 7470	MERP/1655	EPA 7470	MERC/1669
2511542008	SUP_MW_5_040312	EPA 7470	MERP/1655	EPA 7470	MERC/1669
2511542009	SUP_MW_6_040312	EPA 7470	MERP/1655	EPA 7470	MERC/1669
2511542011	SUP_MW_7_040312	EPA 7470	MERP/1655	EPA 7470	MERC/1669
2511542012	SUP_MW_EQUIP_040312	EPA 7470	MERP/1655	EPA 7470	MERC/1669
2511542001	SUP_MW_4_040212	EPA 3510	OEXT/5341	EPA 8270	MSSV/2030

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon
Pace Project No.: 2511542

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2511542002	SUP_MW_3_040212	EPA 3510	OEXT/5341	EPA 8270	MSSV/2030
2511542004	SUP_MW_1_040212	EPA 3510	OEXT/5341	EPA 8270	MSSV/2030
2511542005	SUP_MW_2_040212	EPA 3510	OEXT/5341	EPA 8270	MSSV/2030
2511542006	SUP_MW_DUP_040212	EPA 3510	OEXT/5341	EPA 8270	MSSV/2030
2511542008	SUP_MW_5_040312	EPA 3510	OEXT/5341	EPA 8270	MSSV/2030
2511542009	SUP_MW_6_040312	EPA 3510	OEXT/5341	EPA 8270	MSSV/2030
2511542011	SUP_MW_7_040312	EPA 3510	OEXT/5341	EPA 8270	MSSV/2030
2511542012	SUP_MW_EQUIP_040312	EPA 3510	OEXT/5341	EPA 8270	MSSV/2030
2511542001	SUP_MW_4_040212	EPA 5030B/8260	MSV/6774		
2511542002	SUP_MW_3_040212	EPA 5030B/8260	MSV/6774		
2511542003	Trip Blank #3	EPA 5030B/8260	MSV/6764		
2511542004	SUP_MW_1_040212	EPA 5030B/8260	MSV/6774		
2511542005	SUP_MW_2_040212	EPA 5030B/8260	MSV/6774		
2511542006	SUP_MW_DUP_040212	EPA 5030B/8260	MSV/6774		
2511542007	Trip Blank #2	EPA 5030B/8260	MSV/6764		
2511542008	SUP_MW_5_040312	EPA 5030B/8260	MSV/6774		
2511542009	SUP_MW_6_040312	EPA 5030B/8260	MSV/6774		
2511542010	Trip Blank #1	EPA 5030B/8260	MSV/6764		
2511542011	SUP_MW_7_040312	EPA 5030B/8260	MSV/6764		
2511542012	SUP_MW_EQUIP_040312	EPA 5030B/8260	MSV/6764		
2511542013	Trip Blank #4	EPA 5030B/8260	MSV/6764		
2511542001	SUP_MW_4_040212	NWTPH-Gx	MSV/6765		
2511542002	SUP_MW_3_040212	NWTPH-Gx	MSV/6765		
2511542003	Trip Blank #3	NWTPH-Gx	MSV/6765		
2511542004	SUP_MW_1_040212	NWTPH-Gx	MSV/6765		
2511542005	SUP_MW_2_040212	NWTPH-Gx	MSV/6765		
2511542006	SUP_MW_DUP_040212	NWTPH-Gx	MSV/6765		
2511542007	Trip Blank #2	NWTPH-Gx	MSV/6765		
2511542008	SUP_MW_5_040312	NWTPH-Gx	MSV/6765		
2511542009	SUP_MW_6_040312	NWTPH-Gx	MSV/6765		
2511542010	Trip Blank #1	NWTPH-Gx	MSV/6765		
2511542011	SUP_MW_7_040312	NWTPH-Gx	MSV/6765		
2511542012	SUP_MW_EQUIP_040312	NWTPH-Gx	MSV/6765		
2511542013	Trip Blank #4	NWTPH-Gx	MSV/6765		
2511542001	SUP_MW_4_040212	SM 2540C	WET/3592		
2511542002	SUP_MW_3_040212	SM 2540C	WET/3592		
2511542004	SUP_MW_1_040212	SM 2540C	WET/3592		
2511542005	SUP_MW_2_040212	SM 2540C	WET/3592		
2511542006	SUP_MW_DUP_040212	SM 2540C	WET/3592		
2511542008	SUP_MW_5_040312	SM 2540C	WET/3592		
2511542009	SUP_MW_6_040312	SM 2540C	WET/3592		
2511542011	SUP_MW_7_040312	SM 2540C	WET/3592		
2511542012	SUP_MW_EQUIP_040312	SM 2540C	WET/3592		

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: September 28, 2012
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 2512829
Sample Date(s): July 5, 2012 through July 6, 2012

This review summarizes the data quality of analytical results generated in support of the July 6th and 7th, 2012 Remedial Investigation sampling event for the Superlon Plastics Site in Tacoma, Washington. This review summarizes the data quality in sample delivery group 2512829.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2012. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. Revision 3 September 2012.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2512829



Delivery Group Summary

Seven groundwater samples, one groundwater duplicate, one equipment blank, and four trip blanks were collected by Pacific Environmental Redevelopment Corporation on July 5th and 6th, 2012. Samples were hand delivered to Pace Analytical Services in Seattle, Washington on July 6th, 2012 by a Pace representative. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), total and dissolved mercury, diesel range organics, gasoline range organics, semivolatile organic compounds (pentachlorophenol only), volatile organic compounds (VOCs), total dissolved solids, and salinity by methods 6010, 7470, NWTPH-Dx, NWTPH-Gx, 8270, 8260, 2540C and 2520B, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 – None of the results were qualified.
- Total and dissolved mercury results by method 7470 – 100% of the results were qualified.
- Pentachlorophenol results by method 8270 – None of the results were qualified.
- VOC results by method 8260 – 1.3% of the results were qualified.
- Diesel range organic results by method NWTPH-Dx – 50% of the results were qualified.
- Gasoline range organic results by method NWTPH-Gx – None of the results were qualified.
- Total dissolved solid results by method 2540C – 100% of the results were qualified.
- Salinity results by method 2520B – None of the results were qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:		
Collected by the Field Crew		Provided by the Laboratory
Groundwater= 7 Samples (1 duplicate)	Equipment Blank = 1 Sample	Trip Blank (Groundwater)= 4 Sample
6010 Total Metals (As, Pb, Cd)	6010 Total Metals (As, Pb, Cd)	NWTPH-Gx
6010 Dissolved Metals (As, Pb, Cd)	6010 Dissolved Metals (As, Pb, Cd)	8260 VOCs
7470 Total Mercury	7470 Total Mercury	
7470 Dissolved Mercury	7470 Dissolved Mercury	
8270 Pentachlorophenol Only	8270 Pentachlorophenol Only	
8260 VOCs	8260 VOCs	
NWTPH-Dx	NWTPH-Dx	
NWTPH-Gx	NWTPH-Gx	
2540C Total Dissolved Solids	2540C Total Dissolved Solids	
2520B Salinity	2520B Salinity	

Representativeness

Holding Time:

All samples were extracted and analyzed within the required holding time as specified in the Sap & QAPP.

Action: No action was taken based on the evaluation of holding times.

Accuracy

Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes/Methods Associated with Surrogate	Comment
SUP_MW_3_070512	2512829002	Terphenyl-d14	32	38-121	Low	Base/Neutral	Pentachlorophenol	Results not qualified since there is only one SVOC fraction with a low recovery.



Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes/Methods Associated with Surrogate	Comment
Not Applicable	122313	Terphenyl-d14	146	38-121	High	Base/Neutral	Pentachlorophenol	Results not qualified since there is only one SVOC fraction with a high recovery.

Representativeness

Blanks:

As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. Equipment blanks were not prepared and analyzed at the required frequency of one every 20 samples or a minimum of one per day per matrix. All samples were transported via four coolers with the trip blanks.

The following analytes were detected in the method, trip, or equipment blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
Trip Blank 1	Trip Blank	SUP_MW_4_070512	2512829001	Bromomethane	0.19 J	ug/L
		SUP_MW_3_070512	2512829002	Methylene chloride	1.9 J	ug/L
Trip Blank 2	Trip Blank	SUP_MW_1_070512	2512829003	Acetone	1.2 J	ug/L
		SUP_MW_EQUIP_070512	2512829004	Methylene chloride	1.9 J	ug/L
		SUP_MW_2_070512	2512829005			
Trip Blank 3	Trip Blank	SUP_MW_6_070512	2512829008	Methylene chloride	1.8 J	ug/L
		SUP_MW_7_070612	2512829009			
Trip Blank 4	Trip Blank	SUP_MW_5_070612	2512829006	Methylene chloride	2.0 J	ug/L
		SUP_MW_5_070612_9	2512829007			
122203	Method Blank	SUP_MW_4_070512	2512829001	1,2,4-Trimethylbenzene	0.15 J	ug/L
		SUP_MW_3_070512	2512829002	Acetone	3.4 J	ug/L
		SUP_MW_1_070512	2512829003	Bromomethane	0.19 J	ug/L
		SUP_MW_EQUIP_070512	2512829004	Methylene chloride	0.77 J	ug/L
		SUP_MW_2_070512	2512829005	n-Butylbenzene	0.15 J	ug/L
		SUP_MW_5_070612	2512829006			
		SUP_MW_5_070612_9	2512829007			
		SUP_MW_6_070612	2512829008			
122325	Method Blank	SUP_MW_4_070512	2512829001	Total Dissolved Solids	2.0 J	mg/L
		SUP_MW_3_070512	2512829002			
		SUP_MW_1_070512	2512829003			
		SUP_MW_EQUIP_070512	2512829004			
		SUP_MW_2_070512	2512829005			
		SUP_MW_5_070612	2512829006			
		SUP_MW_5_070612_9	2512829007			
		SUP_MW_6_070612	2512829008			
SUP_MW_7_070612	2512829009					



The following analytes were detected in the method, trip, or equipment blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
SUP_MW_E QUIP_0705 12	Equipment Blank	(See Additional Comment Section)	(See Additional Comment Section)	Arsenic	0.0095 J	mg/L
				Lead	0.014	mg/L
				Arsenic, Dissolved	0.0073 J	mg/L
				Lead, Dissolved	0.0024 J	mg/L
				Bromodichloromethane	2.0	ug/L
				Bromoform	2.5	ug/L
				Chloroform	1.2	ug/L
				Dibromochloromethane	2.1	ug/L
				Toluene	0.12 J	ug/L
				Total Dissolved Solids	155	mg/L
Salinity	100	mg/L				

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is less than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.

Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Sample Result	Blank Result	Unit	Blank ID	Associated Blank Type/Comment
Analyte:	1,2,4-Trimethylbenzene					
SUP_MW_1_070512	2512829003	0.20 J	0.15 J	ug/L	122203	Method Blank
Analyte:	Acetone					
SUP_MW_4_070512	2512829001	7.0	3.4 J	ug/L	122203	Method Blank
SUP_MW_3_070512	2512829002	5.1				
SUP_MW_1_070512	2512829003	2.2 J				
Analyte:	Bromomethane					
SUP_MW_4_070512	2512829001	0.12 J	0.19 J	ug/L	122203	Method Blank
SUP_MW_3_070512	2512829002	0.12 J				
SUP_MW_5_070612_9	2512829007	0.23 J				
SUP_MW_6_070612	2512829008	0.13 J				



Action: The following sample results were qualified due to the evaluation of blanks:

Field ID	Lab ID	Sample Result	Blank Result	Unit	Blank ID	Associated Blank Type/Comment
Analyte:	Total Dissolved Solids					
SUP_MW_4_070512	2512829001	2600	2.0 J	mg/L	122325	Method Blank
SUP_MW_3_070512	2512829002	2640				
SUP_MW_1_070512	2512829003	1890				
SUP_MW_EQUIP_070512	2512829004	155				
SUP_MW_2_070512	2512829005	606				
SUP_MW_5_070612	2512829006	2330				
SUP_MW_5_070612_9	2512829007	2280				
SUP_MW_6_070612	2512829008	1910				
SUP_MW_7_070612	2512829009	1510				

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one with each extraction batch for method NWTPH-Dx. There was also no MS/MSD prepared and analyzed for method 2540C and 2520B.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).

Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_4_070512	2512829001	121910	Mercury	72/73	75-125	0.9	20	Low	Qualified based on criteria 2c and 2d.
SUP_MW_3_070512	2512829002								
SUP_MW_1_070512	2512829003								
SUP_MW_EQUIP_070512	2512829004								
SUP_MW_2_070512	2512829005								
SUP_MW_5_070612	2512829006								
SUP_MW_5_070612_9	2512829007								
SUP_MW_6_070612	2512829008								
SUP_MW_7_070612	2512829009								



Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec MS/MSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_4_070512 SUP_MW_3_070512 SUP_MW_1_070512 SUP_MW_EQUIP_070512 SUP_MW_2_070512 SUP_MW_5_070612 SUP_MW_5_070612_9 SUP_MW_6_070612 SUP_MW_7_070612	2512829001 2512829002 2512829003 2512829004 2512829005 2512829006 2512829007 2512829008 2512829009	121914	Mercury, Dissolved	73/73	75-125	0.4	20	Low	Qualified based on criteria 2c and 2d.
SUP_MW_4_070512 SUP_MW_3_070512 SUP_MW_1_070512 SUP_MW_EQUIP_070512 SUP_MW_2_070512 SUP_MW_5_070612 SUP_MW_5_070612_9 SUP_MW_6_070612 SUP_MW_7_070612	2512829001 2512829002 2512829003 2512829004 2512829005 2512829006 2512829007 2512829008 2512829009	122205	Cis-1,2- dichloro- ethene	123/117	70-120	5	30	High	Results not qualified based on criteria 1a.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one per 20 samples for method 6010 and 8260, one per 10 samples for method 8270, and one pair per extraction for method NWTPH-Dx. A LCSD was not prepared and analyzed for method 2540C and 2520B.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the



- data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
 - iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
 - iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	Quality Control Sample	Analyte	% Rec LCS/LCSD	QC Limit	RPD	Max RPD	Bias	Comment
SUP_MW_4_070512	2512829001	123159	Motor Oil Range SG	100	61-98	-	-	High	Qualified based on criteria 1c.
SUP_MW_3_070512	2512829002								
SUP_MW_1_070512	2512829003								
SUP_MW_EQUIP_070512	2512829004								
SUP_MW_2_070512	2512829005								
SUP_MW_5_070612	2512829006								
SUP_MW_5_070612_9	2512829007								
SUP_MW_6_070612	2512829008								
SUP_MW_7_070612	2512829009								

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were prepared and analyzed at the required frequency. Sample SUP_MW_5_070612_9 was collected as a field duplicate and is associated with SUP_MW_5_070612.

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	SUP_MW_5_070612 (Lab ID - 2512829006)	SUP_MW_5_070612_9 (Lab ID - 2512829007)		
Diesel Range SG	0.039	ND (DL of 0.039)	mg/L	0
Arsenic	1.4	1.4	mg/L	0
Cadmium	0.021	0.022	mg/L	5
Arsenic, Dissolved	0.52	0.50	mg/L	4
Cadmium, Dissolved	0.0097	0.0092	mg/L	5
Total Dissolved Solids	2330	2280	mg/L	2
Bromomethane	ND (DL of 0.10)	0.23	ug/L	79
Salinity	1,730	1,730	mg/L	0

Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

No discrepancies were noted concerning sample receipt or delivery. The samples arrived in good condition, preserved correctly, and were on ice. Cooler custody seals were used. The temperature of the delivery coolers were recorded at 9.3, 6.0, 1.3 and 1.1 °C. The first cooler exceeded the required temperature range. The rest of the coolers were within the required



temperature. Since the samples were delivered on ice the same day of collection, or kept on ice over-night, no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

One equipment blank was collected for this sampling event, SUP_MW_EQUIP_070512 (2512829004), and all groundwater samples collected for this event were assumed to be associated with this equipment blank. However, it was found that distilled water instead of deionized water was used to collect the equipment blank and for decontaminating equipment between sample collection. Decontamination procedures, the use of distilled water, and the effects of both on the field samples are unknown. Purging of the well prior to collection of the groundwater samples may or may not have rinsed-out contaminants potentially left behind on the equipment from the distilled water. Since the technical implications of using distilled water are unable to be quantified based on the data collected, additional qualification of the data based on the equipment blank was not performed.

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Forty-four (44) sample results were qualified (see Attachment 1).
- Five detected sample results were qualified as estimated (J) due to MS/MSD recoveries that exceeded control limits.
- Twenty-two nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits, or MS/MSD recoveries that exceeded control limits.
- Nine detected sample results were qualified (B) and 8 detected sample results were qualified as nondetected (UB) due to method blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2512829

Laboratory Results										Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	Analyte	Reporting Limit	Detection Limit	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_MW_4_070512	2512829001	EPA 5030B/8260	Water	Acetone	5.0	1.0	7.0	ug/L		UB	Method Blank Contamination
SUP_MW_4_070512	2512829001	EPA 5030B/8260	Water	Bromomethane	1.0	0.10	0.12	ug/L	J	UB	Method Blank Contamination
SUP_MW_3_070512	2512829002	EPA 5030B/8260	Water	Acetone	5.0	1.0	5.1	ug/L		UB	Method Blank Contamination
SUP_MW_3_070512	2512829002	EPA 5030B/8260	Water	Bromomethane	1.0	0.10	0.12	ug/L	J	UB	Method Blank Contamination
SUP_MW_1_070512	2512829003	EPA 5030B/8260	Water	1,2,4-Trimethylbenzene	1.0	0.10	0.20	ug/L	J	UB	Method Blank Contamination
SUP_MW_1_070512	2512829003	EPA 5030B/8260	Water	Acetone	5.0	1.0	2.2	ug/L	J	UB	Method Blank Contamination
SUP_MW_5_070612_9	2512829007	EPA 5030B/8260	Water	Bromomethane	1.0	0.10	0.23	ug/L	J	UB	Method Blank Contamination
SUP_MW_6_070612	2512829008	EPA 5030B/8260	Water	Bromomethane	1.0	0.10	0.13	ug/L	J	UB	Method Blank Contamination
SUP_MW_4_070512	2512829001	EPA 7470	Water	Mercury	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_4_070512	2512829001	EPA 7470	Water	Mercury, Dissolved	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_3_070512	2512829002	EPA 7470	Water	Mercury	0.00020	0.000010	0.00048	mg/L		J	MS/MSD Recoveries Exceed Control Limits
SUP_MW_3_070512	2512829002	EPA 7470	Water	Mercury, Dissolved	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_1_070512	2512829003	EPA 7470	Water	Mercury	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_1_070512	2512829003	EPA 7470	Water	Mercury, Dissolved	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_EQUIP_070512	2512829004	EPA 7470	Water	Mercury	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_EQUIP_070512	2512829004	EPA 7470	Water	Mercury, Dissolved	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_2_070512	2512829005	EPA 7470	Water	Mercury	0.00020	0.000010	0.000012	mg/L	J	J	MS/MSD Recoveries Exceed Control Limits
SUP_MW_2_070512	2512829005	EPA 7470	Water	Mercury, Dissolved	0.00020	0.000010	0.000011	mg/L	J	J	MS/MSD Recoveries Exceed Control Limits
SUP_MW_5_070612	2512829006	EPA 7470	Water	Mercury	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_5_070612	2512829006	EPA 7470	Water	Mercury, Dissolved	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_5_070612_9	2512829007	EPA 7470	Water	Mercury	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_5_070612_9	2512829007	EPA 7470	Water	Mercury, Dissolved	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_6_070612	2512829008	EPA 7470	Water	Mercury	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_6_070612	2512829008	EPA 7470	Water	Mercury, Dissolved	0.00020	0.000010	0.000013	mg/L	J	J	MS/MSD Recoveries Exceed Control Limits
SUP_MW_7_070612	2512829009	EPA 7470	Water	Mercury	0.00020	0.000010		mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
SUP_MW_7_070612	2512829009	EPA 7470	Water	Mercury, Dissolved	0.00020	0.000010	0.000016	mg/L	J	J	MS/MSD Recoveries Exceed Control Limits
SUP_MW_4_070512	2512829001	NWTPH-Dx	Water	Motor Oil Range SG	0.39	0.19		mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_3_070512	2512829002	NWTPH-Dx	Water	Motor Oil Range SG	0.39	0.19		mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_1_070512	2512829003	NWTPH-Dx	Water	Motor Oil Range SG	0.38	0.19		mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_EQUIP_070512	2512829004	NWTPH-Dx	Water	Motor Oil Range SG	0.41	0.20		mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_2_070512	2512829005	NWTPH-Dx	Water	Motor Oil Range SG	0.38	0.19		mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_5_070612	2512829006	NWTPH-Dx	Water	Motor Oil Range SG	0.38	0.19		mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_5_070612_9	2512829007	NWTPH-Dx	Water	Motor Oil Range SG	0.39	0.20		mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_6_070612	2512829008	NWTPH-Dx	Water	Motor Oil Range SG	0.39	0.19		mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_7_070612	2512829009	NWTPH-Dx	Water	Motor Oil Range SG	0.38	0.19		mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
SUP_MW_4_070512	2512829001	SM 2540C	Water	Total Dissolved Solids	20.0	4.0	2600	mg/L		B	Method Blank Contamination
SUP_MW_3_070512	2512829002	SM 2540C	Water	Total Dissolved Solids	20.0	4.0	2640	mg/L		B	Method Blank Contamination
SUP_MW_1_070512	2512829003	SM 2540C	Water	Total Dissolved Solids	20.0	4.0	1890	mg/L		B	Method Blank Contamination
SUP_MW_EQUIP_070512	2512829004	SM 2540C	Water	Total Dissolved Solids	5.0	1.0	155	mg/L		B	Method Blank Contamination
SUP_MW_2_070512	2512829005	SM 2540C	Water	Total Dissolved Solids	10.0	2.0	606	mg/L		B	Method Blank Contamination
SUP_MW_5_070612	2512829006	SM 2540C	Water	Total Dissolved Solids	20.0	4.0	2330	mg/L		B	Method Blank Contamination
SUP_MW_5_070612_9	2512829007	SM 2540C	Water	Total Dissolved Solids	20.0	4.0	2280	mg/L		B	Method Blank Contamination
SUP_MW_6_070612	2512829008	SM 2540C	Water	Total Dissolved Solids	20.0	4.0	1910	mg/L		B	Method Blank Contamination
SUP_MW_7_070612	2512829009	SM 2540C	Water	Total Dissolved Solids	20.0	4.0	1510	mg/L		B	Method Blank Contamination

September 07, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon
Pace Project No.: 2512829

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on July 06, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

Ammended report, REV-1 09/07/2012. This report has been revised at the client's request to correctly report the acid surrogates.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Karen Jang

karen.jang@pacelabs.com
Project Manager

Enclosures

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon

Pace Project No.: 2512829

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 2512829

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2512829001	SUP_MW_4_070512	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		2512829002	SUP_MW_3_070512	NWTPH-Dx	AY1
EPA 6010	BGA			3	PASI-S
EPA 6010	BGA			3	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 8270	ERB			7	PASI-S
EPA 5030B/8260	BAG			71	PASI-S
NWTPH-Gx	BAG			2	PASI-S
2512829003	SUP_MW_1_070512	SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	BAG	71	PASI-S
2512829004	SUP_MW_EQUIP_070512	NWTPH-Gx	BAG	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
2512829005	SUP_MW_2_070512	EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		NWTPH-Dx	AY1	4	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 2512829

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2512829006	SUP_MW_5_070612	EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
2512829007	SUP_MW_5_070612_9	EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		2512829008	SUP_MW_6_070612	EPA 6010	BGA
EPA 6010	BGA			3	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 8270	ERB			7	PASI-S
EPA 5030B/8260	BAG			71	PASI-S
NWTPH-Gx	BAG			2	PASI-S
SM 2540C	KMT			1	PASI-S
NWTPH-Dx	AY1			4	PASI-S
EPA 6010	BGA			3	PASI-S
EPA 6010	BGA			3	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 7470	BGA			1	PASI-S
EPA 8270	ERB			7	PASI-S
2512829009	SUP_MW_7_070612	EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
		SM 2540C	KMT	1	PASI-S
		NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon
Pace Project No.: 2512829

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 8270	ERB	7	PASI-S
		EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
		SM 2540C	KMT	1	PASI-S
2512829010	Trip Blank 1	EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
2512829011	Trip Blank 2	EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
2512829012	Trip Blank 3	EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S
2512829013	Trip Blank 4	EPA 5030B/8260	BAG	71	PASI-S
		NWTPH-Gx	BAG	2	PASI-S

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_4_070512	Lab ID: 2512829001	Collected: 07/05/12 10:15	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel								
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Diesel Range SG	ND mg/L		0.078	1	07/18/12 11:30	07/19/12 21:41		
Motor Oil Range SG	ND mg/L		0.39	1	07/18/12 11:30	07/19/12 21:41	64742-65-0	
Surrogates								
n-Octacosane (S) SG	97 %		50-150	1	07/18/12 11:30	07/19/12 21:41	630-02-4	
o-Terphenyl (S) SG	92 %		50-150	1	07/18/12 11:30	07/19/12 21:41	84-15-1	
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	0.016 mg/L		0.010	1	07/13/12 10:00	07/17/12 13:23	7440-38-2	
Cadmium	ND mg/L		0.0050	1	07/13/12 10:00	07/17/12 13:23	7440-43-9	
Lead	ND mg/L		0.010	1	07/13/12 10:00	07/17/12 13:23	7439-92-1	
6010 MET ICP, Dissolved (LF)								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic, Dissolved	0.0069J mg/L		0.020	1	07/18/12 10:25	07/19/12 11:14	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	1	07/18/12 10:25	07/19/12 11:14	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	1	07/18/12 10:25	07/19/12 11:14	7439-92-1	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 10:29	7439-97-6	
7470 Mercury, Dissolved (LF)								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 11:06	7439-97-6	
8270 MSSV Semivolatile Organic								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Pentachlorophenol	ND ug/L		4.8	1	07/12/12 09:40	07/13/12 17:32	87-86-5	
Surrogates								
Nitrobenzene-d5 (S)	86 %		29-122	1	07/12/12 09:40	07/13/12 17:32	4165-60-0	
2-Fluorobiphenyl (S)	79 %		30-110	1	07/12/12 09:40	07/13/12 17:32	321-60-8	
Terphenyl-d14 (S)	74 %		38-121	1	07/12/12 09:40	07/13/12 17:32	1718-51-0	
Phenol-d6 (S)	31 %		10-110	1	07/12/12 09:40	07/13/12 17:32	13127-88-3	
2-Fluorophenol (S)	41 %		12-110	1	07/12/12 09:40	07/13/12 17:32	367-12-4	
2,4,6-Tribromophenol (S)	101 %		30-126	1	07/12/12 09:40	07/13/12 17:32	118-79-6	
8260 MSV								
Analytical Method: EPA 5030B/8260								
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 17:33	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 17:33	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 17:33	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 17:33	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 17:33	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 17:33	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 17:33	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 17:33	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 17:33	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 17:33	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 17:33	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 17:33	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 17:33	106-93-4	

Date: 09/07/2012 08:15 AM

REPORT OF LABORATORY ANALYSIS

Page 6 of 51

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_4_070512	Lab ID: 2512829001	Collected: 07/05/12 10:15	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 17:33	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/11/12 17:33	107-06-2	
1,2-Dichloroethene (Total)	0.57J	ug/L	2.0	1		07/11/12 17:33	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 17:33	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		07/11/12 17:33	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 17:33	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/11/12 17:33	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 17:33	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 17:33	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/11/12 17:33	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 17:33	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		07/11/12 17:33	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 17:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/11/12 17:33	108-10-1	
Acetone	7.0	ug/L	5.0	1		07/11/12 17:33	67-64-1	B
Benzene	ND	ug/L	1.0	1		07/11/12 17:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/11/12 17:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/11/12 17:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/11/12 17:33	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/11/12 17:33	75-25-2	
Bromomethane	0.12J	ug/L	1.0	1		07/11/12 17:33	74-83-9	B
Carbon disulfide	0.31J	ug/L	1.0	1		07/11/12 17:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		07/11/12 17:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/11/12 17:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/11/12 17:33	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/11/12 17:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/11/12 17:33	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		07/11/12 17:33	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		07/11/12 17:33	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/11/12 17:33	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		07/11/12 17:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/11/12 17:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		07/11/12 17:33	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/11/12 17:33	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		07/11/12 17:33	75-09-2	
Naphthalene	ND	ug/L	1.0	1		07/11/12 17:33	91-20-3	
Styrene	ND	ug/L	1.0	1		07/11/12 17:33	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/11/12 17:33	127-18-4	
Toluene	ND	ug/L	1.0	1		07/11/12 17:33	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		07/11/12 17:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/11/12 17:33	75-69-4	
Vinyl chloride	0.78J	ug/L	1.0	1		07/11/12 17:33	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		07/11/12 17:33	1330-20-7	
cis-1,2-Dichloroethene	0.57J	ug/L	1.0	1		07/11/12 17:33	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 17:33	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		07/11/12 17:33	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		07/11/12 17:33	104-51-8	

Date: 09/07/2012 08:15 AM

REPORT OF LABORATORY ANALYSIS

Page 7 of 51

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_4_070512	Lab ID: 2512829001	Collected: 07/05/12 10:15	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 17:33	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 17:33	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 17:33	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 17:33	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 17:33	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 17:33	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 17:33	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	111 %		79-121	1		07/11/12 17:33	460-00-4	
Dibromofluoromethane (S)	97 %		81-119	1		07/11/12 17:33	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		72-127	1		07/11/12 17:33	17060-07-0	
Toluene-d8 (S)	102 %		77-120	1		07/11/12 17:33	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 17:33		
Surrogates								
4-Bromofluorobenzene (S)	111 %		50-150	1		07/11/12 17:33	460-00-4	
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	2600 mg/L		20.0	1		07/12/12 15:53		B

Sample: SUP_MW_3_070512	Lab ID: 2512829002	Collected: 07/05/12 11:45	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Range SG	ND mg/L		0.078	1	07/18/12 11:30	07/19/12 22:16		
Motor Oil Range SG	ND mg/L		0.39	1	07/18/12 11:30	07/19/12 22:16	64742-65-0	
Surrogates								
n-Octacosane (S) SG	78 %		50-150	1	07/18/12 11:30	07/19/12 22:16	630-02-4	
o-Terphenyl (S) SG	73 %		50-150	1	07/18/12 11:30	07/19/12 22:16	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic	7.2 mg/L		0.010	1	07/13/12 10:00	07/17/12 13:34	7440-38-2	
Cadmium	0.11 mg/L		0.0050	1	07/13/12 10:00	07/17/12 13:34	7440-43-9	
Lead	2.0 mg/L		0.010	1	07/13/12 10:00	07/17/12 13:34	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic, Dissolved	4.9 mg/L		0.020	1	07/18/12 10:25	07/19/12 11:33	7440-38-2	
Cadmium, Dissolved	0.088 mg/L		0.0050	1	07/18/12 10:25	07/19/12 11:33	7440-43-9	
Lead, Dissolved	0.034 mg/L		0.010	1	07/18/12 10:25	07/19/12 11:33	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury	0.00048 mg/L		0.00020	1	07/10/12 10:45	07/11/12 10:41	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_3_070512	Lab ID: 2512829002	Collected: 07/05/12 11:45	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, Dissolved (LF)								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 11:13	7439-97-6	
8270 MSSV Semivolatile Organic								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Pentachlorophenol	ND ug/L		4.8	1	07/12/12 09:40	07/13/12 18:38	87-86-5	
Surrogates								
Nitrobenzene-d5 (S)	69 %		29-122	1	07/12/12 09:40	07/13/12 18:38	4165-60-0	
2-Fluorobiphenyl (S)	50 %		30-110	1	07/12/12 09:40	07/13/12 18:38	321-60-8	
Terphenyl-d14 (S)	32 %		38-121	1	07/12/12 09:40	07/13/12 18:38	1718-51-0	S6
Phenol-d6 (S)	28 %		10-110	1	07/12/12 09:40	07/13/12 18:38	13127-88-3	
2-Fluorophenol (S)	38 %		12-110	1	07/12/12 09:40	07/13/12 18:38	367-12-4	
2,4,6-Tribromophenol (S)	100 %		30-126	1	07/12/12 09:40	07/13/12 18:38	118-79-6	
8260 MSV								
Analytical Method: EPA 5030B/8260								
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 17:50	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 17:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 17:50	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 17:50	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 17:50	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 17:50	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 17:50	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 17:50	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 17:50	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 17:50	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 17:50	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 17:50	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 17:50	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 17:50	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	1		07/11/12 17:50	107-06-2	
1,2-Dichloroethene (Total)	0.46J ug/L		2.0	1		07/11/12 17:50	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 17:50	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 17:50	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 17:50	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	1		07/11/12 17:50	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 17:50	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 17:50	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1		07/11/12 17:50	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	1		07/11/12 17:50	95-49-8	
2-Hexanone	ND ug/L		5.0	1		07/11/12 17:50	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	1		07/11/12 17:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		07/11/12 17:50	108-10-1	
Acetone	5.1 ug/L		5.0	1		07/11/12 17:50	67-64-1	B
Benzene	ND ug/L		1.0	1		07/11/12 17:50	71-43-2	
Bromobenzene	ND ug/L		1.0	1		07/11/12 17:50	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		07/11/12 17:50	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		07/11/12 17:50	75-27-4	
Bromoform	ND ug/L		1.0	1		07/11/12 17:50	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Sample Project No.: 2512829

Sample: SUP_MW_3_070512	Lab ID: 2512829002	Collected: 07/05/12 11:45	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Bromomethane	0.12J ug/L		1.0	1		07/11/12 17:50	74-83-9	B
Carbon disulfide	0.58J ug/L		1.0	1		07/11/12 17:50	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		07/11/12 17:50	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		07/11/12 17:50	108-90-7	
Chloroethane	ND ug/L		1.0	1		07/11/12 17:50	75-00-3	
Chloroform	ND ug/L		1.0	1		07/11/12 17:50	67-66-3	
Chloromethane	ND ug/L		1.0	1		07/11/12 17:50	74-87-3	
Dibromochloromethane	ND ug/L		1.0	1		07/11/12 17:50	124-48-1	
Dibromomethane	ND ug/L		1.0	1		07/11/12 17:50	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	1		07/11/12 17:50	75-71-8	
Ethylbenzene	ND ug/L		1.0	1		07/11/12 17:50	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		07/11/12 17:50	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		07/11/12 17:50	98-82-8	
Methyl-tert-butyl ether	ND ug/L		1.0	1		07/11/12 17:50	1634-04-4	
Methylene chloride	ND ug/L		5.0	1		07/11/12 17:50	75-09-2	
Naphthalene	ND ug/L		1.0	1		07/11/12 17:50	91-20-3	
Styrene	ND ug/L		1.0	1		07/11/12 17:50	100-42-5	
Tetrachloroethene	ND ug/L		1.0	1		07/11/12 17:50	127-18-4	
Toluene	ND ug/L		1.0	1		07/11/12 17:50	108-88-3	
Trichloroethene	ND ug/L		1.0	1		07/11/12 17:50	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		07/11/12 17:50	75-69-4	
Vinyl chloride	1.2 ug/L		0.20	1		07/11/12 17:50	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		07/11/12 17:50	1330-20-7	
cis-1,2-Dichloroethene	0.46J ug/L		1.0	1		07/11/12 17:50	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 17:50	10061-01-5	
m&p-Xylene	ND ug/L		2.0	1		07/11/12 17:50	179601-23-1	
n-Butylbenzene	ND ug/L		1.0	1		07/11/12 17:50	104-51-8	
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 17:50	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 17:50	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 17:50	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 17:50	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 17:50	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 17:50	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 17:50	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	112 %		79-121	1		07/11/12 17:50	460-00-4	
Dibromofluoromethane (S)	96 %		81-119	1		07/11/12 17:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		72-127	1		07/11/12 17:50	17060-07-0	
Toluene-d8 (S)	102 %		77-120	1		07/11/12 17:50	2037-26-5	

NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 17:50		
Surrogates								
4-Bromofluorobenzene (S)	112 %		50-150	1		07/11/12 17:50	460-00-4	

2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	2640 mg/L		20.0	1		07/12/12 15:54		B

Date: 09/07/2012 08:15 AM

REPORT OF LABORATORY ANALYSIS

Page 10 of 51

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2512829

Sample: SUP_MW_1_070512	Lab ID: 2512829003	Collected: 07/05/12 13:45	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel								
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Diesel Range SG	0.041J mg/L		0.077	1	07/18/12 11:30	07/19/12 22:34		
Motor Oil Range SG	ND mg/L		0.38	1	07/18/12 11:30	07/19/12 22:34	64742-65-0	
Surrogates								
n-Octacosane (S) SG	97 %		50-150	1	07/18/12 11:30	07/19/12 22:34	630-02-4	
o-Terphenyl (S) SG	91 %		50-150	1	07/18/12 11:30	07/19/12 22:34	84-15-1	
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	0.039 mg/L		0.010	1	07/13/12 10:00	07/17/12 13:38	7440-38-2	
Cadmium	ND mg/L		0.0050	1	07/13/12 10:00	07/17/12 13:38	7440-43-9	
Lead	0.0045J mg/L		0.010	1	07/13/12 10:00	07/17/12 13:38	7439-92-1	
6010 MET ICP, Dissolved (LF)								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic, Dissolved	0.0071J mg/L		0.020	1	07/18/12 10:25	07/19/12 11:37	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	1	07/18/12 10:25	07/19/12 11:37	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	1	07/18/12 10:25	07/19/12 11:37	7439-92-1	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 10:43	7439-97-6	
7470 Mercury, Dissolved (LF)								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 11:15	7439-97-6	
8270 MSSV Semivolatile Organic								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Pentachlorophenol	ND ug/L		4.8	1	07/12/12 09:40	07/13/12 19:01	87-86-5	
Surrogates								
Nitrobenzene-d5 (S)	84 %		29-122	1	07/12/12 09:40	07/13/12 19:01	4165-60-0	
2-Fluorobiphenyl (S)	80 %		30-110	1	07/12/12 09:40	07/13/12 19:01	321-60-8	
Terphenyl-d14 (S)	82 %		38-121	1	07/12/12 09:40	07/13/12 19:01	1718-51-0	
Phenol-d6 (S)	31 %		10-110	1	07/12/12 09:40	07/13/12 19:01	13127-88-3	
2-Fluorophenol (S)	46 %		12-110	1	07/12/12 09:40	07/13/12 19:01	367-12-4	
2,4,6-Tribromophenol (S)	110 %		30-126	1	07/12/12 09:40	07/13/12 19:01	118-79-6	
8260 MSV								
Analytical Method: EPA 5030B/8260								
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 18:07	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 18:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 18:07	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 18:07	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 18:07	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:07	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:07	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 18:07	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 18:07	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 18:07	120-82-1	
1,2,4-Trimethylbenzene	0.20J ug/L		1.0	1		07/11/12 18:07	95-63-6	B
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 18:07	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 18:07	106-93-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_1_070512	Lab ID: 2512829003	Collected: 07/05/12 13:45	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 18:07	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/11/12 18:07	107-06-2	
1,2-Dichloroethene (Total)	0.47J	ug/L	2.0	1		07/11/12 18:07	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 18:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		07/11/12 18:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 18:07	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/11/12 18:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 18:07	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 18:07	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/11/12 18:07	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 18:07	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		07/11/12 18:07	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 18:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/11/12 18:07	108-10-1	
Acetone	2.2J	ug/L	5.0	1		07/11/12 18:07	67-64-1	B
Benzene	ND	ug/L	1.0	1		07/11/12 18:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/11/12 18:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/11/12 18:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/11/12 18:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/11/12 18:07	75-25-2	
Bromomethane	ND	ug/L	1.0	1		07/11/12 18:07	74-83-9	
Carbon disulfide	0.14J	ug/L	1.0	1		07/11/12 18:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		07/11/12 18:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/11/12 18:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/11/12 18:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/11/12 18:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/11/12 18:07	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		07/11/12 18:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		07/11/12 18:07	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/11/12 18:07	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		07/11/12 18:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/11/12 18:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		07/11/12 18:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/11/12 18:07	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		07/11/12 18:07	75-09-2	
Naphthalene	ND	ug/L	1.0	1		07/11/12 18:07	91-20-3	
Styrene	ND	ug/L	1.0	1		07/11/12 18:07	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/11/12 18:07	127-18-4	
Toluene	1.1	ug/L	1.0	1		07/11/12 18:07	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		07/11/12 18:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/11/12 18:07	75-69-4	
Vinyl chloride	ND	ug/L	0.20	1		07/11/12 18:07	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		07/11/12 18:07	1330-20-7	
cis-1,2-Dichloroethene	0.38J	ug/L	1.0	1		07/11/12 18:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 18:07	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		07/11/12 18:07	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		07/11/12 18:07	104-51-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_1_070512		Lab ID: 2512829003	Collected: 07/05/12 13:45	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 18:07	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 18:07	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 18:07	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:07	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:07	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:07	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:07	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	110 %		79-121	1		07/11/12 18:07	460-00-4	
Dibromofluoromethane (S)	98 %		81-119	1		07/11/12 18:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	97 %		72-127	1		07/11/12 18:07	17060-07-0	
Toluene-d8 (S)	102 %		77-120	1		07/11/12 18:07	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 18:07		
Surrogates								
4-Bromofluorobenzene (S)	110 %		50-150	1		07/11/12 18:07	460-00-4	
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	1890 mg/L		20.0	1		07/12/12 15:54		B

Sample: SUP_MW_EQUIP_070512		Lab ID: 2512829004	Collected: 07/05/12 14:30	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Range SG	ND mg/L		0.082	1	07/18/12 11:30	07/19/12 22:51		
Motor Oil Range SG	ND mg/L		0.41	1	07/18/12 11:30	07/19/12 22:51	64742-65-0	
Surrogates								
n-Octacosane (S) SG	109 %		50-150	1	07/18/12 11:30	07/19/12 22:51	630-02-4	
o-Terphenyl (S) SG	102 %		50-150	1	07/18/12 11:30	07/19/12 22:51	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic	0.0095J mg/L		0.010	1	07/13/12 10:00	07/17/12 13:41	7440-38-2	
Cadmium	ND mg/L		0.0050	1	07/13/12 10:00	07/17/12 13:41	7440-43-9	
Lead	0.014 mg/L		0.010	1	07/13/12 10:00	07/17/12 13:41	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic, Dissolved	0.0073J mg/L		0.020	1	07/18/12 10:25	07/19/12 11:40	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	1	07/18/12 10:25	07/19/12 11:40	7440-43-9	
Lead, Dissolved	0.0024J mg/L		0.010	1	07/18/12 10:25	07/19/12 11:40	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 10:45	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample:	SUP_MW_EQUIP_070512	Lab ID:	2512829004	Collected:	07/05/12 14:30	Received:	07/06/12 13:00	Matrix:	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
7470 Mercury, Dissolved (LF)	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 11:17	7439-97-6		
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Pentachlorophenol	ND ug/L		4.8	1	07/12/12 09:40	07/13/12 19:23	87-86-5		
Surrogates									
Nitrobenzene-d5 (S)	90 %		29-122	1	07/12/12 09:40	07/13/12 19:23	4165-60-0		
2-Fluorobiphenyl (S)	89 %		30-110	1	07/12/12 09:40	07/13/12 19:23	321-60-8		
Terphenyl-d14 (S)	103 %		38-121	1	07/12/12 09:40	07/13/12 19:23	1718-51-0		
Phenol-d6 (S)	30 %		10-110	1	07/12/12 09:40	07/13/12 19:23	13127-88-3		
2-Fluorophenol (S)	45 %		12-110	1	07/12/12 09:40	07/13/12 19:23	367-12-4		
2,4,6-Tribromophenol (S)	111 %		30-126	1	07/12/12 09:40	07/13/12 19:23	118-79-6		
8260 MSV	Analytical Method: EPA 5030B/8260								
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 18:24	630-20-6		
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 18:24	71-55-6		
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 18:24	79-34-5		
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 18:24	79-00-5		
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 18:24	75-34-3		
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:24	75-35-4		
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:24	563-58-6		
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 18:24	87-61-6		
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 18:24	96-18-4		
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 18:24	120-82-1		
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 18:24	95-63-6		
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 18:24	96-12-8		
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 18:24	106-93-4		
1,2-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 18:24	95-50-1		
1,2-Dichloroethane	ND ug/L		1.0	1		07/11/12 18:24	107-06-2		
1,2-Dichloroethene (Total)	ND ug/L		2.0	1		07/11/12 18:24	540-59-0		
1,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 18:24	78-87-5		
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 18:24	108-67-8		
1,3-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 18:24	541-73-1		
1,3-Dichloropropane	ND ug/L		1.0	1		07/11/12 18:24	142-28-9		
1,4-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 18:24	106-46-7		
2,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 18:24	594-20-7		
2-Butanone (MEK)	ND ug/L		5.0	1		07/11/12 18:24	78-93-3		
2-Chlorotoluene	ND ug/L		1.0	1		07/11/12 18:24	95-49-8		
2-Hexanone	ND ug/L		5.0	1		07/11/12 18:24	591-78-6		
4-Chlorotoluene	ND ug/L		1.0	1		07/11/12 18:24	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		07/11/12 18:24	108-10-1		
Acetone	ND ug/L		5.0	1		07/11/12 18:24	67-64-1		
Benzene	ND ug/L		1.0	1		07/11/12 18:24	71-43-2		
Bromobenzene	ND ug/L		1.0	1		07/11/12 18:24	108-86-1		
Bromochloromethane	ND ug/L		1.0	1		07/11/12 18:24	74-97-5		
Bromodichloromethane	2.0 ug/L		1.0	1		07/11/12 18:24	75-27-4		
Bromoform	2.5 ug/L		1.0	1		07/11/12 18:24	75-25-2		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_EQUIP_070512	Lab ID: 2512829004	Collected: 07/05/12 14:30	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8260 MSV

Analytical Method: EPA 5030B/8260

Bromomethane	ND ug/L		1.0	1		07/11/12 18:24	74-83-9	
Carbon disulfide	ND ug/L		1.0	1		07/11/12 18:24	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		07/11/12 18:24	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		07/11/12 18:24	108-90-7	
Chloroethane	ND ug/L		1.0	1		07/11/12 18:24	75-00-3	
Chloroform	1.2 ug/L		1.0	1		07/11/12 18:24	67-66-3	
Chloromethane	ND ug/L		1.0	1		07/11/12 18:24	74-87-3	
Dibromochloromethane	2.1 ug/L		1.0	1		07/11/12 18:24	124-48-1	
Dibromomethane	ND ug/L		1.0	1		07/11/12 18:24	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	1		07/11/12 18:24	75-71-8	
Ethylbenzene	ND ug/L		1.0	1		07/11/12 18:24	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		07/11/12 18:24	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		07/11/12 18:24	98-82-8	
Methyl-tert-butyl ether	ND ug/L		1.0	1		07/11/12 18:24	1634-04-4	
Methylene chloride	ND ug/L		5.0	1		07/11/12 18:24	75-09-2	
Naphthalene	ND ug/L		1.0	1		07/11/12 18:24	91-20-3	
Styrene	ND ug/L		1.0	1		07/11/12 18:24	100-42-5	
Tetrachloroethene	ND ug/L		1.0	1		07/11/12 18:24	127-18-4	
Toluene	0.12J ug/L		1.0	1		07/11/12 18:24	108-88-3	
Trichloroethene	ND ug/L		1.0	1		07/11/12 18:24	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		07/11/12 18:24	75-69-4	
Vinyl chloride	ND ug/L		0.20	1		07/11/12 18:24	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		07/11/12 18:24	1330-20-7	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:24	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:24	10061-01-5	
m&p-Xylene	ND ug/L		2.0	1		07/11/12 18:24	179601-23-1	
n-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:24	104-51-8	
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 18:24	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 18:24	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 18:24	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:24	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:24	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:24	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:24	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	115 %		79-121	1		07/11/12 18:24	460-00-4	
Dibromofluoromethane (S)	97 %		81-119	1		07/11/12 18:24	1868-53-7	
1,2-Dichloroethane-d4 (S)	97 %		72-127	1		07/11/12 18:24	17060-07-0	
Toluene-d8 (S)	103 %		77-120	1		07/11/12 18:24	2037-26-5	

NWTPH-Gx MSV

Analytical Method: NWTPH-Gx

Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 18:24		
Surrogates								
4-Bromofluorobenzene (S)	115 %		50-150	1		07/11/12 18:24	460-00-4	

2540C Total Dissolved Solids

Analytical Method: SM 2540C

Total Dissolved Solids	155 mg/L		5.0	1		07/12/12 15:54		B
------------------------	----------	--	-----	---	--	----------------	--	---

Date: 09/07/2012 08:15 AM

REPORT OF LABORATORY ANALYSIS

Page 15 of 51

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_2_070512	Lab ID: 2512829005	Collected: 07/05/12 16:00	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel								
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Diesel Range SG	ND mg/L		0.077	1	07/18/12 11:30	07/19/12 23:08		
Motor Oil Range SG	ND mg/L		0.38	1	07/18/12 11:30	07/19/12 23:08	64742-65-0	
Surrogates								
n-Octacosane (S) SG	109 %		50-150	1	07/18/12 11:30	07/19/12 23:08	630-02-4	
o-Terphenyl (S) SG	100 %		50-150	1	07/18/12 11:30	07/19/12 23:08	84-15-1	
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	0.068 mg/L		0.010	1	07/13/12 10:00	07/17/12 13:45	7440-38-2	
Cadmium	0.00048J mg/L		0.0050	1	07/13/12 10:00	07/17/12 13:45	7440-43-9	
Lead	ND mg/L		0.010	1	07/13/12 10:00	07/17/12 13:45	7439-92-1	
6010 MET ICP, Dissolved (LF)								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic, Dissolved	0.0095J mg/L		0.020	1	07/18/12 10:25	07/19/12 11:44	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	1	07/18/12 10:25	07/19/12 11:44	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	1	07/18/12 10:25	07/19/12 11:44	7439-92-1	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	0.000012J mg/L		0.00020	1	07/10/12 10:45	07/11/12 10:47	7439-97-6	
7470 Mercury, Dissolved (LF)								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	0.000011J mg/L		0.00020	1	07/10/12 10:45	07/11/12 11:23	7439-97-6	
8270 MSSV Semivolatile Organic								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Pentachlorophenol	ND ug/L		4.8	1	07/12/12 09:40	07/13/12 19:45	87-86-5	
Surrogates								
Nitrobenzene-d5 (S)	78 %		29-122	1	07/12/12 09:40	07/13/12 19:45	4165-60-0	
2-Fluorobiphenyl (S)	76 %		30-110	1	07/12/12 09:40	07/13/12 19:45	321-60-8	
Terphenyl-d14 (S)	71 %		38-121	1	07/12/12 09:40	07/13/12 19:45	1718-51-0	
Phenol-d6 (S)	27 %		10-110	1	07/12/12 09:40	07/13/12 19:45	13127-88-3	
2-Fluorophenol (S)	41 %		12-110	1	07/12/12 09:40	07/13/12 19:45	367-12-4	
2,4,6-Tribromophenol (S)	98 %		30-126	1	07/12/12 09:40	07/13/12 19:45	118-79-6	
8260 MSV								
Analytical Method: EPA 5030B/8260								
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 18:41	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 18:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 18:41	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 18:41	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 18:41	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:41	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:41	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 18:41	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 18:41	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 18:41	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 18:41	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 18:41	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 18:41	106-93-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_2_070512 Lab ID: 2512829005 Collected: 07/05/12 16:00 Received: 07/06/12 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 18:41	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/11/12 18:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		07/11/12 18:41	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 18:41	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		07/11/12 18:41	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 18:41	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/11/12 18:41	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 18:41	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 18:41	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/11/12 18:41	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 18:41	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		07/11/12 18:41	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 18:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/11/12 18:41	108-10-1	
Acetone	ND	ug/L	5.0	1		07/11/12 18:41	67-64-1	
Benzene	ND	ug/L	1.0	1		07/11/12 18:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/11/12 18:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/11/12 18:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/11/12 18:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/11/12 18:41	75-25-2	
Bromomethane	ND	ug/L	1.0	1		07/11/12 18:41	74-83-9	
Carbon disulfide	0.10J	ug/L	1.0	1		07/11/12 18:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		07/11/12 18:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/11/12 18:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/11/12 18:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/11/12 18:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/11/12 18:41	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		07/11/12 18:41	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		07/11/12 18:41	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/11/12 18:41	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		07/11/12 18:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/11/12 18:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		07/11/12 18:41	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/11/12 18:41	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		07/11/12 18:41	75-09-2	
Naphthalene	ND	ug/L	1.0	1		07/11/12 18:41	91-20-3	
Styrene	ND	ug/L	1.0	1		07/11/12 18:41	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/11/12 18:41	127-18-4	
Toluene	ND	ug/L	1.0	1		07/11/12 18:41	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		07/11/12 18:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/11/12 18:41	75-69-4	
Vinyl chloride	ND	ug/L	0.20	1		07/11/12 18:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		07/11/12 18:41	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/11/12 18:41	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 18:41	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		07/11/12 18:41	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		07/11/12 18:41	104-51-8	

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2512829

Sample: SUP_MW_2_070512		Lab ID: 2512829005	Collected: 07/05/12 16:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 18:41	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 18:41	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 18:41	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:41	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:41	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:41	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:41	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	111 %		79-121	1		07/11/12 18:41	460-00-4	
Dibromofluoromethane (S)	97 %		81-119	1		07/11/12 18:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		72-127	1		07/11/12 18:41	17060-07-0	
Toluene-d8 (S)	104 %		77-120	1		07/11/12 18:41	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 18:41		
Surrogates								
4-Bromofluorobenzene (S)	111 %		50-150	1		07/11/12 18:41	460-00-4	
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	606 mg/L		10.0	1		07/12/12 15:55		B

Sample: SUP_MW_5_070612		Lab ID: 2512829006	Collected: 07/06/12 09:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Range SG	0.039J mg/L		0.077	1	07/18/12 11:30	07/19/12 23:26		
Motor Oil Range SG	ND mg/L		0.38	1	07/18/12 11:30	07/19/12 23:26	64742-65-0	
Surrogates								
n-Octacosane (S) SG	103 %		50-150	1	07/18/12 11:30	07/19/12 23:26	630-02-4	
o-Terphenyl (S) SG	96 %		50-150	1	07/18/12 11:30	07/19/12 23:26	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic	1.4 mg/L		0.010	1	07/13/12 10:00	07/17/12 13:49	7440-38-2	
Cadmium	0.021 mg/L		0.0050	1	07/13/12 10:00	07/17/12 13:49	7440-43-9	
Lead	ND mg/L		0.010	1	07/13/12 10:00	07/17/12 13:49	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic, Dissolved	0.52 mg/L		0.020	1	07/18/12 10:25	07/19/12 11:48	7440-38-2	
Cadmium, Dissolved	0.0097 mg/L		0.0050	1	07/18/12 10:25	07/19/12 11:48	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	1	07/18/12 10:25	07/19/12 11:48	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 10:49	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_5_070612	Lab ID: 2512829006	Collected: 07/06/12 09:00	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, Dissolved (LF)								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 11:25	7439-97-6	
8270 MSSV Semivolatile Organic								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Pentachlorophenol	ND ug/L		4.8	1	07/12/12 09:40	07/13/12 20:08	87-86-5	
Surrogates								
Nitrobenzene-d5 (S)	78 %		29-122	1	07/12/12 09:40	07/13/12 20:08	4165-60-0	
2-Fluorobiphenyl (S)	74 %		30-110	1	07/12/12 09:40	07/13/12 20:08	321-60-8	
Terphenyl-d14 (S)	77 %		38-121	1	07/12/12 09:40	07/13/12 20:08	1718-51-0	
Phenol-d6 (S)	26 %		10-110	1	07/12/12 09:40	07/13/12 20:08	13127-88-3	
2-Fluorophenol (S)	39 %		12-110	1	07/12/12 09:40	07/13/12 20:08	367-12-4	
2,4,6-Tribromophenol (S)	97 %		30-126	1	07/12/12 09:40	07/13/12 20:08	118-79-6	
8260 MSV								
Analytical Method: EPA 5030B/8260								
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 18:58	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 18:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 18:58	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 18:58	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 18:58	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:58	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:58	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 18:58	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 18:58	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 18:58	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 18:58	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 18:58	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 18:58	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 18:58	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	1		07/11/12 18:58	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	1		07/11/12 18:58	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 18:58	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 18:58	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 18:58	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	1		07/11/12 18:58	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 18:58	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 18:58	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1		07/11/12 18:58	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	1		07/11/12 18:58	95-49-8	
2-Hexanone	ND ug/L		5.0	1		07/11/12 18:58	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	1		07/11/12 18:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		07/11/12 18:58	108-10-1	
Acetone	ND ug/L		5.0	1		07/11/12 18:58	67-64-1	
Benzene	ND ug/L		1.0	1		07/11/12 18:58	71-43-2	
Bromobenzene	ND ug/L		1.0	1		07/11/12 18:58	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		07/11/12 18:58	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		07/11/12 18:58	75-27-4	
Bromoform	ND ug/L		1.0	1		07/11/12 18:58	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_5_070612	Lab ID: 2512829006	Collected: 07/06/12 09:00	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8260 MSV

Analytical Method: EPA 5030B/8260

Bromomethane	ND ug/L		1.0	1		07/11/12 18:58	74-83-9	
Carbon disulfide	ND ug/L		1.0	1		07/11/12 18:58	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		07/11/12 18:58	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		07/11/12 18:58	108-90-7	
Chloroethane	ND ug/L		1.0	1		07/11/12 18:58	75-00-3	
Chloroform	ND ug/L		1.0	1		07/11/12 18:58	67-66-3	
Chloromethane	ND ug/L		1.0	1		07/11/12 18:58	74-87-3	
Dibromochloromethane	ND ug/L		1.0	1		07/11/12 18:58	124-48-1	
Dibromomethane	ND ug/L		1.0	1		07/11/12 18:58	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	1		07/11/12 18:58	75-71-8	
Ethylbenzene	ND ug/L		1.0	1		07/11/12 18:58	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		07/11/12 18:58	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		07/11/12 18:58	98-82-8	
Methyl-tert-butyl ether	ND ug/L		1.0	1		07/11/12 18:58	1634-04-4	
Methylene chloride	ND ug/L		5.0	1		07/11/12 18:58	75-09-2	
Naphthalene	ND ug/L		1.0	1		07/11/12 18:58	91-20-3	
Styrene	ND ug/L		1.0	1		07/11/12 18:58	100-42-5	
Tetrachloroethene	ND ug/L		1.0	1		07/11/12 18:58	127-18-4	
Toluene	ND ug/L		1.0	1		07/11/12 18:58	108-88-3	
Trichloroethene	ND ug/L		1.0	1		07/11/12 18:58	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		07/11/12 18:58	75-69-4	
Vinyl chloride	ND ug/L		0.20	1		07/11/12 18:58	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		07/11/12 18:58	1330-20-7	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:58	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:58	10061-01-5	
m&p-Xylene	ND ug/L		2.0	1		07/11/12 18:58	179601-23-1	
n-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:58	104-51-8	
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 18:58	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 18:58	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 18:58	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:58	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 18:58	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 18:58	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 18:58	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	111 %		79-121	1		07/11/12 18:58	460-00-4	
Dibromofluoromethane (S)	97 %		81-119	1		07/11/12 18:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		72-127	1		07/11/12 18:58	17060-07-0	
Toluene-d8 (S)	102 %		77-120	1		07/11/12 18:58	2037-26-5	

NWTPH-Gx MSV

Analytical Method: NWTPH-Gx

Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 18:58		
Surrogates								
4-Bromofluorobenzene (S)	111 %		50-150	1		07/11/12 18:58	460-00-4	

2540C Total Dissolved Solids

Analytical Method: SM 2540C

Total Dissolved Solids	2330 mg/L		20.0	1		07/12/12 15:55		B
------------------------	-----------	--	------	---	--	----------------	--	---

Date: 09/07/2012 08:15 AM

REPORT OF LABORATORY ANALYSIS

Page 20 of 51

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2512829

Sample: SUP_MW_5_070612_9	Lab ID: 2512829007	Collected: 07/06/12 09:05	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel								
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Diesel Range SG	ND mg/L		0.078	1	07/18/12 11:30	07/19/12 23:43		
Motor Oil Range SG	ND mg/L		0.39	1	07/18/12 11:30	07/19/12 23:43	64742-65-0	
Surrogates								
n-Octacosane (S) SG	108 %		50-150	1	07/18/12 11:30	07/19/12 23:43	630-02-4	
o-Terphenyl (S) SG	99 %		50-150	1	07/18/12 11:30	07/19/12 23:43	84-15-1	
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	1.4 mg/L		0.010	1	07/13/12 10:00	07/17/12 14:00	7440-38-2	
Cadmium	0.022 mg/L		0.0050	1	07/13/12 10:00	07/17/12 14:00	7440-43-9	
Lead	ND mg/L		0.010	1	07/13/12 10:00	07/17/12 14:00	7439-92-1	
6010 MET ICP, Dissolved (LF)								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic, Dissolved	0.50 mg/L		0.020	1	07/18/12 10:25	07/19/12 11:51	7440-38-2	
Cadmium, Dissolved	0.0092 mg/L		0.0050	1	07/18/12 10:25	07/19/12 11:51	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	1	07/18/12 10:25	07/19/12 11:51	7439-92-1	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 10:51	7439-97-6	
7470 Mercury, Dissolved (LF)								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 11:27	7439-97-6	
8270 MSSV Semivolatile Organic								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Pentachlorophenol	ND ug/L		4.8	1	07/12/12 09:40	07/13/12 20:30	87-86-5	
Surrogates								
Nitrobenzene-d5 (S)	78 %		29-122	1	07/12/12 09:40	07/13/12 20:30	4165-60-0	
2-Fluorobiphenyl (S)	77 %		30-110	1	07/12/12 09:40	07/13/12 20:30	321-60-8	
Terphenyl-d14 (S)	75 %		38-121	1	07/12/12 09:40	07/13/12 20:30	1718-51-0	
Phenol-d6 (S)	26 %		10-110	1	07/12/12 09:40	07/13/12 20:30	13127-88-3	
2-Fluorophenol (S)	38 %		12-110	1	07/12/12 09:40	07/13/12 20:30	367-12-4	
2,4,6-Tribromophenol (S)	99 %		30-126	1	07/12/12 09:40	07/13/12 20:30	118-79-6	
8260 MSV								
Analytical Method: EPA 5030B/8260								
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 19:15	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 19:15	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 19:15	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 19:15	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 19:15	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 19:15	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 19:15	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 19:15	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 19:15	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 19:15	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 19:15	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 19:15	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 19:15	106-93-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_5_070612_9 **Lab ID:** 2512829007 Collected: 07/06/12 09:05 Received: 07/06/12 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:15	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/11/12 19:15	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		07/11/12 19:15	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 19:15	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		07/11/12 19:15	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:15	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/11/12 19:15	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:15	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 19:15	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/11/12 19:15	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 19:15	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		07/11/12 19:15	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 19:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/11/12 19:15	108-10-1	
Acetone	ND	ug/L	5.0	1		07/11/12 19:15	67-64-1	
Benzene	ND	ug/L	1.0	1		07/11/12 19:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/11/12 19:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/11/12 19:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/11/12 19:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/11/12 19:15	75-25-2	
Bromomethane	0.23J	ug/L	1.0	1		07/11/12 19:15	74-83-9	B
Carbon disulfide	ND	ug/L	1.0	1		07/11/12 19:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		07/11/12 19:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/11/12 19:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/11/12 19:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/11/12 19:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/11/12 19:15	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		07/11/12 19:15	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		07/11/12 19:15	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/11/12 19:15	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		07/11/12 19:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/11/12 19:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		07/11/12 19:15	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/11/12 19:15	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		07/11/12 19:15	75-09-2	
Naphthalene	ND	ug/L	1.0	1		07/11/12 19:15	91-20-3	
Styrene	ND	ug/L	1.0	1		07/11/12 19:15	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/11/12 19:15	127-18-4	
Toluene	ND	ug/L	1.0	1		07/11/12 19:15	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		07/11/12 19:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/11/12 19:15	75-69-4	
Vinyl chloride	ND	ug/L	0.20	1		07/11/12 19:15	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		07/11/12 19:15	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/11/12 19:15	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 19:15	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		07/11/12 19:15	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		07/11/12 19:15	104-51-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_5_070612_9		Lab ID: 2512829007	Collected: 07/06/12 09:05	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 19:15	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 19:15	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 19:15	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 19:15	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 19:15	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 19:15	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 19:15	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	112 %		79-121	1		07/11/12 19:15	460-00-4	
Dibromofluoromethane (S)	97 %		81-119	1		07/11/12 19:15	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		72-127	1		07/11/12 19:15	17060-07-0	
Toluene-d8 (S)	104 %		77-120	1		07/11/12 19:15	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 19:15		
Surrogates								
4-Bromofluorobenzene (S)	112 %		50-150	1		07/11/12 19:15	460-00-4	
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	2280 mg/L		20.0	1		07/12/12 15:55		B

Sample: SUP_MW_6_070612		Lab ID: 2512829008	Collected: 07/06/12 10:30	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Range SG	ND mg/L		0.078	1	07/18/12 11:30	07/20/12 00:00		
Motor Oil Range SG	ND mg/L		0.39	1	07/18/12 11:30	07/20/12 00:00	64742-65-0	
Surrogates								
n-Octacosane (S) SG	96 %		50-150	1	07/18/12 11:30	07/20/12 00:00	630-02-4	
o-Terphenyl (S) SG	91 %		50-150	1	07/18/12 11:30	07/20/12 00:00	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic	2.0 mg/L		0.010	1	07/13/12 10:00	07/17/12 14:03	7440-38-2	
Cadmium	0.032 mg/L		0.0050	1	07/13/12 10:00	07/17/12 14:03	7440-43-9	
Lead	ND mg/L		0.010	1	07/13/12 10:00	07/17/12 14:03	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic, Dissolved	1.7 mg/L		0.020	1	07/18/12 10:25	07/19/12 11:55	7440-38-2	
Cadmium, Dissolved	0.031 mg/L		0.0050	1	07/18/12 10:25	07/19/12 11:55	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	1	07/18/12 10:25	07/19/12 11:55	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 10:54	7439-97-6	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_6_070612	Lab ID: 2512829008	Collected: 07/06/12 10:30	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, Dissolved (LF)								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	0.000013J	mg/L	0.00020	1	07/10/12 10:45	07/11/12 11:29	7439-97-6	
8270 MSSV Semivolatile Organic								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Pentachlorophenol	ND	ug/L	4.8	1	07/12/12 09:40	07/13/12 20:52	87-86-5	
Surrogates								
Nitrobenzene-d5 (S)	74 %		29-122	1	07/12/12 09:40	07/13/12 20:52	4165-60-0	
2-Fluorobiphenyl (S)	69 %		30-110	1	07/12/12 09:40	07/13/12 20:52	321-60-8	
Terphenyl-d14 (S)	68 %		38-121	1	07/12/12 09:40	07/13/12 20:52	1718-51-0	
Phenol-d6 (S)	28 %		10-110	1	07/12/12 09:40	07/13/12 20:52	13127-88-3	
2-Fluorophenol (S)	41 %		12-110	1	07/12/12 09:40	07/13/12 20:52	367-12-4	
2,4,6-Tribromophenol (S)	93 %		30-126	1	07/12/12 09:40	07/13/12 20:52	118-79-6	
8260 MSV								
Analytical Method: EPA 5030B/8260								
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/11/12 19:31	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/11/12 19:31	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/11/12 19:31	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/11/12 19:31	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		07/11/12 19:31	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/11/12 19:31	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/11/12 19:31	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:31	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/11/12 19:31	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:31	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		07/11/12 19:31	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/11/12 19:31	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/11/12 19:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:31	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/11/12 19:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		07/11/12 19:31	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 19:31	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		07/11/12 19:31	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:31	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/11/12 19:31	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:31	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 19:31	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/11/12 19:31	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 19:31	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		07/11/12 19:31	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 19:31	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/11/12 19:31	108-10-1	
Acetone	ND	ug/L	5.0	1		07/11/12 19:31	67-64-1	
Benzene	ND	ug/L	1.0	1		07/11/12 19:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/11/12 19:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/11/12 19:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/11/12 19:31	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/11/12 19:31	75-25-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_6_070612 **Lab ID:** 2512829008 Collected: 07/06/12 10:30 Received: 07/06/12 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	----	----------	----------	---------	------

8260 MSV

Analytical Method: EPA 5030B/8260

Bromomethane	0.13J ug/L		1.0	1		07/11/12 19:31	74-83-9	B
Carbon disulfide	ND	ug/L	1.0	1		07/11/12 19:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		07/11/12 19:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/11/12 19:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/11/12 19:31	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/11/12 19:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/11/12 19:31	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		07/11/12 19:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		07/11/12 19:31	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/11/12 19:31	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		07/11/12 19:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/11/12 19:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		07/11/12 19:31	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/11/12 19:31	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		07/11/12 19:31	75-09-2	
Naphthalene	ND	ug/L	1.0	1		07/11/12 19:31	91-20-3	
Styrene	ND	ug/L	1.0	1		07/11/12 19:31	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/11/12 19:31	127-18-4	
Toluene	ND	ug/L	1.0	1		07/11/12 19:31	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		07/11/12 19:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/11/12 19:31	75-69-4	
Vinyl chloride	ND	ug/L	0.20	1		07/11/12 19:31	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		07/11/12 19:31	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/11/12 19:31	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 19:31	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		07/11/12 19:31	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		07/11/12 19:31	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		07/11/12 19:31	103-65-1	
o-Xylene	ND	ug/L	1.0	1		07/11/12 19:31	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/11/12 19:31	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		07/11/12 19:31	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		07/11/12 19:31	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/11/12 19:31	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 19:31	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	113 %		79-121	1		07/11/12 19:31	460-00-4	
Dibromofluoromethane (S)	95 %		81-119	1		07/11/12 19:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		72-127	1		07/11/12 19:31	17060-07-0	
Toluene-d8 (S)	104 %		77-120	1		07/11/12 19:31	2037-26-5	

NWTPH-Gx MSV

Analytical Method: NWTPH-Gx

Gasoline Range Organics	ND	ug/L	50.0	1		07/11/12 19:31		
Surrogates								
4-Bromofluorobenzene (S)	113 %		50-150	1		07/11/12 19:31	460-00-4	

2540C Total Dissolved Solids

Analytical Method: SM 2540C

Total Dissolved Solids	1910	mg/L	20.0	1		07/12/12 15:56		B
------------------------	-------------	------	------	---	--	----------------	--	---

Date: 09/07/2012 08:15 AM

REPORT OF LABORATORY ANALYSIS

Page 25 of 51

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon
Pace Project No.: 2512829

Sample: SUP_MW_7_070612	Lab ID: 2512829009	Collected: 07/06/12 11:30	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel								
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Diesel Range SG	0.043J mg/L		0.077	1	07/18/12 11:30	07/20/12 00:52		
Motor Oil Range SG	ND mg/L		0.38	1	07/18/12 11:30	07/20/12 00:52	64742-65-0	
Surrogates								
n-Octacosane (S) SG	103 %		50-150	1	07/18/12 11:30	07/20/12 00:52	630-02-4	
o-Terphenyl (S) SG	97 %		50-150	1	07/18/12 11:30	07/20/12 00:52	84-15-1	
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND mg/L		0.010	1	07/13/12 10:00	07/17/12 14:07	7440-38-2	
Cadmium	ND mg/L		0.0050	1	07/13/12 10:00	07/17/12 14:07	7440-43-9	
Lead	ND mg/L		0.010	1	07/13/12 10:00	07/17/12 14:07	7439-92-1	
6010 MET ICP, Dissolved (LF)								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic, Dissolved	0.0032J mg/L		0.020	1	07/18/12 10:25	07/19/12 11:59	7440-38-2	
Cadmium, Dissolved	ND mg/L		0.0050	1	07/18/12 10:25	07/19/12 11:59	7440-43-9	
Lead, Dissolved	ND mg/L		0.010	1	07/18/12 10:25	07/19/12 11:59	7439-92-1	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND mg/L		0.00020	1	07/10/12 10:45	07/11/12 11:00	7439-97-6	
7470 Mercury, Dissolved (LF)								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	0.000016J mg/L		0.00020	1	07/10/12 10:45	07/11/12 11:31	7439-97-6	
8270 MSSV Semivolatile Organic								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Pentachlorophenol	ND ug/L		4.8	1	07/12/12 09:40	07/13/12 21:15	87-86-5	
Surrogates								
Nitrobenzene-d5 (S)	81 %		29-122	1	07/12/12 09:40	07/13/12 21:15	4165-60-0	
2-Fluorobiphenyl (S)	78 %		30-110	1	07/12/12 09:40	07/13/12 21:15	321-60-8	
Terphenyl-d14 (S)	88 %		38-121	1	07/12/12 09:40	07/13/12 21:15	1718-51-0	
Phenol-d6 (S)	28 %		10-110	1	07/12/12 09:40	07/13/12 21:15	13127-88-3	
2-Fluorophenol (S)	39 %		12-110	1	07/12/12 09:40	07/13/12 21:15	367-12-4	
2,4,6-Tribromophenol (S)	98 %		30-126	1	07/12/12 09:40	07/13/12 21:15	118-79-6	
8260 MSV								
Analytical Method: EPA 5030B/8260								
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 19:48	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 19:48	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 19:48	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 19:48	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 19:48	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 19:48	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 19:48	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 19:48	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 19:48	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 19:48	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 19:48	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 19:48	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 19:48	106-93-4	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_7_070612 Lab ID: 2512829009 Collected: 07/06/12 11:30 Received: 07/06/12 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:48	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/11/12 19:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		07/11/12 19:48	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 19:48	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		07/11/12 19:48	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:48	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/11/12 19:48	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 19:48	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 19:48	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/11/12 19:48	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 19:48	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		07/11/12 19:48	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 19:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/11/12 19:48	108-10-1	
Acetone	ND	ug/L	5.0	1		07/11/12 19:48	67-64-1	
Benzene	ND	ug/L	1.0	1		07/11/12 19:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/11/12 19:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/11/12 19:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/11/12 19:48	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/11/12 19:48	75-25-2	
Bromomethane	ND	ug/L	1.0	1		07/11/12 19:48	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		07/11/12 19:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		07/11/12 19:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/11/12 19:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/11/12 19:48	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/11/12 19:48	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/11/12 19:48	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		07/11/12 19:48	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		07/11/12 19:48	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/11/12 19:48	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		07/11/12 19:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/11/12 19:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		07/11/12 19:48	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/11/12 19:48	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		07/11/12 19:48	75-09-2	
Naphthalene	ND	ug/L	1.0	1		07/11/12 19:48	91-20-3	
Styrene	ND	ug/L	1.0	1		07/11/12 19:48	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/11/12 19:48	127-18-4	
Toluene	ND	ug/L	1.0	1		07/11/12 19:48	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		07/11/12 19:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/11/12 19:48	75-69-4	
Vinyl chloride	ND	ug/L	0.20	1		07/11/12 19:48	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		07/11/12 19:48	1330-20-7	
cis-1,2-Dichloroethene	0.15J	ug/L	1.0	1		07/11/12 19:48	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 19:48	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		07/11/12 19:48	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		07/11/12 19:48	104-51-8	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: SUP_MW_7_070612		Lab ID: 2512829009	Collected: 07/06/12 11:30	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 19:48	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 19:48	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 19:48	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 19:48	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 19:48	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 19:48	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 19:48	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	113 %		79-121	1		07/11/12 19:48	460-00-4	
Dibromofluoromethane (S)	96 %		81-119	1		07/11/12 19:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		72-127	1		07/11/12 19:48	17060-07-0	
Toluene-d8 (S)	103 %		77-120	1		07/11/12 19:48	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 19:48		
Surrogates								
4-Bromofluorobenzene (S)	113 %		50-150	1		07/11/12 19:48	460-00-4	
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	1510 mg/L		20.0	1		07/12/12 15:56		B

Sample: Trip Blank 1		Lab ID: 2512829010	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 15:35	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 15:35	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 15:35	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 15:35	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 15:35	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 15:35	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 15:35	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 15:35	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 15:35	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 15:35	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 15:35	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 15:35	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 15:35	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 15:35	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	1		07/11/12 15:35	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	1		07/11/12 15:35	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 15:35	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 15:35	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 15:35	541-73-1	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: Trip Blank 1		Lab ID: 2512829010	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		07/11/12 15:35	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/11/12 15:35	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.0	1		07/11/12 15:35	594-20-7		
2-Butanone (MEK)	ND	ug/L	5.0	1		07/11/12 15:35	78-93-3		
2-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 15:35	95-49-8		
2-Hexanone	ND	ug/L	5.0	1		07/11/12 15:35	591-78-6		
4-Chlorotoluene	ND	ug/L	1.0	1		07/11/12 15:35	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/11/12 15:35	108-10-1		
Acetone	ND	ug/L	5.0	1		07/11/12 15:35	67-64-1		
Benzene	ND	ug/L	1.0	1		07/11/12 15:35	71-43-2		
Bromobenzene	ND	ug/L	1.0	1		07/11/12 15:35	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		07/11/12 15:35	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		07/11/12 15:35	75-27-4		
Bromoform	ND	ug/L	1.0	1		07/11/12 15:35	75-25-2		
Bromomethane	0.19J	ug/L	1.0	1		07/11/12 15:35	74-83-9	B	
Carbon disulfide	ND	ug/L	1.0	1		07/11/12 15:35	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		07/11/12 15:35	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		07/11/12 15:35	108-90-7		
Chloroethane	ND	ug/L	1.0	1		07/11/12 15:35	75-00-3		
Chloroform	ND	ug/L	1.0	1		07/11/12 15:35	67-66-3		
Chloromethane	ND	ug/L	1.0	1		07/11/12 15:35	74-87-3		
Dibromochloromethane	ND	ug/L	1.0	1		07/11/12 15:35	124-48-1		
Dibromomethane	ND	ug/L	1.0	1		07/11/12 15:35	74-95-3		
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/11/12 15:35	75-71-8		
Ethylbenzene	ND	ug/L	1.0	1		07/11/12 15:35	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/11/12 15:35	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		07/11/12 15:35	98-82-8		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/11/12 15:35	1634-04-4		
Methylene chloride	1.9J	ug/L	5.0	1		07/11/12 15:35	75-09-2	B	
Naphthalene	ND	ug/L	1.0	1		07/11/12 15:35	91-20-3		
Styrene	ND	ug/L	1.0	1		07/11/12 15:35	100-42-5		
Tetrachloroethene	ND	ug/L	1.0	1		07/11/12 15:35	127-18-4		
Toluene	ND	ug/L	1.0	1		07/11/12 15:35	108-88-3		
Trichloroethene	ND	ug/L	1.0	1		07/11/12 15:35	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		07/11/12 15:35	75-69-4		
Vinyl chloride	ND	ug/L	0.20	1		07/11/12 15:35	75-01-4		
Xylene (Total)	ND	ug/L	3.0	1		07/11/12 15:35	1330-20-7		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/11/12 15:35	156-59-2		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 15:35	10061-01-5		
m&p-Xylene	ND	ug/L	2.0	1		07/11/12 15:35	179601-23-1		
n-Butylbenzene	ND	ug/L	1.0	1		07/11/12 15:35	104-51-8		
n-Propylbenzene	ND	ug/L	1.0	1		07/11/12 15:35	103-65-1		
o-Xylene	ND	ug/L	1.0	1		07/11/12 15:35	95-47-6		
p-Isopropyltoluene	ND	ug/L	1.0	1		07/11/12 15:35	99-87-6		
sec-Butylbenzene	ND	ug/L	1.0	1		07/11/12 15:35	135-98-8		
tert-Butylbenzene	ND	ug/L	1.0	1		07/11/12 15:35	98-06-6		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/11/12 15:35	156-60-5		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: Trip Blank 1		Lab ID: 2512829010	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 15:35	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	115 %		79-121	1		07/11/12 15:35	460-00-4	
Dibromofluoromethane (S)	96 %		81-119	1		07/11/12 15:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		72-127	1		07/11/12 15:35	17060-07-0	
Toluene-d8 (S)	103 %		77-120	1		07/11/12 15:35	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 15:35		
Surrogates								
4-Bromofluorobenzene (S)	115 %		50-150	1		07/11/12 15:35	460-00-4	

Sample: Trip Blank 2		Lab ID: 2512829011	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 15:52	630-20-6	
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 15:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 15:52	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 15:52	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 15:52	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 15:52	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 15:52	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 15:52	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 15:52	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 15:52	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 15:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 15:52	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 15:52	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 15:52	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	1		07/11/12 15:52	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	1		07/11/12 15:52	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 15:52	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 15:52	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 15:52	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	1		07/11/12 15:52	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 15:52	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 15:52	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1		07/11/12 15:52	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	1		07/11/12 15:52	95-49-8	
2-Hexanone	ND ug/L		5.0	1		07/11/12 15:52	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	1		07/11/12 15:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		07/11/12 15:52	108-10-1	
Acetone	1.2J ug/L		5.0	1		07/11/12 15:52	67-64-1	B
Benzene	ND ug/L		1.0	1		07/11/12 15:52	71-43-2	

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: Trip Blank 2		Lab ID: 2512829011	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Bromobenzene	ND	ug/L	1.0	1		07/11/12 15:52	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/11/12 15:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/11/12 15:52	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/11/12 15:52	75-25-2	
Bromomethane	ND	ug/L	1.0	1		07/11/12 15:52	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		07/11/12 15:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		07/11/12 15:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/11/12 15:52	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/11/12 15:52	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/11/12 15:52	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/11/12 15:52	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		07/11/12 15:52	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		07/11/12 15:52	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/11/12 15:52	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		07/11/12 15:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/11/12 15:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		07/11/12 15:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/11/12 15:52	1634-04-4	
Methylene chloride	1.9J	ug/L	5.0	1		07/11/12 15:52	75-09-2	B
Naphthalene	ND	ug/L	1.0	1		07/11/12 15:52	91-20-3	
Styrene	ND	ug/L	1.0	1		07/11/12 15:52	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/11/12 15:52	127-18-4	
Toluene	ND	ug/L	1.0	1		07/11/12 15:52	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		07/11/12 15:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/11/12 15:52	75-69-4	
Vinyl chloride	ND	ug/L	0.20	1		07/11/12 15:52	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		07/11/12 15:52	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/11/12 15:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 15:52	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		07/11/12 15:52	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		07/11/12 15:52	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		07/11/12 15:52	103-65-1	
o-Xylene	ND	ug/L	1.0	1		07/11/12 15:52	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/11/12 15:52	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		07/11/12 15:52	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		07/11/12 15:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/11/12 15:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/11/12 15:52	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	117 %		79-121	1		07/11/12 15:52	460-00-4	
Dibromofluoromethane (S)	96 %		81-119	1		07/11/12 15:52	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		72-127	1		07/11/12 15:52	17060-07-0	
Toluene-d8 (S)	103 %		77-120	1		07/11/12 15:52	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND	ug/L	50.0	1		07/11/12 15:52		

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: Trip Blank 2		Lab ID: 2512829011	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

NWTPH-Gx MSV Analytical Method: NWTPH-Gx

Surrogates

4-Bromofluorobenzene (S)	117 %	50-150	1	07/11/12 15:52	460-00-4
--------------------------	-------	--------	---	----------------	----------

Sample: Trip Blank 3		Lab ID: 2512829012	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8260 MSV Analytical Method: EPA 5030B/8260

1,1,1,2-Tetrachloroethane	ND ug/L	1.0	1	07/11/12 16:09	630-20-6
1,1,1-Trichloroethane	ND ug/L	1.0	1	07/11/12 16:09	71-55-6
1,1,2,2-Tetrachloroethane	ND ug/L	1.0	1	07/11/12 16:09	79-34-5
1,1,2-Trichloroethane	ND ug/L	1.0	1	07/11/12 16:09	79-00-5
1,1-Dichloroethane	ND ug/L	1.0	1	07/11/12 16:09	75-34-3
1,1-Dichloroethene	ND ug/L	1.0	1	07/11/12 16:09	75-35-4
1,1-Dichloropropene	ND ug/L	1.0	1	07/11/12 16:09	563-58-6
1,2,3-Trichlorobenzene	ND ug/L	1.0	1	07/11/12 16:09	87-61-6
1,2,3-Trichloropropane	ND ug/L	1.0	1	07/11/12 16:09	96-18-4
1,2,4-Trichlorobenzene	ND ug/L	1.0	1	07/11/12 16:09	120-82-1
1,2,4-Trimethylbenzene	ND ug/L	1.0	1	07/11/12 16:09	95-63-6
1,2-Dibromo-3-chloropropane	ND ug/L	5.0	1	07/11/12 16:09	96-12-8
1,2-Dibromoethane (EDB)	ND ug/L	1.0	1	07/11/12 16:09	106-93-4
1,2-Dichlorobenzene	ND ug/L	1.0	1	07/11/12 16:09	95-50-1
1,2-Dichloroethane	ND ug/L	1.0	1	07/11/12 16:09	107-06-2
1,2-Dichloroethene (Total)	ND ug/L	2.0	1	07/11/12 16:09	540-59-0
1,2-Dichloropropane	ND ug/L	1.0	1	07/11/12 16:09	78-87-5
1,3,5-Trimethylbenzene	ND ug/L	1.0	1	07/11/12 16:09	108-67-8
1,3-Dichlorobenzene	ND ug/L	1.0	1	07/11/12 16:09	541-73-1
1,3-Dichloropropane	ND ug/L	1.0	1	07/11/12 16:09	142-28-9
1,4-Dichlorobenzene	ND ug/L	1.0	1	07/11/12 16:09	106-46-7
2,2-Dichloropropane	ND ug/L	1.0	1	07/11/12 16:09	594-20-7
2-Butanone (MEK)	ND ug/L	5.0	1	07/11/12 16:09	78-93-3
2-Chlorotoluene	ND ug/L	1.0	1	07/11/12 16:09	95-49-8
2-Hexanone	ND ug/L	5.0	1	07/11/12 16:09	591-78-6
4-Chlorotoluene	ND ug/L	1.0	1	07/11/12 16:09	106-43-4
4-Methyl-2-pentanone (MIBK)	ND ug/L	5.0	1	07/11/12 16:09	108-10-1
Acetone	ND ug/L	5.0	1	07/11/12 16:09	67-64-1
Benzene	ND ug/L	1.0	1	07/11/12 16:09	71-43-2
Bromobenzene	ND ug/L	1.0	1	07/11/12 16:09	108-86-1
Bromochloromethane	ND ug/L	1.0	1	07/11/12 16:09	74-97-5
Bromodichloromethane	ND ug/L	1.0	1	07/11/12 16:09	75-27-4
Bromoform	ND ug/L	1.0	1	07/11/12 16:09	75-25-2
Bromomethane	ND ug/L	1.0	1	07/11/12 16:09	74-83-9
Carbon disulfide	ND ug/L	1.0	1	07/11/12 16:09	75-15-0
Carbon tetrachloride	ND ug/L	1.0	1	07/11/12 16:09	56-23-5
Chlorobenzene	ND ug/L	1.0	1	07/11/12 16:09	108-90-7
Chloroethane	ND ug/L	1.0	1	07/11/12 16:09	75-00-3

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: Trip Blank 3		Lab ID: 2512829012	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Chloroform	ND ug/L		1.0	1		07/11/12 16:09	67-66-3	
Chloromethane	ND ug/L		1.0	1		07/11/12 16:09	74-87-3	
Dibromochloromethane	ND ug/L		1.0	1		07/11/12 16:09	124-48-1	
Dibromomethane	ND ug/L		1.0	1		07/11/12 16:09	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	1		07/11/12 16:09	75-71-8	
Ethylbenzene	ND ug/L		1.0	1		07/11/12 16:09	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		07/11/12 16:09	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		07/11/12 16:09	98-82-8	
Methyl-tert-butyl ether	ND ug/L		1.0	1		07/11/12 16:09	1634-04-4	
Methylene chloride	1.8J ug/L		5.0	1		07/11/12 16:09	75-09-2	B
Naphthalene	ND ug/L		1.0	1		07/11/12 16:09	91-20-3	
Styrene	ND ug/L		1.0	1		07/11/12 16:09	100-42-5	
Tetrachloroethene	ND ug/L		1.0	1		07/11/12 16:09	127-18-4	
Toluene	ND ug/L		1.0	1		07/11/12 16:09	108-88-3	
Trichloroethene	ND ug/L		1.0	1		07/11/12 16:09	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		07/11/12 16:09	75-69-4	
Vinyl chloride	ND ug/L		0.20	1		07/11/12 16:09	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		07/11/12 16:09	1330-20-7	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 16:09	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 16:09	10061-01-5	
m&p-Xylene	ND ug/L		2.0	1		07/11/12 16:09	179601-23-1	
n-Butylbenzene	ND ug/L		1.0	1		07/11/12 16:09	104-51-8	
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 16:09	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 16:09	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 16:09	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 16:09	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 16:09	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 16:09	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 16:09	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	113 %		79-121	1		07/11/12 16:09	460-00-4	
Dibromofluoromethane (S)	95 %		81-119	1		07/11/12 16:09	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		72-127	1		07/11/12 16:09	17060-07-0	
Toluene-d8 (S)	103 %		77-120	1		07/11/12 16:09	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 16:09		
Surrogates								
4-Bromofluorobenzene (S)	113 %		50-150	1		07/11/12 16:09	460-00-4	

Sample: Trip Blank 4		Lab ID: 2512829013	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8260 MSV		Analytical Method: EPA 5030B/8260						
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 16:26	630-20-6	

Date: 09/07/2012 08:15 AM

REPORT OF LABORATORY ANALYSIS

Page 33 of 51

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: Trip Blank 4	Lab ID: 2512829013	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
1,1,1-Trichloroethane	ND ug/L		1.0	1		07/11/12 16:26	71-55-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		07/11/12 16:26	79-34-5	
1,1,2-Trichloroethane	ND ug/L		1.0	1		07/11/12 16:26	79-00-5	
1,1-Dichloroethane	ND ug/L		1.0	1		07/11/12 16:26	75-34-3	
1,1-Dichloroethene	ND ug/L		1.0	1		07/11/12 16:26	75-35-4	
1,1-Dichloropropene	ND ug/L		1.0	1		07/11/12 16:26	563-58-6	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 16:26	87-61-6	
1,2,3-Trichloropropane	ND ug/L		1.0	1		07/11/12 16:26	96-18-4	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		07/11/12 16:26	120-82-1	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 16:26	95-63-6	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		07/11/12 16:26	96-12-8	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		07/11/12 16:26	106-93-4	
1,2-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 16:26	95-50-1	
1,2-Dichloroethane	ND ug/L		1.0	1		07/11/12 16:26	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		2.0	1		07/11/12 16:26	540-59-0	
1,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 16:26	78-87-5	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		07/11/12 16:26	108-67-8	
1,3-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 16:26	541-73-1	
1,3-Dichloropropane	ND ug/L		1.0	1		07/11/12 16:26	142-28-9	
1,4-Dichlorobenzene	ND ug/L		1.0	1		07/11/12 16:26	106-46-7	
2,2-Dichloropropane	ND ug/L		1.0	1		07/11/12 16:26	594-20-7	
2-Butanone (MEK)	ND ug/L		5.0	1		07/11/12 16:26	78-93-3	
2-Chlorotoluene	ND ug/L		1.0	1		07/11/12 16:26	95-49-8	
2-Hexanone	ND ug/L		5.0	1		07/11/12 16:26	591-78-6	
4-Chlorotoluene	ND ug/L		1.0	1		07/11/12 16:26	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		07/11/12 16:26	108-10-1	
Acetone	ND ug/L		5.0	1		07/11/12 16:26	67-64-1	
Benzene	ND ug/L		1.0	1		07/11/12 16:26	71-43-2	
Bromobenzene	ND ug/L		1.0	1		07/11/12 16:26	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		07/11/12 16:26	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		07/11/12 16:26	75-27-4	
Bromoform	ND ug/L		1.0	1		07/11/12 16:26	75-25-2	
Bromomethane	ND ug/L		1.0	1		07/11/12 16:26	74-83-9	
Carbon disulfide	ND ug/L		1.0	1		07/11/12 16:26	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		07/11/12 16:26	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		07/11/12 16:26	108-90-7	
Chloroethane	ND ug/L		1.0	1		07/11/12 16:26	75-00-3	
Chloroform	ND ug/L		1.0	1		07/11/12 16:26	67-66-3	
Chloromethane	ND ug/L		1.0	1		07/11/12 16:26	74-87-3	
Dibromochloromethane	ND ug/L		1.0	1		07/11/12 16:26	124-48-1	
Dibromomethane	ND ug/L		1.0	1		07/11/12 16:26	74-95-3	
Dichlorodifluoromethane	ND ug/L		1.0	1		07/11/12 16:26	75-71-8	
Ethylbenzene	ND ug/L		1.0	1		07/11/12 16:26	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		07/11/12 16:26	87-68-3	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		07/11/12 16:26	98-82-8	
Methyl-tert-butyl ether	ND ug/L		1.0	1		07/11/12 16:26	1634-04-4	
Methylene chloride	2.0J ug/L		5.0	1		07/11/12 16:26	75-09-2	B

ANALYTICAL RESULTS

Project: Superlon

Pace Project No.: 2512829

Sample: Trip Blank 4		Lab ID: 2512829013	Collected: 07/06/12 00:00	Received: 07/06/12 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		1.0	1		07/11/12 16:26	91-20-3	
Styrene	ND ug/L		1.0	1		07/11/12 16:26	100-42-5	
Tetrachloroethene	ND ug/L		1.0	1		07/11/12 16:26	127-18-4	
Toluene	ND ug/L		1.0	1		07/11/12 16:26	108-88-3	
Trichloroethene	ND ug/L		1.0	1		07/11/12 16:26	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		07/11/12 16:26	75-69-4	
Vinyl chloride	ND ug/L		0.20	1		07/11/12 16:26	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		07/11/12 16:26	1330-20-7	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 16:26	156-59-2	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 16:26	10061-01-5	
m&p-Xylene	ND ug/L		2.0	1		07/11/12 16:26	179601-23-1	
n-Butylbenzene	ND ug/L		1.0	1		07/11/12 16:26	104-51-8	
n-Propylbenzene	ND ug/L		1.0	1		07/11/12 16:26	103-65-1	
o-Xylene	ND ug/L		1.0	1		07/11/12 16:26	95-47-6	
p-Isopropyltoluene	ND ug/L		1.0	1		07/11/12 16:26	99-87-6	
sec-Butylbenzene	ND ug/L		1.0	1		07/11/12 16:26	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		07/11/12 16:26	98-06-6	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		07/11/12 16:26	156-60-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		07/11/12 16:26	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	115 %		79-121	1		07/11/12 16:26	460-00-4	
Dibromofluoromethane (S)	98 %		81-119	1		07/11/12 16:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	97 %		72-127	1		07/11/12 16:26	17060-07-0	
Toluene-d8 (S)	104 %		77-120	1		07/11/12 16:26	2037-26-5	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND ug/L		50.0	1		07/11/12 16:26		
Surrogates								
4-Bromofluorobenzene (S)	115 %		50-150	1		07/11/12 16:26	460-00-4	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2512829

QC Batch: MERP/1722 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
 Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

METHOD BLANK: 121908 Matrix: Water
 Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	07/11/12 10:24	

LABORATORY CONTROL SAMPLE: 121909

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 121910 121911

Parameter	Units	2512829001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	mg/L	ND	.005	.005	0.0036	0.0036	72	73	75-125	.9	M1

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2512829

QC Batch: MERP/1723 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

METHOD BLANK: 121912 Matrix: Water
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	ND	0.00020	07/11/12 11:02	

LABORATORY CONTROL SAMPLE: 121913

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0051	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 121914 121915

Parameter	Units	2512829001		2512829002		2512829003		2512829004		% Rec Limits	RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.				
Mercury, Dissolved	mg/L	ND	.005	0.0037	.005	0.0037	0.0037	0.0037	0.0037	73	73	75-125	.4 M1

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2512829

QC Batch: MPRP/3176 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

METHOD BLANK: 122626 Matrix: Water
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	07/17/12 13:15	
Cadmium	mg/L	ND	0.0050	07/17/12 13:15	
Lead	mg/L	ND	0.010	07/17/12 13:15	

LABORATORY CONTROL SAMPLE: 122627

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.46	93	80-120	
Cadmium	mg/L	.5	0.47	95	80-120	
Lead	mg/L	.5	0.48	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 122628 122629

Parameter	Units	2512829001		2512829002		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result					
Arsenic	mg/L	0.016	.5	.5	0.50	0.51	97	99	75-125	2
Cadmium	mg/L	ND	.5	.5	0.48	0.49	96	98	75-125	2
Lead	mg/L	ND	.5	.5	0.47	0.48	93	96	75-125	3

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2512829

QC Batch: MPRP/3184 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

METHOD BLANK: 123124 Matrix: Water
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.020	07/19/12 11:07	
Cadmium, Dissolved	mg/L	ND	0.0050	07/19/12 11:07	
Lead, Dissolved	mg/L	ND	0.010	07/19/12 11:07	

LABORATORY CONTROL SAMPLE: 123125

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.48	95	80-120	
Cadmium, Dissolved	mg/L	.5	0.49	97	80-120	
Lead, Dissolved	mg/L	.5	0.50	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 123126 123127

Parameter	Units	2512829001		2512829002		2512829003		2512829004		% Rec Limits	RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.			
Arsenic, Dissolved	mg/L	0.0069J	.5	.5	0.51	0.49	100	96	75-125	4		
Cadmium, Dissolved	mg/L	ND	.5	.5	0.50	0.48	100	95	75-125	4		
Lead, Dissolved	mg/L	ND	.5	.5	0.48	0.47	97	93	75-125	4		

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2512829

QC Batch: MSV/7360 Analysis Method: EPA 5030B/8260
 QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
 Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008,
 2512829009, 2512829010, 2512829011, 2512829012, 2512829013

METHOD BLANK: 122203 Matrix: Water

Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008,
 2512829009, 2512829010, 2512829011, 2512829012, 2512829013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	07/11/12 12:57	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/11/12 12:57	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	07/11/12 12:57	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/11/12 12:57	
1,1-Dichloroethane	ug/L	ND	1.0	07/11/12 12:57	
1,1-Dichloroethene	ug/L	ND	1.0	07/11/12 12:57	
1,1-Dichloropropene	ug/L	ND	1.0	07/11/12 12:57	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/11/12 12:57	
1,2,3-Trichloropropane	ug/L	ND	1.0	07/11/12 12:57	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/11/12 12:57	
1,2,4-Trimethylbenzene	ug/L	0.15J	1.0	07/11/12 12:57	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	07/11/12 12:57	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/11/12 12:57	
1,2-Dichlorobenzene	ug/L	ND	1.0	07/11/12 12:57	
1,2-Dichloroethane	ug/L	ND	1.0	07/11/12 12:57	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	07/11/12 12:57	
1,2-Dichloropropane	ug/L	ND	1.0	07/11/12 12:57	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	07/11/12 12:57	
1,3-Dichlorobenzene	ug/L	ND	1.0	07/11/12 12:57	
1,3-Dichloropropane	ug/L	ND	1.0	07/11/12 12:57	
1,4-Dichlorobenzene	ug/L	ND	1.0	07/11/12 12:57	
2,2-Dichloropropane	ug/L	ND	1.0	07/11/12 12:57	
2-Butanone (MEK)	ug/L	ND	5.0	07/11/12 12:57	
2-Chlorotoluene	ug/L	ND	1.0	07/11/12 12:57	
2-Hexanone	ug/L	ND	5.0	07/11/12 12:57	
4-Chlorotoluene	ug/L	ND	1.0	07/11/12 12:57	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/11/12 12:57	
Acetone	ug/L	3.4J	5.0	07/11/12 12:57	
Benzene	ug/L	ND	1.0	07/11/12 12:57	
Bromobenzene	ug/L	ND	1.0	07/11/12 12:57	
Bromochloromethane	ug/L	ND	1.0	07/11/12 12:57	
Bromodichloromethane	ug/L	ND	1.0	07/11/12 12:57	
Bromoform	ug/L	ND	1.0	07/11/12 12:57	
Bromomethane	ug/L	0.19J	1.0	07/11/12 12:57	
Carbon disulfide	ug/L	ND	1.0	07/11/12 12:57	
Carbon tetrachloride	ug/L	ND	1.0	07/11/12 12:57	
Chlorobenzene	ug/L	ND	1.0	07/11/12 12:57	
Chloroethane	ug/L	ND	1.0	07/11/12 12:57	
Chloroform	ug/L	ND	1.0	07/11/12 12:57	
Chloromethane	ug/L	ND	1.0	07/11/12 12:57	
cis-1,2-Dichloroethene	ug/L	ND	1.0	07/11/12 12:57	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2512829

METHOD BLANK: 122203

Matrix: Water

Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009, 2512829010, 2512829011, 2512829012, 2512829013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/11/12 12:57	
Dibromochloromethane	ug/L	ND	1.0	07/11/12 12:57	
Dibromomethane	ug/L	ND	1.0	07/11/12 12:57	
Dichlorodifluoromethane	ug/L	ND	1.0	07/11/12 12:57	
Ethylbenzene	ug/L	ND	1.0	07/11/12 12:57	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/11/12 12:57	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	07/11/12 12:57	
m&p-Xylene	ug/L	ND	2.0	07/11/12 12:57	
Methyl-tert-butyl ether	ug/L	ND	1.0	07/11/12 12:57	
Methylene chloride	ug/L	0.77J	5.0	07/11/12 12:57	
n-Butylbenzene	ug/L	0.15J	1.0	07/11/12 12:57	
n-Propylbenzene	ug/L	ND	1.0	07/11/12 12:57	
Naphthalene	ug/L	ND	1.0	07/11/12 12:57	
o-Xylene	ug/L	ND	1.0	07/11/12 12:57	
p-Isopropyltoluene	ug/L	ND	1.0	07/11/12 12:57	
sec-Butylbenzene	ug/L	ND	1.0	07/11/12 12:57	
Styrene	ug/L	ND	1.0	07/11/12 12:57	
tert-Butylbenzene	ug/L	ND	1.0	07/11/12 12:57	
Tetrachloroethene	ug/L	ND	1.0	07/11/12 12:57	
Toluene	ug/L	ND	1.0	07/11/12 12:57	
trans-1,2-Dichloroethene	ug/L	ND	1.0	07/11/12 12:57	
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/11/12 12:57	
Trichloroethene	ug/L	ND	1.0	07/11/12 12:57	
Trichlorofluoromethane	ug/L	ND	1.0	07/11/12 12:57	
Vinyl chloride	ug/L	ND	1.0	07/11/12 12:57	
Xylene (Total)	ug/L	ND	3.0	07/11/12 12:57	
1,2-Dichloroethane-d4 (S)	%	100	72-127	07/11/12 12:57	
4-Bromofluorobenzene (S)	%	116	79-121	07/11/12 12:57	
Dibromofluoromethane (S)	%	96	81-119	07/11/12 12:57	
Toluene-d8 (S)	%	104	77-120	07/11/12 12:57	

LABORATORY CONTROL SAMPLE: 122204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.0	100	70-122	
1,1,1-Trichloroethane	ug/L	20	20.0	100	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	20.9	105	62-133	
1,1,2-Trichloroethane	ug/L	20	20.7	103	68-122	
1,1-Dichloroethane	ug/L	20	20.7	104	70-125	
1,1-Dichloroethene	ug/L	20	18.5	92	69-142	
1,1-Dichloropropene	ug/L	20	19.2	96	67-129	
1,2,3-Trichlorobenzene	ug/L	20	17.5	88	60-132	
1,2,3-Trichloropropane	ug/L	20	20.1	100	65-120	
1,2,4-Trichlorobenzene	ug/L	20	17.2	86	62-127	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2512829

LABORATORY CONTROL SAMPLE: 122204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.5	103	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	21.8	109	55-118	
1,2-Dibromoethane (EDB)	ug/L	20	20.8	104	65-123	
1,2-Dichlorobenzene	ug/L	20	20.3	101	71-118	
1,2-Dichloroethane	ug/L	20	20.3	102	63-131	
1,2-Dichloroethene (Total)	ug/L	40	39.8	99	73-134	
1,2-Dichloropropane	ug/L	20	20.8	104	70-125	
1,3,5-Trimethylbenzene	ug/L	20	20.2	101	70-123	
1,3-Dichlorobenzene	ug/L	20	20.2	101	72-119	
1,3-Dichloropropane	ug/L	20	20.7	104	69-122	
1,4-Dichlorobenzene	ug/L	20	19.5	97	70-116	
2,2-Dichloropropane	ug/L	20	19.5	98	52-149	
2-Butanone (MEK)	ug/L	40	36.2	90	45-155	
2-Chlorotoluene	ug/L	20	20.7	103	69-119	
2-Hexanone	ug/L	40	37.0	92	50-151	
4-Chlorotoluene	ug/L	20	20.5	103	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	38.2	96	61-145	
Acetone	ug/L	40	33.9	85	40-160	
Benzene	ug/L	20	19.7	99	66-123	
Bromobenzene	ug/L	20	20.4	102	68-118	
Bromochloromethane	ug/L	20	20.0	100	72-128	
Bromodichloromethane	ug/L	20	19.8	99	68-129	
Bromoform	ug/L	20	17.2	86	54-118	
Bromomethane	ug/L	20	18.1	90	43-151	
Carbon disulfide	ug/L	20	20.9	104	52-142	
Carbon tetrachloride	ug/L	20	19.8	99	67-135	
Chlorobenzene	ug/L	20	20.1	101	72-116	
Chloroethane	ug/L	20	16.8	84	48-139	
Chloroform	ug/L	20	19.6	98	71-124	
Chloromethane	ug/L	20	16.8	84	40-152	
cis-1,2-Dichloroethene	ug/L	20	20.2	101	74-133	
cis-1,3-Dichloropropene	ug/L	20	20.9	105	64-132	
Dibromochloromethane	ug/L	20	18.9	95	60-121	
Dibromomethane	ug/L	20	20.7	103	69-131	
Dichlorodifluoromethane	ug/L	20	15.1	76	40-160	
Ethylbenzene	ug/L	20	20.3	101	67-122	
Hexachloro-1,3-butadiene	ug/L	20	20.0	100	55-139	
Isopropylbenzene (Cumene)	ug/L	20	19.7	99	67-124	
m&p-Xylene	ug/L	40	39.3	98	66-122	
Methyl-tert-butyl ether	ug/L	20	19.4	97	65-138	
Methylene chloride	ug/L	20	18.1	91	58-137	
n-Butylbenzene	ug/L	20	21.0	105	68-129	
n-Propylbenzene	ug/L	20	20.4	102	66-126	
Naphthalene	ug/L	20	15.3	77	59-133	
o-Xylene	ug/L	20	19.5	97	69-123	
p-Isopropyltoluene	ug/L	20	20.5	103	69-127	
sec-Butylbenzene	ug/L	20	20.0	100	68-129	
Styrene	ug/L	20	17.8	89	72-125	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2512829

LABORATORY CONTROL SAMPLE: 122204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	20	19.7	98	58-120	
Tetrachloroethene	ug/L	20	19.8	99	40-115	
Toluene	ug/L	20	20.0	100	64-118	
trans-1,2-Dichloroethene	ug/L	20	19.6	98	70-134	
trans-1,3-Dichloropropene	ug/L	20	17.2	86	52-115	
Trichloroethene	ug/L	20	20.0	100	69-125	
Trichlorofluoromethane	ug/L	20	16.6	83	57-155	
Vinyl chloride	ug/L	20	18.4	92	53-132	
Xylene (Total)	ug/L	60	58.8	98	68-122	
1,2-Dichloroethane-d4 (S)	%			98	72-127	
4-Bromofluorobenzene (S)	%			103	79-121	
Dibromofluoromethane (S)	%			97	81-119	
Toluene-d8 (S)	%			102	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 122205 122206

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		2512829001 Result	Spike Conc.	Spike Conc.	Result							
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.7	21.2	104	106	67-132	2		
1,1,1-Trichloroethane	ug/L	ND	20	20	21.6	22.4	108	112	67-145	4		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.3	21.7	106	108	65-135	2		
1,1,2-Trichloroethane	ug/L	ND	20	20	21.9	22.1	109	111	67-126	1		
1,1-Dichloroethane	ug/L	ND	20	20	22.2	22.8	111	114	69-138	2		
1,1-Dichloroethene	ug/L	ND	20	20	20.2	20.5	101	103	68-160	1		
1,1-Dichloropropene	ug/L	ND	20	20	20.6	21.7	103	108	68-145	5		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.9	21.0	94	105	57-131	11		
1,2,3-Trichloropropane	ug/L	ND	20	20	20.7	21.1	103	106	61-123	2		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.8	19.9	89	99	58-130	11		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.9	21.3	100	106	60-136	7		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.5	23.3	113	117	48-127	4		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.6	22.0	108	110	61-127	2		
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	21.7	103	108	67-126	5		
1,2-Dichloroethane	ug/L	ND	20	20	20.8	21.5	104	107	60-138	3		
1,2-Dichloroethene (Total)	ug/L	0.57J	40	40	46.3	45.9	114	113	70-146	.8		
1,2-Dichloropropane	ug/L	ND	20	20	22.2	22.5	111	112	67-138	1		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.5	21.0	98	105	64-135	7		
1,3-Dichlorobenzene	ug/L	ND	20	20	19.8	21.2	99	106	69-128	7		
1,3-Dichloropropane	ug/L	ND	20	20	21.3	22.3	106	111	65-128	4		
1,4-Dichlorobenzene	ug/L	ND	20	20	19.2	20.7	96	103	66-124	7		
2,2-Dichloropropane	ug/L	ND	20	20	19.4	19.9	97	99	46-160	2		
2-Butanone (MEK)	ug/L	ND	40	40	38.1	37.5	95	94	40-140	2		
2-Chlorotoluene	ug/L	ND	20	20	20.6	21.8	103	109	67-129	6		
2-Hexanone	ug/L	ND	40	40	37.4	40.0	94	100	42-141	7		
4-Chlorotoluene	ug/L	ND	20	20	20.2	21.9	101	110	67-133	8		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.1	40.5	98	101	54-151	4		
Acetone	ug/L	7.0	40	40	34.0	33.1	68	65	40-155	3		
Benzene	ug/L	ND	20	20	20.9	21.7	104	108	63-138	4		

Date: 09/07/2012 08:15 AM

REPORT OF LABORATORY ANALYSIS

Page 43 of 51

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2512829

Parameter	2512829001		MS		MSD		MS		MSD		% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Bromobenzene	ug/L	ND	20	20	20.9	21.6	105	108	64-127	3				
Bromochloromethane	ug/L	ND	20	20	21.0	21.8	105	109	66-136	4				
Bromodichloromethane	ug/L	ND	20	20	20.6	21.2	103	106	65-138	3				
Bromoform	ug/L	ND	20	20	17.4	17.6	87	88	51-119	.9				
Bromomethane	ug/L	0.12J	20	20	17.9	19.5	89	97	40-158	9				
Carbon disulfide	ug/L	0.31J	20	20	23.7	23.8	117	117	56-158	.6				
Carbon tetrachloride	ug/L	ND	20	20	21.5	22.3	108	111	66-152	3				
Chlorobenzene	ug/L	ND	20	20	20.8	21.4	104	107	68-128	3				
Chloroethane	ug/L	ND	20	20	21.7	22.6	109	113	49-154	4				
Chloroform	ug/L	ND	20	20	20.9	21.7	104	108	69-137	4				
Chloromethane	ug/L	ND	20	20	17.8	18.5	89	92	40-160	3				
cis-1,2-Dichloroethene	ug/L	0.57J	20	20	25.2	24.0	123	117	69-147	5				
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.3	22.0	112	110	60-141	1				
Dibromochloromethane	ug/L	ND	20	20	19.4	19.7	97	99	56-125	1				
Dibromomethane	ug/L	ND	20	20	21.3	21.3	106	106	63-137	.2				
Dichlorodifluoromethane	ug/L	ND	20	20	15.5	14.2	77	71	40-160	8				
Ethylbenzene	ug/L	ND	20	20	20.6	21.5	103	107	65-135	4				
Hexachloro-1,3-butadiene	ug/L	ND	20	20	17.6	20.3	88	102	50-149	14				
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.8	21.0	99	105	64-137	6				
m&p-Xylene	ug/L	ND	40	40	39.3	41.7	98	104	63-134	6				
Methyl-tert-butyl ether	ug/L	ND	20	20	19.9	20.1	100	100	59-143	.9				
Methylene chloride	ug/L	ND	20	20	18.2	18.6	91	93	52-133	2				
n-Butylbenzene	ug/L	ND	20	20	19.2	22.5	96	113	65-143	16				
n-Propylbenzene	ug/L	ND	20	20	19.9	21.7	99	108	64-141	9				
Naphthalene	ug/L	ND	20	20	18.2	20.3	91	102	48-141	11				
o-Xylene	ug/L	ND	20	20	19.7	20.7	99	103	68-131	5				
p-Isopropyltoluene	ug/L	ND	20	20	19.6	21.7	98	109	69-137	10				
sec-Butylbenzene	ug/L	ND	20	20	19.5	21.3	98	107	69-139	9				
Styrene	ug/L	ND	20	20	18.0	18.8	90	94	67-135	4				
tert-Butylbenzene	ug/L	ND	20	20	20.0	21.2	100	106	61-129	6				
Tetrachloroethene	ug/L	ND	20	20	19.3	20.6	96	103	40-122	7				
Toluene	ug/L	ND	20	20	20.5	21.5	103	107	64-128	5				
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.1	21.9	105	109	66-150	4				
trans-1,3-Dichloropropene	ug/L	ND	20	20	16.7	17.9	83	89	51-116	7				
Trichloroethene	ug/L	ND	20	20	20.9	21.7	105	109	68-135	4				
Trichlorofluoromethane	ug/L	ND	20	20	18.0	17.3	90	87	54-160	4				
Vinyl chloride	ug/L	0.78J	20	20	20.0	20.6	96	99	45-155	3				
Xylene (Total)	ug/L	ND	60	60	59.1	62.4	98	104	65-133	5				
1,2-Dichloroethane-d4 (S)	%						97	98	72-127					
4-Bromofluorobenzene (S)	%						103	103	79-121					
Dibromofluoromethane (S)	%						95	97	81-119					
Toluene-d8 (S)	%						101	102	77-120					

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2512829

QC Batch: MSV/7361 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx MSV Water
 Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009, 2512829010, 2512829011, 2512829012, 2512829013

METHOD BLANK: 122209 Matrix: Water
 Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009, 2512829010, 2512829011, 2512829012, 2512829013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	ND	50.0	07/11/12 12:57	
4-Bromofluorobenzene (S)	%	116	50-150	07/11/12 12:57	

LABORATORY CONTROL SAMPLE: 122210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	453	91	65-139	
4-Bromofluorobenzene (S)	%			111	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 122211 122212

Parameter	Units	2512829001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Gasoline Range Organics	ug/L	ND	500	500	459	479	90	94	48-147	4	
4-Bromofluorobenzene (S)	%						107	109	50-150		

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2512829

QC Batch: OEXT/5772 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

METHOD BLANK: 122313 Matrix: Water
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	5.0	07/13/12 15:41	
2,4,6-Tribromophenol (S)	%	97	30-126	07/13/12 15:41	
2-Fluorobiphenyl (S)	%	83	30-110	07/13/12 15:41	
2-Fluorophenol (S)	%	46	12-110	07/13/12 15:41	
Nitrobenzene-d5 (S)	%	82	29-122	07/13/12 15:41	
Phenol-d6 (S)	%	31	10-110	07/13/12 15:41	
Terphenyl-d14 (S)	%	146	38-121	07/13/12 15:41	S6

LABORATORY CONTROL SAMPLE: 122314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	40	35.4	89	20-132	
2,4,6-Tribromophenol (S)	%			111	30-126	
2-Fluorobiphenyl (S)	%			88	30-110	
2-Fluorophenol (S)	%			45	12-110	
Nitrobenzene-d5 (S)	%			89	29-122	
Phenol-d6 (S)	%			32	10-110	
Terphenyl-d14 (S)	%			121	38-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 122315 122316

Parameter	Units	2512829001		2512829002		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					
Pentachlorophenol	ug/L	ND	38.5	39.6	34.5	35.9	90	91	20-132	4
2,4,6-Tribromophenol (S)	%						106	107	30-126	
2-Fluorobiphenyl (S)	%						81	82	30-110	
2-Fluorophenol (S)	%						38	43	12-110	
Nitrobenzene-d5 (S)	%						82	87	29-122	
Phenol-d6 (S)	%						31	31	10-110	
Terphenyl-d14 (S)	%						62	73	38-121	

QUALITY CONTROL DATA

Project: Superlon

Pace Project No.: 2512829

QC Batch: OEXT/5803 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3510 Analysis Description: NWTPH-Dx GCS SG
 Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

METHOD BLANK: 123158 Matrix: Water
 Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	ND	0.080	07/19/12 20:32	
Motor Oil Range SG	mg/L	ND	0.40	07/19/12 20:32	
n-Octacosane (S) SG	%	100	50-150	07/19/12 20:32	
o-Terphenyl (S) SG	%	94	50-150	07/19/12 20:32	

LABORATORY CONTROL SAMPLE: 123159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/L	4	3.8	94	59-114	
Motor Oil Range SG	mg/L	4	4.0	100	69-124	
n-Octacosane (S) SG	%			103	50-150	
o-Terphenyl (S) SG	%			98	50-150	

SAMPLE DUPLICATE: 123160

Parameter	Units	2512829001 Result	Dup Result	RPD	Qualifiers
Diesel Range SG	mg/L	ND	ND		
Motor Oil Range SG	mg/L	ND	ND		
n-Octacosane (S) SG	%	97	99	3	
o-Terphenyl (S) SG	%	92	93	2	

QUALITY CONTROL DATA

Project: Superlon
Pace Project No.: 2512829

QC Batch: WET/3796 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

METHOD BLANK: 122325 Matrix: Water
Associated Lab Samples: 2512829001, 2512829002, 2512829003, 2512829004, 2512829005, 2512829006, 2512829007, 2512829008, 2512829009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	2.0J	5.0	07/12/12 15:52	

LABORATORY CONTROL SAMPLE: 122326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	302	101	80-120	

SAMPLE DUPLICATE: 122327

Parameter	Units	2512829001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	2600	2650	2	

SAMPLE DUPLICATE: 122328

Parameter	Units	2512829009 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	1510	1560	3	

QUALIFIERS

Project: Superlon

Pace Project No.: 2512829

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

S6 Surrogate recovery outside control limits. Data accepted based on valid recovery of applicable surrogates (no analytes associated with this surrogate)

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 2512829

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2512829001	SUP_MW_4_070512	EPA 3510	OEXT/5803	NWTPH-Dx	GCSV/3698
2512829002	SUP_MW_3_070512	EPA 3510	OEXT/5803	NWTPH-Dx	GCSV/3698
2512829003	SUP_MW_1_070512	EPA 3510	OEXT/5803	NWTPH-Dx	GCSV/3698
2512829004	SUP_MW_EQUIP_070512	EPA 3510	OEXT/5803	NWTPH-Dx	GCSV/3698
2512829005	SUP_MW_2_070512	EPA 3510	OEXT/5803	NWTPH-Dx	GCSV/3698
2512829006	SUP_MW_5_070612	EPA 3510	OEXT/5803	NWTPH-Dx	GCSV/3698
2512829007	SUP_MW_5_070612_9	EPA 3510	OEXT/5803	NWTPH-Dx	GCSV/3698
2512829008	SUP_MW_6_070612	EPA 3510	OEXT/5803	NWTPH-Dx	GCSV/3698
2512829009	SUP_MW_7_070612	EPA 3510	OEXT/5803	NWTPH-Dx	GCSV/3698
2512829001	SUP_MW_4_070512	EPA 3010	MPRP/3176	EPA 6010	ICP/2951
2512829002	SUP_MW_3_070512	EPA 3010	MPRP/3176	EPA 6010	ICP/2951
2512829003	SUP_MW_1_070512	EPA 3010	MPRP/3176	EPA 6010	ICP/2951
2512829004	SUP_MW_EQUIP_070512	EPA 3010	MPRP/3176	EPA 6010	ICP/2951
2512829005	SUP_MW_2_070512	EPA 3010	MPRP/3176	EPA 6010	ICP/2951
2512829006	SUP_MW_5_070612	EPA 3010	MPRP/3176	EPA 6010	ICP/2951
2512829007	SUP_MW_5_070612_9	EPA 3010	MPRP/3176	EPA 6010	ICP/2951
2512829008	SUP_MW_6_070612	EPA 3010	MPRP/3176	EPA 6010	ICP/2951
2512829009	SUP_MW_7_070612	EPA 3010	MPRP/3176	EPA 6010	ICP/2951
2512829001	SUP_MW_4_070512	EPA 3010	MPRP/3184	EPA 6010	ICP/2959
2512829002	SUP_MW_3_070512	EPA 3010	MPRP/3184	EPA 6010	ICP/2959
2512829003	SUP_MW_1_070512	EPA 3010	MPRP/3184	EPA 6010	ICP/2959
2512829004	SUP_MW_EQUIP_070512	EPA 3010	MPRP/3184	EPA 6010	ICP/2959
2512829005	SUP_MW_2_070512	EPA 3010	MPRP/3184	EPA 6010	ICP/2959
2512829006	SUP_MW_5_070612	EPA 3010	MPRP/3184	EPA 6010	ICP/2959
2512829007	SUP_MW_5_070612_9	EPA 3010	MPRP/3184	EPA 6010	ICP/2959
2512829008	SUP_MW_6_070612	EPA 3010	MPRP/3184	EPA 6010	ICP/2959
2512829009	SUP_MW_7_070612	EPA 3010	MPRP/3184	EPA 6010	ICP/2959
2512829001	SUP_MW_4_070512	EPA 7470	MERP/1722	EPA 7470	MERC/1734
2512829002	SUP_MW_3_070512	EPA 7470	MERP/1722	EPA 7470	MERC/1734
2512829003	SUP_MW_1_070512	EPA 7470	MERP/1722	EPA 7470	MERC/1734
2512829004	SUP_MW_EQUIP_070512	EPA 7470	MERP/1722	EPA 7470	MERC/1734
2512829005	SUP_MW_2_070512	EPA 7470	MERP/1722	EPA 7470	MERC/1734
2512829006	SUP_MW_5_070612	EPA 7470	MERP/1722	EPA 7470	MERC/1734
2512829007	SUP_MW_5_070612_9	EPA 7470	MERP/1722	EPA 7470	MERC/1734
2512829008	SUP_MW_6_070612	EPA 7470	MERP/1722	EPA 7470	MERC/1734
2512829009	SUP_MW_7_070612	EPA 7470	MERP/1722	EPA 7470	MERC/1734
2512829001	SUP_MW_4_070512	EPA 7470	MERP/1723	EPA 7470	MERC/1735
2512829002	SUP_MW_3_070512	EPA 7470	MERP/1723	EPA 7470	MERC/1735
2512829003	SUP_MW_1_070512	EPA 7470	MERP/1723	EPA 7470	MERC/1735
2512829004	SUP_MW_EQUIP_070512	EPA 7470	MERP/1723	EPA 7470	MERC/1735
2512829005	SUP_MW_2_070512	EPA 7470	MERP/1723	EPA 7470	MERC/1735
2512829006	SUP_MW_5_070612	EPA 7470	MERP/1723	EPA 7470	MERC/1735
2512829007	SUP_MW_5_070612_9	EPA 7470	MERP/1723	EPA 7470	MERC/1735
2512829008	SUP_MW_6_070612	EPA 7470	MERP/1723	EPA 7470	MERC/1735
2512829009	SUP_MW_7_070612	EPA 7470	MERP/1723	EPA 7470	MERC/1735
2512829001	SUP_MW_4_070512	EPA 3510	OEXT/5772	EPA 8270	MSSV/2156

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon

Pace Project No.: 2512829

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2512829002	SUP_MW_3_070512	EPA 3510	OEXT/5772	EPA 8270	MSSV/2156
2512829003	SUP_MW_1_070512	EPA 3510	OEXT/5772	EPA 8270	MSSV/2156
2512829004	SUP_MW_EQUIP_070512	EPA 3510	OEXT/5772	EPA 8270	MSSV/2156
2512829005	SUP_MW_2_070512	EPA 3510	OEXT/5772	EPA 8270	MSSV/2156
2512829006	SUP_MW_5_070612	EPA 3510	OEXT/5772	EPA 8270	MSSV/2156
2512829007	SUP_MW_5_070612_9	EPA 3510	OEXT/5772	EPA 8270	MSSV/2156
2512829008	SUP_MW_6_070612	EPA 3510	OEXT/5772	EPA 8270	MSSV/2156
2512829009	SUP_MW_7_070612	EPA 3510	OEXT/5772	EPA 8270	MSSV/2156
2512829001	SUP_MW_4_070512	EPA 5030B/8260	MSV/7360		
2512829002	SUP_MW_3_070512	EPA 5030B/8260	MSV/7360		
2512829003	SUP_MW_1_070512	EPA 5030B/8260	MSV/7360		
2512829004	SUP_MW_EQUIP_070512	EPA 5030B/8260	MSV/7360		
2512829005	SUP_MW_2_070512	EPA 5030B/8260	MSV/7360		
2512829006	SUP_MW_5_070612	EPA 5030B/8260	MSV/7360		
2512829007	SUP_MW_5_070612_9	EPA 5030B/8260	MSV/7360		
2512829008	SUP_MW_6_070612	EPA 5030B/8260	MSV/7360		
2512829009	SUP_MW_7_070612	EPA 5030B/8260	MSV/7360		
2512829010	Trip Blank 1	EPA 5030B/8260	MSV/7360		
2512829011	Trip Blank 2	EPA 5030B/8260	MSV/7360		
2512829012	Trip Blank 3	EPA 5030B/8260	MSV/7360		
2512829013	Trip Blank 4	EPA 5030B/8260	MSV/7360		
2512829001	SUP_MW_4_070512	NWTPH-Gx	MSV/7361		
2512829002	SUP_MW_3_070512	NWTPH-Gx	MSV/7361		
2512829003	SUP_MW_1_070512	NWTPH-Gx	MSV/7361		
2512829004	SUP_MW_EQUIP_070512	NWTPH-Gx	MSV/7361		
2512829005	SUP_MW_2_070512	NWTPH-Gx	MSV/7361		
2512829006	SUP_MW_5_070612	NWTPH-Gx	MSV/7361		
2512829007	SUP_MW_5_070612_9	NWTPH-Gx	MSV/7361		
2512829008	SUP_MW_6_070612	NWTPH-Gx	MSV/7361		
2512829009	SUP_MW_7_070612	NWTPH-Gx	MSV/7361		
2512829010	Trip Blank 1	NWTPH-Gx	MSV/7361		
2512829011	Trip Blank 2	NWTPH-Gx	MSV/7361		
2512829012	Trip Blank 3	NWTPH-Gx	MSV/7361		
2512829013	Trip Blank 4	NWTPH-Gx	MSV/7361		
2512829001	SUP_MW_4_070512	SM 2540C	WET/3796		
2512829002	SUP_MW_3_070512	SM 2540C	WET/3796		
2512829003	SUP_MW_1_070512	SM 2540C	WET/3796		
2512829004	SUP_MW_EQUIP_070512	SM 2540C	WET/3796		
2512829005	SUP_MW_2_070512	SM 2540C	WET/3796		
2512829006	SUP_MW_5_070612	SM 2540C	WET/3796		
2512829007	SUP_MW_5_070612_9	SM 2540C	WET/3796		
2512829008	SUP_MW_6_070612	SM 2540C	WET/3796		
2512829009	SUP_MW_7_070612	SM 2540C	WET/3796		



1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Pace Analytical Seattle
Karen Jang
940 South Harney
Seattle, Washington 98108

RE: Superlon
Lab ID: 1207033

July 12, 2012

Attention Karen Jang:

Fremont Analytical, Inc. received 9 sample(s) on 7/9/2012 for the analyses presented in the following report.

Salinity by SM 2520B

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "Michelle Clements", written over a light blue horizontal line.

Michelle Clements
Sr. Chemist / Lab Manager



Date: 07/12/2012

CLIENT: Pace Analytical Seattle
Project: Superlon
Lab Order: 1207033

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1207033-001	SUP MW 4 070512	07/05/2012 10:15 AM	07/09/2012 9:35 AM
1207033-002	SUP MW 3 070512	07/05/2012 11:45 AM	07/09/2012 9:35 AM
1207033-003	SUP MW 1 070512	07/05/2012 1:45 PM	07/09/2012 9:35 AM
1207033-004	SUP MW EQUIP 070512	07/05/2012 2:30 PM	07/09/2012 9:35 AM
1207033-005	SUP MW 2 070512	07/05/2012 4:00 PM	07/09/2012 9:35 AM
1207033-006	SUP MW 5 070512	07/06/2012 9:00 AM	07/09/2012 9:35 AM
1207033-007	SUP MW 5 070512 9	07/06/2012 9:05 AM	07/09/2012 9:35 AM
1207033-008	SUP MW 6 070512	07/06/2012 10:30 AM	07/09/2012 9:35 AM
1207033-009	SUP MW 7 070512	07/06/2012 11:30 AM	07/09/2012 9:35 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Pace Analytical Seattle**Project:** Superlon

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



CLIENT: Pace Analytical Seattle

Project: Superlon

Lab ID: 1207033-001

Collection Date: 7/5/2012 10:15:00 AM

Client Sample ID: SUP MW 4 070512

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Salinity by SM 2520B

Batch ID: R4934 Analyst: SG

Salinity	2,060	1.00		ppm	1	7/11/2012 11:15:51 AM
----------	-------	------	--	-----	---	-----------------------

Lab ID: 1207033-002

Collection Date: 7/5/2012 11:45:00 AM

Client Sample ID: SUP MW 3 070512

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Salinity by SM 2520B

Batch ID: R4934 Analyst: SG

Salinity	2,540	1.00		ppm	1	7/11/2012 11:15:51 AM
----------	-------	------	--	-----	---	-----------------------

Lab ID: 1207033-003

Collection Date: 7/5/2012 1:45:00 PM

Client Sample ID: SUP MW 1 070512

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Salinity by SM 2520B

Batch ID: R4934 Analyst: SG

Salinity	1,330	1.00		ppm	1	7/11/2012 11:15:51 AM
----------	-------	------	--	-----	---	-----------------------

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



CLIENT: Pace Analytical Seattle

Project: Superlon

Lab ID: 1207033-004

Collection Date: 7/5/2012 2:30:00 PM

Client Sample ID: SUP MW EQUIP 070512

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Salinity by SM 2520B

Batch ID: R4934 Analyst: SG

Salinity	100	1.00		ppm	1	7/11/2012 11:15:51 AM
----------	-----	------	--	-----	---	-----------------------

Lab ID: 1207033-005

Collection Date: 7/5/2012 4:00:00 PM

Client Sample ID: SUP MW 2 070512

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Salinity by SM 2520B

Batch ID: R4934 Analyst: SG

Salinity	454	1.00		ppm	1	7/11/2012 11:15:51 AM
----------	-----	------	--	-----	---	-----------------------

Lab ID: 1207033-006

Collection Date: 7/6/2012 9:00:00 AM

Client Sample ID: SUP MW 5 070512

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Salinity by SM 2520B

Batch ID: R4934 Analyst: SG

Salinity	1,730	1.00		ppm	1	7/11/2012 11:15:51 AM
----------	-------	------	--	-----	---	-----------------------

Qualifiers: B Analyte detected in the associated Method Blank
 E Value above quantitation range
 J Analyte detected below quantitation limits
 RL Reporting Limit

D Dilution was required
 H Holding times for preparation or analysis exceeded
 ND Not detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits



CLIENT: Pace Analytical Seattle

Project: Superlon

Lab ID: 1207033-007

Collection Date: 7/6/2012 9:05:00 AM

Client Sample ID: SUP MW 5 070512 9

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Salinity by SM 2520B

Batch ID: R4934 Analyst: SG

Salinity	1,730	1.00		ppm	1	7/11/2012 11:15:51 AM
----------	-------	------	--	-----	---	-----------------------

Lab ID: 1207033-008

Collection Date: 7/6/2012 10:30:00 AM

Client Sample ID: SUP MW 6 070512

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Salinity by SM 2520B

Batch ID: R4934 Analyst: SG

Salinity	1,530	1.00		ppm	1	7/11/2012 11:15:51 AM
----------	-------	------	--	-----	---	-----------------------

Lab ID: 1207033-009

Collection Date: 7/6/2012 11:30:00 AM

Client Sample ID: SUP MW 7 070512

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Salinity by SM 2520B

Batch ID: R4934 Analyst: SG

Salinity	1,250	1.00		ppm	1	7/11/2012 11:15:51 AM
----------	-------	------	--	-----	---	-----------------------

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- RL Reporting Limit

- D Dilution was required
- H Holding times for preparation or analysis exceeded
- ND Not detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits



Date: 7/12/2012

Work Order: 1207033
CLIENT: Pace Analytical Seattle
Project: Superlon

QC SUMMARY REPORT
Salinity by SM 2520B

Sample ID: MB-R4934	SampType: MBLK	Units: ppm	Prep Date: 7/11/2012	RunNo: 4934							
Client ID: MBLKW	Batch ID: R4934		Analysis Date: 7/11/2012	SeqNo: 94578							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Salinity ND 1.00

Sample ID: LCS-R4934	SampType: LCS	Units: ppm	Prep Date: 7/11/2012	RunNo: 4934							
Client ID: LCSW	Batch ID: R4934		Analysis Date: 7/11/2012	SeqNo: 94579							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Salinity 988 1.00 1,000 0 98.8 70 130

Sample ID: 1207033-001ADUP	SampType: DUP	Units: ppm	Prep Date: 7/11/2012	RunNo: 4934							
Client ID: SUP MW 4 070512	Batch ID: R4934		Analysis Date: 7/11/2012	SeqNo: 94581							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Salinity 2,010 1.00 2,060 2.46 30

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client Name: **PACE**

 Work Order Number: **1207033**

 Logged by: **Troy Zehr**

 Date Received: **7/9/2012 9:35:00 AM**
Chain of Custody

1. Were custodial seals present? Yes No Not Required
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Courier

Log In

4. Coolers are present? Yes No NA
5. Was an attempt made to cool the samples? Yes No NA
6. Were all coolers received at a temperature of >0° C to 10.0°C Yes No NA
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is there headspace present in VOA vials? Yes No NA
12. Did all sample containers arrive in good condition?(unbroken) Yes No
13. Does paperwork match bottle labels? Yes No
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks/Discrepancies

Item Information

Item #	Temp °C	Condition
Cooler	2.0	Good

Chain of Custody

1207033

Pace Analytical
www.pacelabs.com

Workorder: 2512829

Workorder Name: Superior

Results Requested 7/20/2012

Report Invoice To	Subcontract To	Requested Analysis
-------------------	----------------	--------------------

Karen Jang
Pace Analytical Seattle
940 South Harney
Seattle, WA 98108
Phone (206)767-5060
Email: karen.jang@pacelabs.com

Fremont

P.O. *25SUB-0719*

Preserved Containers

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Integrity	LAB USE ONLY
1	SUP_MW_4_070512	7/5/2012 10:15	2512829001	Water		
2	SUP_MW_3_070512	7/5/2012 11:45	2512829002	Water		
3	SUP_MW_1_070512	7/5/2012 13:45	2512829003	Water		
4	SUP_MW_EQUIP_070512	7/5/2012 14:30	2512829004	Water		
5	SUP_MW_2_070512	7/5/2012 16:00	2512829005	Water		
6	SUP_MW_8_070512	7/6/2012 09:00	2512829006	Water		
7	SUP_MW_5_070512_9	7/6/2012 09:05	2512829007	Water		
8	SUP_MW_6_070512	7/6/2012 10:30	2512829008	Water		
9	SUP_MW_7_070512	7/6/2012 11:30	2512829009	Water		
10						
11						
12						
13						

XXXXXX Superior

Comments

Transfers	Released By	Date/Time	Received By	Date/Time
1	<i>Collette Wilkins</i>	<i>07/05/12 19:00</i>	<i>John</i>	<i>5:35 07/19/12</i>
2				
3				

20C

Cooler Temperature on Receipt <i>20 °C</i>	Custody Seal <i>Y</i> or N	Received on Ice <i>Y</i> or N	Samples Intact <i>Y</i> or N
--	----------------------------	-------------------------------	------------------------------

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

25 12 82 9

Page: **1** of **2**

1580136

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Pioneer Technologies Corp		Report To: Mumsun@uspioneer.com		Attention: Jeff King	
Address: 5205 Corporate Center SE Ste. A Le Roy WA 98503		Copy To:		Company Name: PERC	
Email To: Mumsun@uspioneer.com		Purchase Order No.:		Address:	
Phone: 360-570-7700 Fax:		Project Name: Superlon		Pace Quote Reference:	
Requested Due Date/TAT: Std.		Project Number:		Pace Project Manager: Karen Jang	

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

Site Location WA
STATE: WA

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																			
					COMPOSITE START		COMPOSITE END/GRAB				↓ Analysis Test ↓	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N			Y/N																		
					DATE	TIME	DATE	TIME																Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	6010 Metals (As, Pb, Cd)	Dissolved 6010 (As, Pb, Cd)	7470 Mercury	Dissolved 7470 Mercury	NWTPH-Gx	NWTPH-Dx + SG	8260 VOCs	8270 PA only	Total Dissolved Solids	Salinity
1	SUP_MW_4_070512	WT G		G			7/5/12	10:15	18	6											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
2	SUP_MW_3_070512	WT G		G			7/5/12	11:45	9	4											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
3	SUP_MW_1_070512	WT G		G			7/5/12	1:45	9	4											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
4	SUP_MW_EQUIP_070512	WT G		G			7/5/12	2:30	9	4											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
5	SUP_MW_2_070512	WT G		G			7/5/12	4:00	9	4											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
6	SUP_MW_5_070612	WT G		G			7/6/12	9:00	9	4											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
7	SUP_MW_5_070612-9	WT G		G			7/6/12	9:05	9	4											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
8	SUP_MW_6_070612	WT G		G			7/6/12	10:30	9	4											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
9	SUP_MW_7_070612	WT G		G			7/6/12	11:30	9	4											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
10	Trip Blank 1	WT							1																																
11	Trip Blank 2	WT							1																																
12	Trip Blank 3	WT							1																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
Addl QA/QC volume included with sample MW_4	<i>[Signature]</i>	7/6/12	12:15	Brian Pace	7/6/12	12:15	9.3c		
	<i>[Signature]</i>	7/6/12	1300	Colette Weaver/PACE	070612	1300	6.0c	Y	Y
							1.3c		
							1.1c		

ORIGINAL				SAMPLER NAME AND SIGNATURE					Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:		<i>[Signature]</i>			DATE Signed (MM/DD/YY):		7/6/12					
SIGNATURE of SAMPLER:		<i>[Signature]</i>			DATE Signed (MM/DD/YY):		7/6/12					

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Pioneer Technologies Corp		Report To: Munson@uspioneer.com		Attention: Jeff King	
Address: 5205 Corporate Ctr. Ct. SE Ste. A Lacey WA 98503		Copy To:		Company Name: PERC	
Email To: munson@uspioneer.com		Purchase Order No.:		Address:	
Phone: 360-576-1700 Fax:		Project Name: Superion		Pace Quote Reference:	
Requested Due Date/TAT: Std.		Project Number:		Pace Project Manager: Karen Jang	
				Pace Profile #:	
				REGULATORY AGENCY	
				<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER	
				Site Location: WA	
				STATE: WA	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓ Y/N	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.			
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	↓ Analysis Test ↓							
					DATE	TIME	DATE	TIME																		
1	Trip Blank 4		WT						1																	
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Stacy Munson	7/6/12	12:15	Bill K Pace	7/6/12	12:15	
	Bill K Pace	7/6/12	1300	Collette Weaver / PACE	07/06/12	1300	

ORIGINAL

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Stacy Munson	DATE Signed (MM/DD/YY):	7/6/12
SIGNATURE of SAMPLER:	<i>Stacy Munson</i>		
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Sample Container Count

CLIENT: Pioneer

2512829



COC PAGE 1 of 1
 COC ID# 1580136, 1580135

Trip Blank(s) Provided?
<u>Y</u> / N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG	BP2N	Comments
1	9	2 ^{LT}	3		2	1										1 ^{LT}	
2	3	1	1														
3	↓	↓	↓														
4	↓	↓	↓														
5	↓	↓	↓														
6	↓	↓	↓														
7	↓	↓	↓														
8	↓	↓	↓														
9	↓	↓	↓		↓	↓										↓	↓
10	↓																
11	↓																
12	↓																

13 1

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFU	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic		1 Wipe/Swab	U	Summa Can



Sample Condition Upon Receipt

2512829

Client Name: Pioneer

Project #

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags None Other Temp. Blank Yes No

Thermometer Used 132013 or 101731962 or 226099 Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 9.3c, 6.0c, 1.3c, 1.1c Biological Tissue is Frozen: Yes No
Temp should be above freezing ≤ 6°C

Date and Initials of person examining contents: 07/06/12 CW

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Follow Up / Hold Analysis Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>to be lab filtered</u>
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
-Includes date/time/ID/Analysis Matrix:	<u>WT</u>	
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: <u>VOA, coliform, TOC, O&G</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blanks Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Creation Date:	<u>062912</u>	

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Karen Jang

Date: 07/09/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: January 2, 2013
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 2513412 and 2513623
Sample Date(s): August 23, 2012 through September 20, 2012

This review summarizes the data quality of analytical results generated in support of the August 23rd through September 20th, 2012 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. This review summarizes the data quality in sample delivery group 2513412 and 2513623.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010. Rev 3, September 2012.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2513412 and 2513623



Delivery Group Summary

Fifty soil samples, one groundwater sample, two surface water samples, three soil field duplicates, and four trip blank were collected by Pacific Environmental Redevelopment Corporation between August 23rd and September 20th, 2012. Samples were hand delivered by a Pace representative to Pace Analytical in Seattle, Washington on August 24th, 2012 and September 20th 2012. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), total and dissolved mercury, diesel range organics, gasoline range organics, volatile organic compounds (VOCs), and total organic carbon (TOC) by methods 6010, 7470, NWTPH-Dx, NWTPH-Gx, 8260, and 9060, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 – 5.2% of the results were qualified.
- Total and dissolved mercury results by method 7470 – 16.7% of the results were qualified.
- VOC results by method 8260 – 9.8% of the results were qualified.
- Diesel range organic results by method NWTPH-Dx – 25% of the results were qualified.
- Gasoline range organic results by method NWTPH-Gx – None of the results were qualified.
- TOC results by method 2540C – None of the results were qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:				
Collected by the Field Crew			Provided by the Laboratory	
Soil = 50 Samples (3 Duplicates)	Groundwater = 1 Sample	Surface water = 2 Samples	Trip Blank (Solid) = 2 Samples	Trip Blank (Water) = 2 Sample
6010 Metals (As, Pb, Cd) 8260 VOCs 9060 TOC	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury NWTPH-Gx NWTPH-Dx	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury NWTPH-Dx NWTPH-Gx	8260 VOCs	NWTPH-Gx

Holding Time:

Criteria Used to Qualify Data Associated with Holding Times:

Representativeness

- 1) Holding Times for Soil Samples:
 - a. Due to limited information concerning holding times for soil samples, it is left to the discretion of the reviewer to apply water holding time criteria to soil samples.
- 2) Holding Times for Water Samples:
 - a. If holding times exceed:
 - i. Positive results are flagged as estimated (J).
 - ii. Negative results are flagged with the sample quantitation limit as estimated (UJ).
 - b. If holding times grossly exceed upon first analysis or re-analysis:
 - i. Positive results are flagged as estimated (J or UJ).
 - ii. Negative results are flagged as unusable (R).

Action: The following sample results exceeded holding times and were qualified based on the criteria above:

Field ID	Lab ID	Analytes/ Methods	Date Collected	Date Prepared	Date Analyzed	HT	Number of Days Past HT	Comment
SUP_SL_73_6- 8_082412	2513412034	Hexachloro-1,3-butadiene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
		Tetrachloroethene						
		Trichloroethene						
SUP_SL_73_8- 10_082412	2513412035	Hexachloro-1,3-butadiene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
		Tetrachloroethene						
		Trichloroethene						



Action: The following sample results exceeded holding times and were qualified based on the criteria above:

Field ID	Lab ID	Analytes/ Methods	Date Collected	Date Prepared	Date Analyzed	HT	Number of Days Past HT	Comment
SUP_SL_73_10- 12_082412	2513412036	Tetrachloroethene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
		Trichloroethene						
SUP_SL_73_12- 14_082412	2513412037	Tetrachloroethene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
SUP_SL_74_4- 6_082412	2513412041	p-Isopropyltoluene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
SSMW-4S	2513623008	TOC	9/12/12		10/11/12	28 days	1	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded. Analysis was run at client request.

Accuracy

Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatiles fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatiles fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both).
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatiles fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and



one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.

- 4) If any surrogate in a fraction shows less than 10% recovery:
- Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - Positive results for that fraction are flagged as estimated (J).
 - Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Methods Associated with Surrogate	Comment
SUP_SL_73_6-8_082412	2513412034	Dibromofluoromethane	48	74-126	Low	Volatile Surrogate	8260 VOCs	<p>Surrogate was outside QC limits and VOC results associated with the surrogate were qualified based on criteria 2b and 2c.</p> <p>It should be noted that the results for 1,2-dichloroethene (Total), hexachloro-1,3-butadiene, tetrachloroethene, trichloroethene, vinyl chloride, cis-1,2-dichloroethene, and trans-1,2-dichloroethene for this sample were not qualified since they were run under a separate method (8260 MSV 5035A Med Level VOA) with their own surrogate recoveries.</p>
SUP_SL_73_8-10_082412	2513412035	Dibromofluoromethane	47	74-126	Low	Volatile Surrogate	8260 VOCs	<p>Surrogate was outside QC limits and VOC results associated with the surrogate were qualified based on criteria 2b and 2c.</p> <p>It should be noted that the results for 1,2-dichloroethene (Total), cis-1,2-dichloroethene, trans-1,2-dichloroethene, hexachloro-1,3-butadiene, tetrachloroethene, trichloroethene, and vinyl chloride for this sample were not qualified since they were run under a separate method (8260 MSV 5035A Med Level VOA) with their own surrogate recoveries.</p>



Blanks:

SDG 25134120: As specified in the SAP & QAPP, method blanks were prepared and analyzed at the required frequency. All samples were transported via four coolers. Trip blanks were not prepared and analyzed at the required frequency of one trip blank per sample cooler submitted to the lab. Three of the four coolers contained trip blanks.

SDG 25136230: As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. It should be noted that there was not a method blank for TOC, however there are no requirements for method blanks for TOC in the SAP & QAPP. All samples were transported via one cooler with the trip blank.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
129084	Method Blank	SUP_GW_20_082412	2513412017	Mercury	0.000030 J	mg/L
128762	Method Blank	SUP_SL_74_6-8_082412 SUP_SL_74_8-10_082412 SUP_SL_74_10-12_082412 SUP_SL_74_12-14_082412 SUP_SL_74_12-14_082412	2513412042 2513412043 2513412044 2513412045 2513412046	Lead	0.064 J	mg/kg
131974	Method Blank	SW-SW-3-092012 SW-SW-4-092012	2513623001 2513623002	Arsenic, Dissolved	0.0040 J	mg/L

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.



Action: The following sample results were qualified due to the evaluation of blanks:			
Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Mercury		
SUP_GW_20_082412	2513412017	129084	Method Blank
Analyte:	Lead		
SUP_SL_74_6-8_082412	2513412042	128762	Method Blank
SUP_SL_74_8-10_082412	2513412043		
SUP_SL_74_10-12_082412	2513412044		
SUP_SL_74_12-14_082412	2513412045		
SUP_SL_74_14-16_082412	2513412046		
Analyte:	Arsenic, Dissolved		
SW-SW-3-092012	2513623001	131974	Method Blank
SW-SW-4-092012	2513623002		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one every 20 samples per matrix for method 8260 and one with each extraction batch for method NWTPH-Dx.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).



Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RP D	Max RPD	Bias	Comment
SUP_SL_69_2-4_082412	2513412001	128755/128756	Arsenic	-392/-426	75-125	5	20	Low	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SUP_SL_69_4-6_082412	2513412002								
SUP_SL_69_6-8_082412	2513412003								
SUP_SL_69_8-10_082412	2513412004								
SUP_SL_69_10-12_082412	2513412005								
SUP_SL_69_12-14_082412	2513412006								
SUP_SL_69_14-16_082412	2513412007								
SUP_SL_69_8-10_082412_9	2513412008	128755/128756	Lead	-427/-605	75-125	16	20	Low	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SUP_SL_70_1-2_082412	2513412009								
SUP_SL_70_2-4_082412	2513412010								
SUP_SL_70_4-6_082412	2513412011								
SUP_SL_70_6-8_082412	2513412012								
SUP_SL_70_8-10_082412	2513412013								
SUP_SL_70_10-12_082412	2513412014								
SUP_SL_70_12-14_082412	2513412015								
SUP_SL_70_14-16_082412	2513412016								
SUP_SL_71_1-2_082412	2513412018								
SUP_SL_71_2-4_082412	2513412019								
SUP_SL_71_4-6_082412	2513412020								
SUP_SL_71_6-8_082412	2513412021								



Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RP D	Max RPD	Bias	Comment
SUP_SL_71_6-8_082412_9 SUP_SL_71_8-10_082412 SUP_SL_71_10-12_082412 SUP_SL_71_12-14_082412 SUP_SL_71_14-16_082412 SUP_SL_72_4-6_082412	2513412022 2513412023 2513412024 2513412025 2513412026 2513412027	128759/128760	Arsenic	-877/ -104	75- 125	23	20	Low/ High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SUP_SL_72_6-8_082412 SUP_SL_72_8-10_082412 SUP_SL_72_10-12_082412 SUP_SL_72_12-14_082412 SUP_SL_72_14-16_082412 SUP_SL_73_2-4_082412 SUP_SL_73_6-8_082412 SUP_SL_73_8-10_082412 SUP_SL_73_10-12_082412 SUP_SL_73_12-14_082412 SUP_SL_73_14-16_082412 SUP_SL_73_14-16_082412_9 SUP_SL_74_2-4_082412 SUP_SL_74_4-6_082412	2513412028 2513412029 2513412030 2513412031 2513412032 2513412033 2513412034 2513412035 2513412036 2513412037 2513412038 2513412039 2513412040 2513412041		Lead	-1610/ -134	75- 125	24	20	Low/ High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SUP_GW_20_082412	2513412017	129258/129259	Arsenic	140/ 148	75- 125	3	20	High	MS/MSD was outside QC limits and the result associated with the MS/MSD was qualified based on criteria 2c.
SUP_SL_73_6-8_082412 SUP_SL_73_8-10_082412 SUP_SL_73_10-12_082412 SUP_SL_73_12-14_082412 SUP_SL_74_4-6_082412 SUP_SL_74_6-8_082412 SUP_SL_74_8-10_082412	2513412034 2513412035 2513412036 2513412037 2513412041 2513412042 2513412043	129264/129265	Tetrachloroethene	142/ 128	80- 112	11	30	High	MS/MSD was outside QC limits; however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.
			Trichloroethene	117/10 7	80- 112	9	30	High	MS/MSD was outside QC limits; however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.



Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RP D	Max RPD	Bias	Comment
			Vinyl Chloride	62/66	80-112	7	30	Low	MS/MSD was outside QC limits; however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.
SW-SW-3-092012 SW-SW-4-092012	2513623001 2513623002	131830/131831	Arsenic	78/133	75-125	4	20	High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SW-SW-3-092012 SW-SW-4-092012	2513623001 2513623002	131976/131977	Arsenic, Dissolved	69/131	75-125	5	20	Low/High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SW-SW-3-092012 SW-SW-4-092012	2513623001 2513623002	132187/132188	Gasoline Range Organics	102/96	61-98	6	30	High	MS/MSD was outside QC limits; however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one every 20 samples per matrix for method 7470, 8260, 6010, and one per extraction batch for method NWTPH-Dx and NWTPH-Gx.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be



qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_73_6-8_082412	2513412034	129221	Vinyl Chloride	67	80-112	--	--	Low	LCS/LCSD was outside QC limits; however, based on criteria 1b and 1c, no qualifiers were applied or changed since more than half of the analytes in the LCS/LCSD were within the required recovery.
SUP_SL_73_8-10_082412	2513412035								
SUP_SL_73_10-12_082412	2513412036								
SUP_SL_73_12-14_082412	2513412037								
SUP_SL_74_4-6_082412	2513412041								
SUP_SL_74_6-8_082412	2513412042								
SUP_SL_74_8-10_082412	2513412043								



Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_72_4-6_082412 SUP_SL_72_6-8_082412 SUP_SL_72_8-10_082412 SUP_SL_72_10-12_082412 SUP_SL_72_12-14_082412 SUP_SL_72_14-16_082412 SUP_SL_73_2-4_082412 SUP_SL_73_6-8_082412 SUP_SL_73_8-10_082412 SUP_SL_73_10-12_082412 SUP_SL_73_12-14_082412	2513412027 2513412028 2513412029 2513412030 2513412031 2513412032 2513412033 2513412034 2513412035 2513412036 2513412037	128626	tert-Amylmethyl ether	163	55-150	--	--	High	LCS/LCSD was outside QC limits and the results associated with the MS/MSD were qualified based on criteria 1a.
			Vinyl chloride	115	80-112	--	--	High	LCS/LCSD was outside QC limits and the results associated with the MS/MDS were qualified based on criteria 1a. It should be noted that the results for vinyl chloride for samples 2513412034 and 2513412035 were not qualified since they were run under a separate method (8260 MSV 5035A Med Level VOA) with their own MS/MSD.
SUP_SL_73_14-16_082412	2513412038	129143	Vinyl chloride	117	80-112	--	--	High	LCS/LCSD was outside QC limits; however based on criteria 1a, no qualifiers were applied or changed since none of the results were detected.
SUP_GW_20_082412	2513412017	128707	Diesel Range SG	103	61-98	--	--	High	LCS/LCSD was outside QC limits and the results associated with the MS/MSD were qualified based on criteria 1a.
			Motor Oil Range SG	102	61-98	--	--	High	LCS/LCSD was outside QC limits and the results associated with the MS/MSD were qualified based on criteria 1a.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 7470, NWTPH-Dx, and NWTPH-Gx.

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.



<i>Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.</i>				
Analyte	Results		Units	RPD
	SUP_SL_69_8-10_082412_9 (Lab ID – 2513412008)	SUP_SL_69_8-10_082412 (Lab ID – 2513412004)		
Arsenic	2620	2350	mg/kg	11
Cadmium	43.5	38.6		12
Lead	3360	3060		9
Analyte	Results		Units	RPD
	SUP_SL_71_6-8_082412_9 (Lab ID – 2513412022)	SUP_SL_71_6-8_082412 (Lab ID – 2513412021)		
Arsenic	822	670	mg/kg	20
Cadmium	13.7	11.6		17
Lead	1500	1320		13
<i>Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.</i>				
Analyte	Results		Units	RPD
	SUP_SL_73_14-16_082412_9 (Lab ID –2513412039)	SUP_SL_73_14-16_082412 (Lab ID – 2513412038)		
Arsenic	134	136	mg/kg	2
Cadmium	2.0	2.0		0
Lead	4.0	3.9		3
1,2,4-Trimethylbenzene	<4.3	5.3	ug/kg	21
Acetone	26.8	<12.1		76
Benzene	64.7	2.0 J		188
Carbon disulfide	4.1 J	<3.6		13
Chlorobenzene	33.9	<3.6		162
Naphthalene	<4.3	3.7		15
Tetrachloroethene	106	<3.6		187
Toluene	10.5	<3.6		98
Trichloroethene	19.3	<3.6		137
Xylene (Total)	<12.8	7.5 J		52
cis-1,2-Dichloroethene	<4.3	2.2 J		65
m&p-Xylene	<8.5	5.5 J		43
o-Xylene	<4.3	2.0 J		73



Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

SDG 2513412:

It was noted on the sample receipt that the analysis requested for the trip blanks was not able to be conducted with the amount of sample volume delivered (i.e., the sampler had 6010, 7470, and NWTPH-Dx requested on the chain-of-custody for the trip blanks but they only supplied with enough trip blanks for 8260 and NWTPH-Gx analysis). Stacy Munson was contacted and the laboratory was instructed to analyze trip blank 1 and trip blank 2 for method 8260 and trip blank 3 for method NWTPH-Gx. The sample receipt indicated that the terra vials had no date, time, or ID name, and that there was a MeOH vial with no sample for SUP_SL_72_12-14_082412; however, it appears that all of the requested analyses were conducted for the samples. The samples arrived in good condition, preserved correctly, and were on ice. It should be noted that two soil samples (SSMW7-C [2513412050] and SSMW7-S [2513412051]) were collected on 08/23/12 but were delivered to the laboratory the next day. These samples were kept in a refrigerator overnight before delivery to the laboratory. Cooler custody seals were used. The temperature of the delivery coolers were recorded at 2.4, 1.9, 3.1, and 5.1 °C and were within the required temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

The groundwater sample collected for this event (SUP_GW_20_082412 [2513412017]) should have been analyzed for total and dissolved metals using method 6020 instead of 6010 according to the SAP & QAPP. No action was taken based on this information.

Due to low recoveries in the surrogates (>10% but less than the lower acceptance limit), the detected and nondetected results for VOCs were flagged as estimated in samples SUP_SL_73_6-8_082412 (2513412034) and SUP_SL_73_8-10_082412 (2513412035). The surrogate recovery was outside control limits due to matrix interferences and was not confirmed with re-analysis. No action was taken based on this information.

The sample weight for dibromofluoromethane(S) in samples SUP_SL_72_4-6_082412 (2513412027), SUP_SL_72_10-12_082412 (2513412030), SUP_SL_72_12-14_082412 (2513412031), SUP_SL_74_2-4_082412 (2513412040), SUP_SL_74_6-8_082412 (2513412042), SUP_SL_74_8-10_082412 (2513412043), SUP_SL_74_10-12_082412 (2513412044), SUP_SL_74_12-14_082412 (2513412045), SUP_SL_74_14-16_082412 (2513412046), SUP_SL_74_4-6_082412 (2513412041), and SUP_SL_73_14-16_082412 (2513412038) did not meet method specifications. No action was taken based on this information.

The continuing calibration for the following laboratory control samples were outside of Pace analytical acceptance limits, therefore the results may be biased high. Based on this information, the detected results for the associated field sample results were qualified as estimated.

QC Sample	Associated Field ID	Associated Lab ID	Analyte
128626	SUP_SL_72_4-6_082412	2513412027	1,1-Dichloroethene
	SUP_SL_72_6-8_082412	2513412028	Tetrachloroethene ¹
	SUP_SL_72_8-10_082412	2513412029	tert-Amylmethyl ether
	SUP_SL_72_10-12_082412	2513412030	
	SUP_SL_72_12-14_082412	2513412031	
	SUP_SL_72_14-16_082412	2513412032	
	SUP_SL_73_2-4_082412	2513412033	
	SUP_SL_73_6-8_082412	2513412034	
	SUP_SL_73_8-10_082412	2513412035	
	SUP_SL_73_10-12_082412	2513412036	
SUP_SL_73_12-14_082412	2513412037		
128628	SUP_SL_73_14-16_082412	2513412039	1,1-Dichloroethene
	SUP_SL_74_2-4_082412	2513412040	Tetrachloroethene ²
	SUP_SL_74_6-8_082412	2513412042	tert-Amylmethyl ether
	SUP_SL_74_8-10_082412	2513412043	
	SUP_SL_74_10-12_082412	2513412044	
	SUP_SL_74_12-14_082412	2513412045	
	SUP_SL_74_14-16_082412	2513412046	
128907	SUP_SL_74_4-6_082412	2513412041	Vinyl chloride
129143	SUP_SL_73_14-16_082412	2513412038	Acetone

¹ The sample results for 2513412034, 2513412035, 2513412036, and 2513412037 for this analyte were not qualified since they were run under a separate method (8260 MSV 5035A Med Level VOA) with its own QC data.

² The sample result for 2513412043 for this analyte was not qualified since it was run under a separate method (8260 MSV 5035A Med Level VOA) with its own QC data.

SDG 2513623:

It was noted on the sample receipt that the 1L amber jar for SW-SW-3-092012 (2513623001) had a pH of 6 and was not in compliance with EPA recommendations. The SAP & QAPP does not specify a required pH level, however since the sample was not in compliance with EPA recommendations the results are likely biased low and the associated results were flagged as estimated (J). No additional samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact). The samples arrived in good condition, and were on ice. Cooler custody seals were used. The temperature of the delivery cooler was recorded at 3.0 °C and was within the required temperature.

Samples collected on 9/12/12, 9/13/12, and 9/14/12 were kept in a refrigerator on-site until delivery to the lab on 9/20/12.

The surface water samples (SW-SW-3-092012[2513623001] and SW-SW-4-092012 [2513623002]) for this event were analyzed using method 6010 for total and dissolved metals. According to the SAP & QAPP, these samples should have been analyzed using method 6020. No action was taken based on this discrepancy.

Overall Assessment of 2513412 and 2513623:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- One hundred forty-eight (148) sample results were qualified (see Attachment 1).
- Thirty-two detected sample results were qualified as estimated (J) due to a the continuing calibration check being outside acceptance limits and/or surrogate recoveries that exceeded control limits, MS/MSD recoveries that exceeded control limits, LCS/LCSD recoveries that exceeded control limits, or the sample did not meet EPA recommended pH requirements.



- One hundred eight nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits or surrogate recoveries that exceeded control limits.
- Seven detected sample results were qualified (B) and one detected sample result was qualified as nondetected (UB) due to method blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2513412 & 2513623

Laboratory Results												Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	CASNO	Analyte	Method Detection Limit	Practical Quantitation Limit	Reporting Limit	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SW-SW-3-092012	2513623001	EPA 6010	Water	7440-38-2	Arsenic, Dissolved	0.022	0.20	0.20	20.1	mg/L	B D4	B	Method Blank Contamination
SW-SW-4-092012	2513623002	EPA 6010	Water	7440-38-2	Arsenic, Dissolved	0.0045	0.040	0.040	5.7	mg/L	B D4	B	Method Blank Contamination
SW-SW-3-092012	2513623001	NWTPH-Dx	Water	PTC_000010	Diesel Range SG	0.038	0.076	0.076	0.31	mg/L		J	Sample Did Not Meet EPA Recommended pH Requirements
SW-SW-3-092012	2513623001	NWTPH-Dx	Water	64742-65-0	Motor Oil Range SG	0.19	0.38	0.38	0.60	mg/L		J	Sample Did Not Meet EPA Recommended pH Requirements
SUP_SL_74_6-8_082412	2513412042	EPA 6010	Solid	7439-92-1	Lead	0.073	1.2	1.2	65.0	mg/kg	B	B	Method Blank Contamination
SUP_SL_74_8-10_082412	2513412043	EPA 6010	Solid	7439-92-1	Lead	2.0	31.4	31.4	2720	mg/kg	B D4	B	Method Blank Contamination
SUP_SL_74_10-12_082412	2513412044	EPA 6010	Solid	7439-92-1	Lead	0.063	1.0	1.0	3.3	mg/kg	B	B	Method Blank Contamination
SUP_SL_74_12-14_082412	2513412045	EPA 6010	Solid	7439-92-1	Lead	0.065	1.0	1.0	171	mg/kg	B	B	Method Blank Contamination
SUP_SL_74_14-16_082412	2513412046	EPA 6010	Solid	7439-92-1	Lead	0.069	1.1	1.1	2.7	mg/kg	B	B	Method Blank Contamination
SUP_GW_20_082412	2513412017	EPA 6010	Water	7440-38-2	Arsenic	0.0022	0.010	0.010	0.91	mg/L		J	MS/MSD Recoveries Exceed Control Limits
SUP_GW_20_082412	2513412017	EPA 7470	Water	7439-97-6	Mercury	0.000010	0.00020	0.00020	0.000025	mg/L	J,B	UB	Method Blank Contamination
SUP_SL_73_2-4_082412	2513412033	EPA 8260	Solid	127-18-4	Tetrachloroethene	2.2	4.5	4.5	61.3	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	630-20-6	1,1,1,2-Tetrachloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	71-55-6	1,1,1-Trichloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	79-34-5	1,1,2,2-Tetrachloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	79-00-5	1,1,2-Trichloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-34-3	1,1-Dichloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-35-4	1,1-Dichloroethene	3.7	7.4	7.4	129	ug/kg		J	Surrogate Recoveries Exceed Control Limits; Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	563-58-6	1,1-Dichloropropene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	87-61-6	1,2,3-Trichlorobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	96-18-4	1,2,3-Trichloropropane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	120-82-1	1,2,4-Trichlorobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	95-63-6	1,2,4-Trimethylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	96-12-8	1,2-Dibromo-3-chloropropane	6.2	12.4	12.4	12.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	106-93-4	1,2-Dibromoethane (EDB)	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	95-50-1	1,2-Dichlorobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	107-06-2	1,2-Dichloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	78-87-5	1,2-Dichloropropane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-67-8	1,3,5-Trimethylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	541-73-1	1,3-Dichlorobenzene	3.7	7.4	7.4	5.8	ug/kg	J	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	142-28-9	1,3-Dichloropropane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	106-46-7	1,4-Dichlorobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	594-20-7	2,2-Dichloropropane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	78-93-3	2-Butanone (MEK)	12.4	24.8	24.8	24.8	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	95-49-8	2-Chlorotoluene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	591-78-6	2-Hexanone	12.4	24.8	24.8	24.8	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	106-43-4	4-Chlorotoluene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-10-1	4-Methyl-2-pentanone (MIBK)	12.4	24.8	24.8	24.8	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	67-64-1	Acetone	12.4	24.8	24.8	127	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	71-43-2	Benzene	3.7	7.4	7.4	50.1	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-86-1	Bromobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	74-97-5	Bromochloromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-27-4	Bromodichloromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-25-2	Bromoform	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	74-83-9	Bromomethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-15-0	Carbon disulfide	3.7	7.4	7.4	182	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	56-23-5	Carbon tetrachloride	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-90-7	Chlorobenzene	3.7	7.4	7.4	26.1	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-00-3	Chloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	67-66-3	Chloroform	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	74-87-3	Chloromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2513412 & 2513623

Laboratory Results												Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	CASNO	Analyte	Method Detection Limit	Practical Quantitation Limit	Reporting Limit	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	124-48-1	Dibromochloromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	74-95-3	Dibromomethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-71-8	Dichlorodifluoromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	100-41-4	Ethylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	98-82-8	Isopropylbenzene (Cumene)	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	1634-04-4	Methyl-tert-butyl ether	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-09-2	Methylene chloride	12.4	24.8	24.8	24.8	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	91-20-3	Naphthalene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	100-42-5	Styrene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-88-3	Toluene	3.7	7.4	7.4	109	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-69-4	Trichlorofluoromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	1330-20-7	Xylene (Total)	11.2	22.3	22.3	22.3	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	10061-01-5	cis-1,3-Dichloropropene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	179601-23-1	m&p-Xylene	7.4	14.9	14.9	14.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	104-51-8	n-Butylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	103-65-1	n-Propylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	95-47-6	o-Xylene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	99-87-6	p-Isopropyltoluene	3.7	7.4	7.4	11.4	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	135-98-8	sec-Butylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	994-05-8	tert-Amylmethyl ether	3.7	7.4	7.4	7.4	ug/kg	U,L3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	98-06-6	tert-Butylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	10061-02-6	trans-1,3-Dichloropropene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	630-20-6	1,1,1,2-Tetrachloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	71-55-6	1,1,1-Trichloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	79-34-5	1,1,2,2-Tetrachloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	79-00-5	1,1,2-Trichloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	76-13-1	1,1,2-Trichlorotrifluoroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-34-3	1,1-Dichloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-35-4	1,1-Dichloroethene	2.4	4.9	4.9	109	ug/kg		J	Surrogate Recoveries Exceed Control Limits; Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	563-58-6	1,1-Dichloropropene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	87-61-6	1,2,3-Trichlorobenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	96-18-4	1,2,3-Trichloropropane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	120-82-1	1,2,4-Trichlorobenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	95-63-6	1,2,4-Trimethylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	96-12-8	1,2-Dibromo-3-chloropropane	4.1	8.1	8.1	8.1	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	106-93-4	1,2-Dibromoethane (EDB)	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	95-50-1	1,2-Dichlorobenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	107-06-2	1,2-Dichloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	78-87-5	1,2-Dichloropropane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-67-8	1,3,5-Trimethylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	541-73-1	1,3-Dichlorobenzene	2.4	4.9	4.9	5.3	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	142-28-9	1,3-Dichloropropane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	106-46-7	1,4-Dichlorobenzene	2.4	4.9	4.9	3.5	ug/kg	J	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	594-20-7	2,2-Dichloropropane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	78-93-3	2-Butanone (MEK)	8.1	16.2	16.2	16.2	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	95-49-8	2-Chlorotoluene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	591-78-6	2-Hexanone	8.1	16.2	16.2	16.2	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	106-43-4	4-Chlorotoluene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-10-1	4-Methyl-2-pentanone (MIBK)	8.1	16.2	16.2	16.2	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	67-64-1	Acetone	8.1	16.2	16.2	93.5	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	71-43-2	Benzene	2.4	4.9	4.9	41.9	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-86-1	Bromobenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2513412 & 2513623

Laboratory Results												Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	CASNO	Analyte	Method Detection Limit	Practical Quantitation Limit	Reporting Limit	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	74-97-5	Bromochloromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-27-4	Bromodichloromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-25-2	Bromoform	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	74-83-9	Bromomethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-15-0	Carbon disulfide	2.4	4.9	4.9	134	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	56-23-5	Carbon tetrachloride	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-90-7	Chlorobenzene	2.4	4.9	4.9	29.0	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-00-3	Chloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	67-66-3	Chloroform	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	74-87-3	Chloromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	124-48-1	Dibromochloromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	74-95-3	Dibromomethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-71-8	Dichlorodifluoromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	100-41-4	Ethylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	98-82-8	Isopropylbenzene (Cumene)	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	1634-04-4	Methyl-tert-butyl ether	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-09-2	Methylene chloride	8.1	16.2	16.2	16.2	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	91-20-3	Naphthalene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	100-42-5	Styrene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-88-3	Toluene	2.4	4.9	4.9	91.5	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-69-4	Trichlorofluoromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	1330-20-7	Xylene (Total)	7.3	14.6	14.6	14.6	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	10061-01-5	cis-1,3-Dichloropropene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	179601-23-1	m&p-Xylene	4.9	9.7	9.7	9.7	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	104-51-8	n-Butylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	103-65-1	n-Propylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	95-47-6	o-Xylene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	99-87-6	p-Isopropyltoluene	2.4	4.9	4.9	4.8	ug/kg	J	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	135-98-8	sec-Butylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	994-05-8	tert-Amylmethyl ether	2.4	4.9	4.9	4.9	ug/kg	U,L3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	98-06-6	tert-Butylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	10061-02-6	trans-1,3-Dichloropropene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_10-12_082412	2513412036	EPA 8260	Solid	75-35-4	1,1-Dichloroethene	2.7	5.4	5.4	226	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_73_12-14_082412	2513412037	EPA 8260	Solid	75-01-4	Vinyl chloride	2.2	4.4	4.4	5.7	ug/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_73_14-16_082412	2513412039	EPA 8260	Solid	127-18-4	Tetrachloroethene	2.1	4.3	4.3	106	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_2-4_082412	2513412040	EPA 8260	Solid	127-18-4	Tetrachloroethene	2.7	5.4	5.4	26.9	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_6-8_082412	2513412042	EPA 8260	Solid	127-18-4	Tetrachloroethene	1.8	3.6	3.6	13.5	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_8-10_082412	2513412043	EPA 8260	Solid	75-35-4	1,1-Dichloroethene	3.7	7.3	7.3	21.9	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_10-12_082412	2513412044	EPA 8260	Solid	127-18-4	Tetrachloroethene	1.9	3.7	3.7	10.0	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_12-14_082412	2513412045	EPA 8260	Solid	127-18-4	Tetrachloroethene	2.0	4.0	4.0	43.3	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_14-16_082412	2513412046	EPA 8260	Solid	127-18-4	Tetrachloroethene	1.7	3.5	3.5	5.7	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_4-6_082412	2513412041	EPA 8260	Solid	75-01-4	Vinyl chloride	2.3	4.5	4.5	48.0	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_GW_20_082412	2513412017	NWTPH-Dx	Water	PTC_000010	Diesel Range SG	0.038	0.077	0.077	0.040	mg/L	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_GW_20_082412	2513412017	NWTPH-Dx	Water	64742-65-0	Motor Oil Range SG	0.19	0.38	0.38	0.38	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits

September 11, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon-R1 Phase III
Pace Project No.: 2513412

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 24, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Karen Jang

karen.jang@pacelabs.com
Project Manager

Enclosures

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 11888

North Carolina Certification #: 503

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

US Dept of Agriculture #: S-76505

Wisconsin Certification #: 405132750

SAMPLE SUMMARY

Project: Superlon-R1 Phase III
Pace Project No.: 2513412

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2513412001	SUP_SL_69_2-4_082412	Solid	08/24/12 08:40	08/24/12 15:15
2513412002	SUP_SL_69_4-6_082412	Solid	08/24/12 08:45	08/24/12 15:15
2513412003	SUP_SL_69_6-8_082412	Solid	08/24/12 08:50	08/24/12 15:15
2513412004	SUP_SL_69_8-10_082412	Solid	08/24/12 08:55	08/24/12 15:15
2513412005	SUP_SL_69_10-12_082412	Solid	08/24/12 09:05	08/24/12 15:15
2513412006	SUP_SL_69_12-14_082412	Solid	08/24/12 09:10	08/24/12 15:15
2513412007	SUP_SL_69_14-16_082412	Solid	08/24/12 09:15	08/24/12 15:15
2513412008	SUP_SL_69_8-10_082412_9	Solid	08/24/12 09:00	08/24/12 15:15
2513412009	SUP_SL_70_1-2_082412	Solid	08/24/12 09:20	08/24/12 15:15
2513412010	SUP_SL_70_2-4_082412	Solid	08/24/12 09:25	08/24/12 15:15
2513412011	SUP_SL_70_4-6_082412	Solid	08/24/12 09:30	08/24/12 15:15
2513412012	SUP_SL_70_6-8_082412	Solid	08/24/12 09:35	08/24/12 15:15
2513412013	SUP_SL_70_8-10_082412	Solid	08/24/12 09:40	08/24/12 15:15
2513412014	SUP_SL_70_10-12_082412	Solid	08/24/12 09:45	08/24/12 15:15
2513412015	SUP_SL_70_12-14_082412	Solid	08/24/12 09:50	08/24/12 15:15
2513412016	SUP_SL_70_14-16_082412	Solid	08/24/12 09:55	08/24/12 15:15
2513412017	SUP_GW_20_082412	Water	08/24/12 10:00	08/24/12 15:15
2513412018	SUP_SL_71_1-2_082412	Solid	08/24/12 10:05	08/24/12 15:15
2513412019	SUP_SL_71_2-4_082412	Solid	08/24/12 10:10	08/24/12 15:15
2513412020	SUP_SL_71_4-6_082412	Solid	08/24/12 10:15	08/24/12 15:15
2513412021	SUP_SL_71_6-8_082412	Solid	08/24/12 10:20	08/24/12 15:15
2513412022	SUP_SL_71_6-8_082412_9	Solid	08/24/12 10:25	08/24/12 15:15
2513412023	SUP_SL_71_8-10_082412	Solid	08/24/12 10:30	08/24/12 15:15
2513412024	SUP_SL_71_10-12_082412	Solid	08/24/12 10:35	08/24/12 15:15
2513412025	SUP_SL_71_12-14_082412	Solid	08/24/12 10:40	08/24/12 15:15
2513412026	SUP_SL_71_14-16_082412	Solid	08/24/12 10:45	08/24/12 15:15
2513412027	SUP_SL_72_4-6_082412	Solid	08/24/12 10:50	08/24/12 15:15
2513412028	SUP_SL_72_6-8_082412	Solid	08/24/12 10:55	08/24/12 15:15
2513412029	SUP_SL_72_8-10_082412	Solid	08/24/12 11:00	08/24/12 15:15
2513412030	SUP_SL_72_10-12_082412	Solid	08/24/12 11:05	08/24/12 15:15
2513412031	SUP_SL_72_12-14_082412	Solid	08/24/12 11:10	08/24/12 15:15
2513412032	SUP_SL_72_14-16_082412	Solid	08/24/12 11:15	08/24/12 15:15
2513412033	SUP_SL_73_2-4_082412	Solid	08/24/12 11:30	08/24/12 15:15
2513412034	SUP_SL_73_6-8_082412	Solid	08/24/12 11:35	08/24/12 15:15
2513412035	SUP_SL_73_8-10_082412	Solid	08/24/12 11:40	08/24/12 15:15
2513412036	SUP_SL_73_10-12_082412	Solid	08/24/12 11:45	08/24/12 15:15
2513412037	SUP_SL_73_12-14_082412	Solid	08/24/12 11:50	08/24/12 15:15

REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2513412038	SUP_SL_73_14-16_082412	Solid	08/24/12 11:55	08/24/12 15:15
2513412039	SUP_SL_73_14-16_082412_9	Solid	08/24/12 12:00	08/24/12 15:15
2513412040	SUP_SL_74_2-4_082412	Solid	08/24/12 12:05	08/24/12 15:15
2513412041	SUP_SL_74_4-6_082412	Solid	08/24/12 12:10	08/24/12 15:15
2513412042	SUP_SL_74_6-8_082412	Solid	08/24/12 12:15	08/24/12 15:15
2513412043	SUP_SL_74_8-10_082412	Solid	08/24/12 12:20	08/24/12 15:15
2513412044	SUP_SL_74_10-12_082412	Solid	08/24/12 12:25	08/24/12 15:15
2513412045	SUP_SL_74_12-14_082412	Solid	08/24/12 12:30	08/24/12 15:15
2513412046	SUP_SL_74_14-16_082412	Solid	08/24/12 12:35	08/24/12 15:15
2513412047	Trip Blank 1	Solid	08/24/12 00:00	08/24/12 15:15
2513412048	Trip Blank 2	Solid	08/24/12 00:00	08/24/12 15:15
2513412049	Trip Blank 3	Water	08/24/12 00:00	08/24/12 15:15
2513412050	SSMW7-C	Solid	08/23/12 08:35	08/24/12 15:15
2513412051	SSMW7-S	Solid	08/23/12 08:36	08/24/12 15:15

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2513412001	SUP_SL_69_2-4_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412002	SUP_SL_69_4-6_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412003	SUP_SL_69_6-8_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412004	SUP_SL_69_8-10_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412005	SUP_SL_69_10-12_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412006	SUP_SL_69_12-14_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412007	SUP_SL_69_14-16_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412008	SUP_SL_69_8-10_082412_9	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412009	SUP_SL_70_1-2_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412010	SUP_SL_70_2-4_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412011	SUP_SL_70_4-6_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412012	SUP_SL_70_6-8_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412013	SUP_SL_70_8-10_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412014	SUP_SL_70_10-12_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412015	SUP_SL_70_12-14_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412016	SUP_SL_70_14-16_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412017	SUP_GW_20_082412	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2513412018	SUP_SL_71_1-2_082412	NWTPH-Gx	LPM	2	PASI-S
		EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412019	SUP_SL_71_2-4_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
		EPA 6010	CMS	3	PASI-S
2513412020	SUP_SL_71_4-6_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
		EPA 6010	CMS	3	PASI-S
2513412021	SUP_SL_71_6-8_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
		EPA 6010	CMS	3	PASI-S
2513412022	SUP_SL_71_6-8_082412_9	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
		EPA 6010	CMS	3	PASI-S
2513412023	SUP_SL_71_8-10_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
		EPA 6010	CMS	3	PASI-S
2513412024	SUP_SL_71_10-12_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
		EPA 6010	CMS	3	PASI-S
2513412025	SUP_SL_71_12-14_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
		EPA 6010	CMS	3	PASI-S
2513412026	SUP_SL_71_14-16_082412	EPA 6010	CMS	3	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
		EPA 6010	CMS	3	PASI-S
2513412027	SUP_SL_72_4-6_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412028	SUP_SL_72_6-8_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412029	SUP_SL_72_8-10_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412030	SUP_SL_72_10-12_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412031	SUP_SL_72_12-14_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412032	SUP_SL_72_14-16_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2513412033	SUP_SL_73_2-4_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412034	SUP_SL_73_6-8_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	11	PASI-S
		EPA 8260	TLS	66	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412035	SUP_SL_73_8-10_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	11	PASI-S
		EPA 8260	TLS	66	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412036	SUP_SL_73_10-12_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	10	PASI-S
		EPA 8260	TLS	67	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412037	SUP_SL_73_12-14_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	6	PASI-S
		EPA 8260	TLS	71	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412038	SUP_SL_73_14-16_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412039	SUP_SL_73_14-16_082412_9	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412040	SUP_SL_74_2-4_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412041	SUP_SL_74_4-6_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	9	PASI-S
		EPA 8260	TLS	68	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412042	SUP_SL_74_6-8_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	LPM	9	PASI-S
		EPA 8260	TLS	68	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412043	SUP_SL_74_8-10_082412	EPA 6010	CMS	3	PASI-S

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	LPM	11	PASI-S
		EPA 8260	TLS	66	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412044	SUP_SL_74_10-12_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412045	SUP_SL_74_12-14_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412046	SUP_SL_74_14-16_082412	EPA 6010	CMS	3	PASI-S
		EPA 8260	TLS	73	PASI-S
		ASTM D2974-87	RAB	1	PASI-S
2513412047	Trip Blank 1	EPA 8260	TLS	73	PASI-S
2513412048	Trip Blank 2	EPA 8260	TLS	73	PASI-S
2513412049	Trip Blank 3	NWTPH-Gx	LPM	2	PASI-S
2513412050	SSMW7-C	EPA 9060	TJJ	6	PASI-G
2513412051	SSMW7-S	EPA 9060	TJJ	6	PASI-G

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_69_2-4_082412 **Lab ID: 2513412001** Collected: 08/24/12 08:40 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	303	mg/kg	10.3	5	08/30/12 10:10	09/05/12 09:56	7440-38-2	
Cadmium	5.1	mg/kg	2.1	5	08/30/12 10:10	09/05/12 09:56	7440-43-9	
Lead	420	mg/kg	5.2	5	08/30/12 10:10	09/05/12 09:56	7439-92-1	D4
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	8.8	%	0.10	1		09/06/12 14:49		

Sample: SUP_SL_69_4-6_082412 **Lab ID: 2513412002** Collected: 08/24/12 08:45 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	1620	mg/kg	50.7	25	08/30/12 10:10	09/05/12 12:20	7440-38-2	
Cadmium	26.7	mg/kg	10.1	25	08/30/12 10:10	09/05/12 12:20	7440-43-9	
Lead	2610	mg/kg	25.4	25	08/30/12 10:10	09/05/12 12:20	7439-92-1	D4
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	4.3	%	0.10	1		09/06/12 14:52		

Sample: SUP_SL_69_6-8_082412 **Lab ID: 2513412003** Collected: 08/24/12 08:50 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	1760	mg/kg	20.7	10	08/30/12 10:10	09/05/12 12:23	7440-38-2	
Cadmium	30.8	mg/kg	4.1	10	08/30/12 10:10	09/05/12 12:23	7440-43-9	D3
Lead	1680	mg/kg	5.2	5	08/30/12 10:10	09/05/12 10:10	7439-92-1	D4
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	7.1	%	0.10	1		09/06/12 14:56		

Sample: SUP_SL_69_8-10_082412 **Lab ID: 2513412004** Collected: 08/24/12 08:55 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	2350	mg/kg	43.4	25	08/30/12 10:10	09/05/12 12:27	7440-38-2	
Cadmium	38.6	mg/kg	8.7	25	08/30/12 10:10	09/05/12 12:27	7440-43-9	D3
Lead	3060	mg/kg	21.7	25	08/30/12 10:10	09/05/12 12:27	7439-92-1	D4

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_69_8-10_082412 **Lab ID: 2513412004** Collected: 08/24/12 08:55 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	18.3	%	0.10	1		09/06/12 14:58		

Sample: SUP_SL_69_10-12_082412 **Lab ID: 2513412005** Collected: 08/24/12 09:05 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	892	mg/kg	24.3	10	08/30/12 10:10	09/05/12 12:31	7440-38-2	
Cadmium	14.6	mg/kg	4.9	10	08/30/12 10:10	09/05/12 12:31	7440-43-9	D3
Lead	1120	mg/kg	6.1	5	08/30/12 10:10	09/05/12 10:18	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	30.8	%	0.10	1		09/06/12 14:59		

Sample: SUP_SL_69_12-14_082412 **Lab ID: 2513412006** Collected: 08/24/12 09:10 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	6.9J	mg/kg	13.6	5	08/30/12 10:10	09/05/12 10:22	7440-38-2	
Cadmium	ND	mg/kg	2.7	5	08/30/12 10:10	09/05/12 10:22	7440-43-9	D3
Lead	5.8	mg/kg	1.4	1	08/30/12 10:10	09/05/12 11:54	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	32.7	%	0.10	1		09/06/12 15:00		

Sample: SUP_SL_69_14-16_082412 **Lab ID: 2513412007** Collected: 08/24/12 09:15 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2.6	mg/kg	2.4	1	08/30/12 10:10	09/05/12 11:58	7440-38-2	
Cadmium	ND	mg/kg	0.47	1	08/30/12 10:10	09/05/12 11:58	7440-43-9	
Lead	3.9	mg/kg	1.2	1	08/30/12 10:10	09/05/12 11:58	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	21.7	%	0.10	1		09/06/12 15:02		

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_69_8-10_082412_9 **Lab ID:** 2513412008 Collected: 08/24/12 09:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2620	mg/kg	46.2	25	08/30/12 10:10	09/05/12 12:35	7440-38-2	
Cadmium	43.5	mg/kg	9.2	25	08/30/12 10:10	09/05/12 12:35	7440-43-9	D3
Lead	3360	mg/kg	23.1	25	08/30/12 10:10	09/05/12 12:35	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	15.4	%	0.10	1		09/06/12 15:03		

Sample: SUP_SL_70_1-2_082412 **Lab ID:** 2513412009 Collected: 08/24/12 09:20 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	142	mg/kg	9.2	5	08/30/12 10:10	09/05/12 12:38	7440-38-2	
Cadmium	2.1	mg/kg	1.8	5	08/30/12 10:10	09/05/12 12:38	7440-43-9	D3
Lead	187	mg/kg	0.92	1	08/30/12 10:10	09/05/12 12:09	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.1	%	0.10	1		09/06/12 15:05		

Sample: SUP_SL_70_2-4_082412 **Lab ID:** 2513412010 Collected: 08/24/12 09:25 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2220	mg/kg	37.6	20	08/30/12 10:10	09/05/12 12:42	7440-38-2	
Cadmium	36.5	mg/kg	7.5	20	08/30/12 10:10	09/05/12 12:42	7440-43-9	D3
Lead	4110	mg/kg	18.8	20	08/30/12 10:10	09/05/12 12:42	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	3.3	%	0.10	1		09/06/12 15:06		

Sample: SUP_SL_70_4-6_082412 **Lab ID:** 2513412011 Collected: 08/24/12 09:30 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2090	mg/kg	34.9	20	08/30/12 10:10	09/05/12 12:53	7440-38-2	
Cadmium	33.4	mg/kg	7.0	20	08/30/12 10:10	09/05/12 12:53	7440-43-9	D3
Lead	2960	mg/kg	17.5	20	08/30/12 10:10	09/05/12 12:53	7439-92-1	D4

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_70_4-6_082412 **Lab ID: 2513412011** Collected: 08/24/12 09:30 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	3.8 %		0.10	1		09/06/12 15:08		

Sample: SUP_SL_70_6-8_082412 **Lab ID: 2513412012** Collected: 08/24/12 09:35 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2750 mg/kg		39.4	25	08/30/12 10:10	09/05/12 12:57	7440-38-2	
Cadmium	45.2 mg/kg		7.9	25	08/30/12 10:10	09/05/12 12:57	7440-43-9	D3
Lead	4190 mg/kg		19.7	25	08/30/12 10:10	09/05/12 12:57	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	12.4 %		0.10	1		09/06/12 15:09		

Sample: SUP_SL_70_8-10_082412 **Lab ID: 2513412013** Collected: 08/24/12 09:40 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	3190 mg/kg		41.6	25	08/30/12 10:10	09/05/12 13:00	7440-38-2	
Cadmium	53.0 mg/kg		8.3	25	08/30/12 10:10	09/05/12 13:00	7440-43-9	D3
Lead	5660 mg/kg		20.8	25	08/30/12 10:10	09/05/12 13:00	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	15.9 %		0.10	1		09/06/12 15:09		

Sample: SUP_SL_70_10-12_082412 **Lab ID: 2513412014** Collected: 08/24/12 09:45 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	519 mg/kg		11.7	5	08/30/12 10:10	09/05/12 13:04	7440-38-2	
Cadmium	8.4 mg/kg		2.3	5	08/30/12 10:10	09/05/12 13:04	7440-43-9	D3
Lead	948 mg/kg		5.9	5	08/30/12 10:10	09/05/12 13:04	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	33.9 %		0.10	1		09/06/12 15:11		

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_70_12-14_082412 **Lab ID:** 2513412015 **Collected:** 08/24/12 09:50 **Received:** 08/24/12 15:15 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	7.6J	mg/kg	10	5	08/30/12 10:10	09/05/12 13:07	7440-38-2	
Cadmium	ND	mg/kg	2.0	5	08/30/12 10:10	09/05/12 13:07	7440-43-9	D3
Lead	12.0	mg/kg	1.0	1	08/30/12 10:10	09/05/12 12:12	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	30.4	%	0.10	1		09/06/12 15:26		

Sample: SUP_SL_70_14-16_082412 **Lab ID:** 2513412016 **Collected:** 08/24/12 09:55 **Received:** 08/24/12 15:15 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1.4J	mg/kg	1.7	1	08/30/12 10:10	09/05/12 12:16	7440-38-2	
Cadmium	ND	mg/kg	0.35	1	08/30/12 10:10	09/05/12 12:16	7440-43-9	
Lead	2.5	mg/kg	0.87	1	08/30/12 10:10	09/05/12 12:16	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	21.2	%	0.10	1		09/06/12 15:30		

Sample: SUP_GW_20_082412 **Lab ID:** 2513412017 **Collected:** 08/24/12 10:00 **Received:** 08/24/12 15:15 **Matrix:** Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Range SG	0.040J	mg/L	0.077	1	08/29/12 09:45	08/30/12 07:33		
Motor Oil Range SG	ND	mg/L	0.38	1	08/29/12 09:45	08/30/12 07:33	64742-65-0	
Surrogates								
n-Octacosane (S) SG	104	%	50-150	1	08/29/12 09:45	08/30/12 07:33	630-02-4	
o-Terphenyl (S) SG	92	%	50-150	1	08/29/12 09:45	08/30/12 07:33	84-15-1	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic	0.91	mg/L	0.010	1	09/06/12 10:30	09/07/12 15:11	7440-38-2	
Cadmium	0.017	mg/L	0.0050	1	09/06/12 10:30	09/07/12 15:11	7440-43-9	
Lead	0.23	mg/L	0.010	1	09/06/12 10:30	09/07/12 15:11	7439-92-1	
6010 MET ICP, Dissolved (LF)		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic, Dissolved	0.40	mg/L	0.020	1	09/06/12 12:15	09/07/12 14:28	7440-38-2	
Cadmium, Dissolved	0.0073	mg/L	0.0050	1	09/06/12 12:15	09/07/12 14:28	7440-43-9	
Lead, Dissolved	ND	mg/L	0.010	1	09/06/12 12:15	09/07/12 14:28	7439-92-1	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury	0.000025J	mg/L	0.00020	1	09/01/12 12:00	09/04/12 11:06	7439-97-6	B

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_GW_20_082412		Lab ID: 2513412017	Collected: 08/24/12 10:00	Received: 08/24/12 15:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, Dissolved (LF)		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury, Dissolved	0.000025J	mg/L	0.00020	1	09/08/12 11:35	09/10/12 11:53	7439-97-6	
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND	ug/L	50.0	1		08/29/12 08:03		
Surrogates								
4-Bromofluorobenzene (S)	96 %		50-150	1		08/29/12 08:03	460-00-4	

Sample: SUP_SL_71_1-2_082412		Lab ID: 2513412018	Collected: 08/24/12 10:05	Received: 08/24/12 15:15	Matrix: Solid			
<i>Results reported on a "dry-weight" basis</i>								
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	445	mg/kg	10.1	5	08/30/12 10:10	09/05/12 13:11	7440-38-2	
Cadmium	7.5	mg/kg	2.0	5	08/30/12 10:10	09/05/12 13:11	7440-43-9	D3
Lead	650	mg/kg	5.1	5	08/30/12 10:10	09/05/12 13:11	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.9	%	0.10	1		09/06/12 15:31		

Sample: SUP_SL_71_2-4_082412		Lab ID: 2513412019	Collected: 08/24/12 10:10	Received: 08/24/12 15:15	Matrix: Solid			
<i>Results reported on a "dry-weight" basis</i>								
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1800	mg/kg	41.7	25	08/30/12 10:10	09/05/12 13:15	7440-38-2	
Cadmium	29.3	mg/kg	8.3	25	08/30/12 10:10	09/05/12 13:15	7440-43-9	D3
Lead	3610	mg/kg	20.8	25	08/30/12 10:10	09/05/12 13:15	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	4.1	%	0.10	1		09/06/12 15:32		

Sample: SUP_SL_71_4-6_082412		Lab ID: 2513412020	Collected: 08/24/12 10:15	Received: 08/24/12 15:15	Matrix: Solid			
<i>Results reported on a "dry-weight" basis</i>								
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1840	mg/kg	30.4	20	08/30/12 10:10	09/05/12 13:18	7440-38-2	
Cadmium	30.3	mg/kg	6.1	20	08/30/12 10:10	09/05/12 13:18	7440-43-9	D3
Lead	3210	mg/kg	15.2	20	08/30/12 10:10	09/05/12 13:18	7439-92-1	D4

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_71_4-6_082412 Lab ID: 2513412020 Collected: 08/24/12 10:15 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	4.7 %		0.10	1		09/06/12 15:33		

Sample: SUP_SL_71_6-8_082412 Lab ID: 2513412021 Collected: 08/24/12 10:20 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	670 mg/kg		19.3	10	08/30/12 10:10	09/05/12 14:25	7440-38-2	
Cadmium	11.6 mg/kg		3.9	10	08/30/12 10:10	09/05/12 14:25	7440-43-9	D3
Lead	1320 mg/kg		4.8	5	08/30/12 10:10	09/05/12 11:50	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	12.0 %		0.10	1		09/06/12 15:34		

Sample: SUP_SL_71_6-8_082412_9 Lab ID: 2513412022 Collected: 08/24/12 10:25 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	822 mg/kg		17.2	10	08/30/12 10:10	09/05/12 15:23	7440-38-2	
Cadmium	13.7 mg/kg		3.4	10	08/30/12 10:10	09/05/12 15:23	7440-43-9	D3
Lead	1500 mg/kg		8.6	10	08/30/12 10:10	09/05/12 15:23	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	11.2 %		0.10	1		09/07/12 16:01		

Sample: SUP_SL_71_8-10_082412 Lab ID: 2513412023 Collected: 08/24/12 10:30 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1040 mg/kg		20.3	10	08/30/12 10:10	09/05/12 15:34	7440-38-2	
Cadmium	17.0 mg/kg		4.1	10	08/30/12 10:10	09/05/12 15:34	7440-43-9	D3
Lead	1590 mg/kg		10.2	10	08/30/12 10:10	09/05/12 15:34	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	28.2 %		0.10	1		09/07/12 16:05		

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_71_10-12_082412 **Lab ID:** 2513412024 Collected: 08/24/12 10:35 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	487	mg/kg	13.2	5	08/30/12 10:10	09/05/12 13:56	7440-38-2	
Cadmium	7.9	mg/kg	2.6	5	08/30/12 10:10	09/05/12 13:56	7440-43-9	D3
Lead	768	mg/kg	6.6	5	08/30/12 10:10	09/05/12 13:56	7439-92-1	D4
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	40.2	%	0.10	1		09/07/12 16:07		

Sample: SUP_SL_71_12-14_082412 **Lab ID:** 2513412025 Collected: 08/24/12 10:40 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	5.9J	mg/kg	12.4	5	08/30/12 10:10	09/05/12 14:00	7440-38-2	
Cadmium	ND	mg/kg	2.5	5	08/30/12 10:10	09/05/12 14:00	7440-43-9	D3
Lead	6.2	mg/kg	1.2	1	08/30/12 10:10	09/05/12 15:38	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	35.2	%	0.10	1		09/07/12 16:07		

Sample: SUP_SL_71_14-16_082412 **Lab ID:** 2513412026 Collected: 08/24/12 10:45 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1.0J	mg/kg	1.7	1	08/30/12 10:10	09/05/12 15:49	7440-38-2	
Cadmium	ND	mg/kg	0.34	1	08/30/12 10:10	09/05/12 15:49	7440-43-9	
Lead	2.0	mg/kg	0.86	1	08/30/12 10:10	09/05/12 15:49	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	21.2	%	0.10	1		09/07/12 16:13		

Sample: SUP_SL_72_4-6_082412 **Lab ID:** 2513412027 Collected: 08/24/12 10:50 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	21.7	mg/kg	4.3	2	08/30/12 10:10	09/05/12 15:52	7440-38-2	
Cadmium	0.29J	mg/kg	0.85	2	08/30/12 10:10	09/05/12 15:52	7440-43-9	D3
Lead	33.2	mg/kg	1.1	1	08/30/12 10:10	09/05/12 15:56	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_4-6_082412 Lab ID: 2513412027 Collected: 08/24/12 10:50 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7	1		08/28/12 13:13	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	2.7	1		08/28/12 13:13	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7	1		08/28/12 13:13	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	2.7	1		08/28/12 13:13	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2.7	1		08/28/12 13:13	76-13-1	
1,1-Dichloroethane	ND	ug/kg	2.7	1		08/28/12 13:13	75-34-3	
1,1-Dichloroethene	ND	ug/kg	2.7	1		08/28/12 13:13	75-35-4	
1,1-Dichloropropene	ND	ug/kg	2.7	1		08/28/12 13:13	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	2.7	1		08/28/12 13:13	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	2.7	1		08/28/12 13:13	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	2.7	1		08/28/12 13:13	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	2.7	1		08/28/12 13:13	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		08/28/12 13:13	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.7	1		08/28/12 13:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2.7	1		08/28/12 13:13	95-50-1	
1,2-Dichloroethane	ND	ug/kg	2.7	1		08/28/12 13:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.4	1		08/28/12 13:13	540-59-0	
1,2-Dichloropropane	ND	ug/kg	2.7	1		08/28/12 13:13	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	2.7	1		08/28/12 13:13	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	2.7	1		08/28/12 13:13	541-73-1	
1,3-Dichloropropane	ND	ug/kg	2.7	1		08/28/12 13:13	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	2.7	1		08/28/12 13:13	106-46-7	
2,2-Dichloropropane	ND	ug/kg	2.7	1		08/28/12 13:13	594-20-7	
2-Butanone (MEK)	ND	ug/kg	9.0	1		08/28/12 13:13	78-93-3	
2-Chlorotoluene	ND	ug/kg	2.7	1		08/28/12 13:13	95-49-8	
2-Hexanone	ND	ug/kg	9.0	1		08/28/12 13:13	591-78-6	
4-Chlorotoluene	ND	ug/kg	2.7	1		08/28/12 13:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.0	1		08/28/12 13:13	108-10-1	
Acetone	10.4	ug/kg	9.0	1		08/28/12 13:13	67-64-1	
Benzene	ND	ug/kg	2.7	1		08/28/12 13:13	71-43-2	
Bromobenzene	ND	ug/kg	2.7	1		08/28/12 13:13	108-86-1	
Bromochloromethane	ND	ug/kg	2.7	1		08/28/12 13:13	74-97-5	
Bromodichloromethane	ND	ug/kg	2.7	1		08/28/12 13:13	75-27-4	
Bromoform	ND	ug/kg	2.7	1		08/28/12 13:13	75-25-2	
Bromomethane	ND	ug/kg	2.7	1		08/28/12 13:13	74-83-9	
Carbon disulfide	ND	ug/kg	2.7	1		08/28/12 13:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	2.7	1		08/28/12 13:13	56-23-5	
Chlorobenzene	ND	ug/kg	2.7	1		08/28/12 13:13	108-90-7	
Chloroethane	ND	ug/kg	2.7	1		08/28/12 13:13	75-00-3	
Chloroform	ND	ug/kg	2.7	1		08/28/12 13:13	67-66-3	
Chloromethane	ND	ug/kg	2.7	1		08/28/12 13:13	74-87-3	
Dibromochloromethane	ND	ug/kg	2.7	1		08/28/12 13:13	124-48-1	
Dibromomethane	ND	ug/kg	2.7	1		08/28/12 13:13	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	2.7	1		08/28/12 13:13	75-71-8	
Ethylbenzene	ND	ug/kg	2.7	1		08/28/12 13:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2.7	1		08/28/12 13:13	87-68-3	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_4-6_082412 **Lab ID:** 2513412027 Collected: 08/24/12 10:50 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Isopropylbenzene (Cumene)	ND	ug/kg	2.7	1		08/28/12 13:13	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.7	1		08/28/12 13:13	1634-04-4	
Methylene chloride	ND	ug/kg	9.0	1		08/28/12 13:13	75-09-2	
Naphthalene	ND	ug/kg	2.7	1		08/28/12 13:13	91-20-3	
Styrene	ND	ug/kg	2.7	1		08/28/12 13:13	100-42-5	
Tetrachloroethene	ND	ug/kg	2.7	1		08/28/12 13:13	127-18-4	
Toluene	ND	ug/kg	2.7	1		08/28/12 13:13	108-88-3	
Trichloroethene	ND	ug/kg	2.7	1		08/28/12 13:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2.7	1		08/28/12 13:13	75-69-4	
Vinyl chloride	ND	ug/kg	2.7	1		08/28/12 13:13	75-01-4	
Xylene (Total)	ND	ug/kg	8.1	1		08/28/12 13:13	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	2.7	1		08/28/12 13:13	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	2.7	1		08/28/12 13:13	10061-01-5	
m&p-Xylene	ND	ug/kg	5.4	1		08/28/12 13:13	179601-23-1	
n-Butylbenzene	ND	ug/kg	2.7	1		08/28/12 13:13	104-51-8	
n-Propylbenzene	ND	ug/kg	2.7	1		08/28/12 13:13	103-65-1	
o-Xylene	ND	ug/kg	2.7	1		08/28/12 13:13	95-47-6	
p-Isopropyltoluene	ND	ug/kg	2.7	1		08/28/12 13:13	99-87-6	
sec-Butylbenzene	ND	ug/kg	2.7	1		08/28/12 13:13	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	2.7	1		08/28/12 13:13	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	2.7	1		08/28/12 13:13	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	2.7	1		08/28/12 13:13	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	2.7	1		08/28/12 13:13	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	104 %		74-126	1		08/28/12 13:13	1868-53-7	G2
Toluene-d8 (S)	93 %		71-130	1		08/28/12 13:13	2037-26-5	
4-Bromofluorobenzene (S)	98 %		68-141	1		08/28/12 13:13	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		68-141	1		08/28/12 13:13	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	10.6 %		0.10	1		09/07/12 16:14		
------------------	---------------	--	------	---	--	----------------	--	--

Sample: SUP_SL_72_6-8_082412 **Lab ID:** 2513412028 Collected: 08/24/12 10:55 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2810	mg/kg	30.9	10	08/30/12 10:10	09/05/12 16:00	7440-38-2	
Cadmium	583	mg/kg	3.1	5	08/30/12 10:10	09/05/12 14:21	7440-43-9	D3
Lead	1610	mg/kg	15.5	10	08/30/12 10:10	09/05/12 16:00	7439-92-1	D4
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	1		08/28/12 13:34	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		08/28/12 13:34	71-55-6	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 18 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_6-8_082412 Lab ID: 2513412028 Collected: 08/24/12 10:55 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		08/28/12 13:34	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		08/28/12 13:34	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.3	1		08/28/12 13:34	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.3	1		08/28/12 13:34	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.3	1		08/28/12 13:34	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.3	1		08/28/12 13:34	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	1		08/28/12 13:34	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.3	1		08/28/12 13:34	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1		08/28/12 13:34	120-82-1	
1,2,4-Trimethylbenzene	3.2J	ug/kg	5.3	1		08/28/12 13:34	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.8	1		08/28/12 13:34	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1		08/28/12 13:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		08/28/12 13:34	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.3	1		08/28/12 13:34	107-06-2	
1,2-Dichloroethene (Total)	6.1J	ug/kg	10.6	1		08/28/12 13:34	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.3	1		08/28/12 13:34	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1		08/28/12 13:34	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		08/28/12 13:34	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.3	1		08/28/12 13:34	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		08/28/12 13:34	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.3	1		08/28/12 13:34	594-20-7	
2-Butanone (MEK)	ND	ug/kg	17.6	1		08/28/12 13:34	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.3	1		08/28/12 13:34	95-49-8	
2-Hexanone	ND	ug/kg	17.6	1		08/28/12 13:34	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.3	1		08/28/12 13:34	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.6	1		08/28/12 13:34	108-10-1	
Acetone	93.7	ug/kg	17.6	1		08/28/12 13:34	67-64-1	
Benzene	3.3J	ug/kg	5.3	1		08/28/12 13:34	71-43-2	
Bromobenzene	ND	ug/kg	5.3	1		08/28/12 13:34	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	1		08/28/12 13:34	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	1		08/28/12 13:34	75-27-4	
Bromoform	ND	ug/kg	5.3	1		08/28/12 13:34	75-25-2	
Bromomethane	ND	ug/kg	5.3	1		08/28/12 13:34	74-83-9	
Carbon disulfide	ND	ug/kg	5.3	1		08/28/12 13:34	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.3	1		08/28/12 13:34	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		08/28/12 13:34	108-90-7	
Chloroethane	ND	ug/kg	5.3	1		08/28/12 13:34	75-00-3	
Chloroform	ND	ug/kg	5.3	1		08/28/12 13:34	67-66-3	
Chloromethane	ND	ug/kg	5.3	1		08/28/12 13:34	74-87-3	
Dibromochloromethane	ND	ug/kg	5.3	1		08/28/12 13:34	124-48-1	
Dibromomethane	ND	ug/kg	5.3	1		08/28/12 13:34	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.3	1		08/28/12 13:34	75-71-8	
Ethylbenzene	ND	ug/kg	5.3	1		08/28/12 13:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	1		08/28/12 13:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		08/28/12 13:34	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		08/28/12 13:34	1634-04-4	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 19 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_6-8_082412 Lab ID: 2513412028 Collected: 08/24/12 10:55 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Methylene chloride	ND	ug/kg	17.6	1		08/28/12 13:34	75-09-2	
Naphthalene	ND	ug/kg	5.3	1		08/28/12 13:34	91-20-3	
Styrene	ND	ug/kg	5.3	1		08/28/12 13:34	100-42-5	
Tetrachloroethene	ND	ug/kg	5.3	1		08/28/12 13:34	127-18-4	
Toluene	ND	ug/kg	5.3	1		08/28/12 13:34	108-88-3	
Trichloroethene	ND	ug/kg	5.3	1		08/28/12 13:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1		08/28/12 13:34	75-69-4	
Vinyl chloride	ND	ug/kg	5.3	1		08/28/12 13:34	75-01-4	
Xylene (Total)	ND	ug/kg	15.9	1		08/28/12 13:34	1330-20-7	
cis-1,2-Dichloroethene	6.1	ug/kg	5.3	1		08/28/12 13:34	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		08/28/12 13:34	10061-01-5	
m&p-Xylene	ND	ug/kg	10.6	1		08/28/12 13:34	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.3	1		08/28/12 13:34	104-51-8	
n-Propylbenzene	ND	ug/kg	5.3	1		08/28/12 13:34	103-65-1	
o-Xylene	ND	ug/kg	5.3	1		08/28/12 13:34	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.3	1		08/28/12 13:34	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.3	1		08/28/12 13:34	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.3	1		08/28/12 13:34	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	5.3	1		08/28/12 13:34	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		08/28/12 13:34	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		08/28/12 13:34	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	110	%	74-126	1		08/28/12 13:34	1868-53-7	
Toluene-d8 (S)	95	%	71-130	1		08/28/12 13:34	2037-26-5	
4-Bromofluorobenzene (S)	103	%	68-141	1		08/28/12 13:34	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	68-141	1		08/28/12 13:34	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	47.4	%	0.10	1		09/07/12 16:15		

Sample: SUP_SL_72_8-10_082412 Lab ID: 2513412029 Collected: 08/24/12 11:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	8170	mg/kg	58.1	25	08/30/12 10:10	09/05/12 16:03	7440-38-2	D4
Cadmium	133	mg/kg	2.3	5	08/30/12 10:10	09/05/12 14:29	7440-43-9	D3
Lead	228	mg/kg	5.8	5	08/30/12 10:10	09/05/12 14:29	7439-92-1	D4
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		08/28/12 13:55	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		08/28/12 13:55	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		08/28/12 13:55	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		08/28/12 13:55	79-00-5	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 20 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_8-10_082412 Lab ID: 2513412029 Collected: 08/24/12 11:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	1		08/28/12 13:55	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.7	1		08/28/12 13:55	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.7	1		08/28/12 13:55	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.7	1		08/28/12 13:55	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		08/28/12 13:55	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		08/28/12 13:55	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		08/28/12 13:55	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		08/28/12 13:55	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.8	1		08/28/12 13:55	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		08/28/12 13:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		08/28/12 13:55	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.7	1		08/28/12 13:55	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.3	1		08/28/12 13:55	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.7	1		08/28/12 13:55	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		08/28/12 13:55	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		08/28/12 13:55	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.7	1		08/28/12 13:55	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		08/28/12 13:55	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.7	1		08/28/12 13:55	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.5	1		08/28/12 13:55	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.7	1		08/28/12 13:55	95-49-8	
2-Hexanone	ND	ug/kg	15.5	1		08/28/12 13:55	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.7	1		08/28/12 13:55	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.5	1		08/28/12 13:55	108-10-1	
Acetone	53.3	ug/kg	15.5	1		08/28/12 13:55	67-64-1	
Benzene	ND	ug/kg	4.7	1		08/28/12 13:55	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1		08/28/12 13:55	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1		08/28/12 13:55	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1		08/28/12 13:55	75-27-4	
Bromoform	ND	ug/kg	4.7	1		08/28/12 13:55	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		08/28/12 13:55	74-83-9	
Carbon disulfide	ND	ug/kg	4.7	1		08/28/12 13:55	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		08/28/12 13:55	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		08/28/12 13:55	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		08/28/12 13:55	75-00-3	
Chloroform	ND	ug/kg	4.7	1		08/28/12 13:55	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		08/28/12 13:55	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	1		08/28/12 13:55	124-48-1	
Dibromomethane	ND	ug/kg	4.7	1		08/28/12 13:55	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.7	1		08/28/12 13:55	75-71-8	
Ethylbenzene	ND	ug/kg	4.7	1		08/28/12 13:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		08/28/12 13:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		08/28/12 13:55	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		08/28/12 13:55	1634-04-4	
Methylene chloride	ND	ug/kg	15.5	1		08/28/12 13:55	75-09-2	
Naphthalene	ND	ug/kg	4.7	1		08/28/12 13:55	91-20-3	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 21 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_8-10_082412 Lab ID: 2513412029 Collected: 08/24/12 11:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Styrene	ND	ug/kg	4.7	1		08/28/12 13:55	100-42-5	
Tetrachloroethene	ND	ug/kg	4.7	1		08/28/12 13:55	127-18-4	
Toluene	ND	ug/kg	4.7	1		08/28/12 13:55	108-88-3	
Trichloroethene	ND	ug/kg	4.7	1		08/28/12 13:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		08/28/12 13:55	75-69-4	
Vinyl chloride	ND	ug/kg	4.7	1		08/28/12 13:55	75-01-4	
Xylene (Total)	ND	ug/kg	14.0	1		08/28/12 13:55	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		08/28/12 13:55	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		08/28/12 13:55	10061-01-5	
m&p-Xylene	ND	ug/kg	9.3	1		08/28/12 13:55	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.7	1		08/28/12 13:55	104-51-8	
n-Propylbenzene	ND	ug/kg	4.7	1		08/28/12 13:55	103-65-1	
o-Xylene	ND	ug/kg	4.7	1		08/28/12 13:55	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.7	1		08/28/12 13:55	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.7	1		08/28/12 13:55	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.7	1		08/28/12 13:55	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	4.7	1		08/28/12 13:55	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		08/28/12 13:55	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		08/28/12 13:55	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	109 %		74-126	1		08/28/12 13:55	1868-53-7	
Toluene-d8 (S)	93 %		71-130	1		08/28/12 13:55	2037-26-5	
4-Bromofluorobenzene (S)	101 %		68-141	1		08/28/12 13:55	460-00-4	
1,2-Dichloroethane-d4 (S)	102 %		68-141	1		08/28/12 13:55	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	36.3 %		0.10	1		09/07/12 16:15		
------------------	---------------	--	------	---	--	----------------	--	--

Sample: SUP_SL_72_10-12_082412 Lab ID: 2513412030 Collected: 08/24/12 11:05 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2000	mg/kg	12.5	5	08/30/12 10:10	09/05/12 14:32	7440-38-2	
Cadmium	34.2	mg/kg	2.5	5	08/30/12 10:10	09/05/12 14:32	7440-43-9	D3
Lead	143	mg/kg	6.3	5	08/30/12 10:10	09/05/12 14:32	7439-92-1	D4
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	1		08/28/12 14:16	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		08/28/12 14:16	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		08/28/12 14:16	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		08/28/12 14:16	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	1		08/28/12 14:16	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.2	1		08/28/12 14:16	75-34-3	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 22 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_10-12_082412 Lab ID: 2513412030 Collected: 08/24/12 11:05 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1-Dichloroethene	ND	ug/kg	4.2	1		08/28/12 14:16	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.2	1		08/28/12 14:16	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	1		08/28/12 14:16	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.2	1		08/28/12 14:16	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		08/28/12 14:16	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		08/28/12 14:16	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	1		08/28/12 14:16	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		08/28/12 14:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		08/28/12 14:16	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.2	1		08/28/12 14:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.4	1		08/28/12 14:16	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.2	1		08/28/12 14:16	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		08/28/12 14:16	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		08/28/12 14:16	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.2	1		08/28/12 14:16	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		08/28/12 14:16	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.2	1		08/28/12 14:16	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.0	1		08/28/12 14:16	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.2	1		08/28/12 14:16	95-49-8	
2-Hexanone	ND	ug/kg	14.0	1		08/28/12 14:16	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.2	1		08/28/12 14:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.0	1		08/28/12 14:16	108-10-1	
Acetone	20.5	ug/kg	14.0	1		08/28/12 14:16	67-64-1	
Benzene	ND	ug/kg	4.2	1		08/28/12 14:16	71-43-2	
Bromobenzene	ND	ug/kg	4.2	1		08/28/12 14:16	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	1		08/28/12 14:16	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	1		08/28/12 14:16	75-27-4	
Bromoform	ND	ug/kg	4.2	1		08/28/12 14:16	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		08/28/12 14:16	74-83-9	
Carbon disulfide	ND	ug/kg	4.2	1		08/28/12 14:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		08/28/12 14:16	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		08/28/12 14:16	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		08/28/12 14:16	75-00-3	
Chloroform	ND	ug/kg	4.2	1		08/28/12 14:16	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		08/28/12 14:16	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	1		08/28/12 14:16	124-48-1	
Dibromomethane	ND	ug/kg	4.2	1		08/28/12 14:16	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.2	1		08/28/12 14:16	75-71-8	
Ethylbenzene	ND	ug/kg	4.2	1		08/28/12 14:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	1		08/28/12 14:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		08/28/12 14:16	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		08/28/12 14:16	1634-04-4	
Methylene chloride	ND	ug/kg	14.0	1		08/28/12 14:16	75-09-2	
Naphthalene	ND	ug/kg	4.2	1		08/28/12 14:16	91-20-3	
Styrene	ND	ug/kg	4.2	1		08/28/12 14:16	100-42-5	
Tetrachloroethene	ND	ug/kg	4.2	1		08/28/12 14:16	127-18-4	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_10-12_082412 Lab ID: 2513412030 Collected: 08/24/12 11:05 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Toluene	ND	ug/kg	4.2	1		08/28/12 14:16	108-88-3	
Trichloroethene	ND	ug/kg	4.2	1		08/28/12 14:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1		08/28/12 14:16	75-69-4	
Vinyl chloride	ND	ug/kg	4.2	1		08/28/12 14:16	75-01-4	
Xylene (Total)	ND	ug/kg	12.6	1		08/28/12 14:16	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		08/28/12 14:16	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		08/28/12 14:16	10061-01-5	
m&p-Xylene	ND	ug/kg	8.4	1		08/28/12 14:16	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.2	1		08/28/12 14:16	104-51-8	
n-Propylbenzene	ND	ug/kg	4.2	1		08/28/12 14:16	103-65-1	
o-Xylene	ND	ug/kg	4.2	1		08/28/12 14:16	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.2	1		08/28/12 14:16	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.2	1		08/28/12 14:16	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.2	1		08/28/12 14:16	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	4.2	1		08/28/12 14:16	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		08/28/12 14:16	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		08/28/12 14:16	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	104 %		74-126	1		08/28/12 14:16	1868-53-7	G2
Toluene-d8 (S)	94 %		71-130	1		08/28/12 14:16	2037-26-5	
4-Bromofluorobenzene (S)	99 %		68-141	1		08/28/12 14:16	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		68-141	1		08/28/12 14:16	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **39.6 %** 0.10 1 09/07/12 16:16

Sample: SUP_SL_72_12-14_082412 Lab ID: 2513412031 Collected: 08/24/12 11:10 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	2030	mg/kg	12.2	5	08/30/12 10:10	09/05/12 14:36	7440-38-2	
Cadmium	34.4	mg/kg	2.4	5	08/30/12 10:10	09/05/12 14:36	7440-43-9	D3
Lead	6.0	mg/kg	1.2	1	08/30/12 10:10	09/05/12 16:07	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1		08/28/12 14:37	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1		08/28/12 14:37	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1		08/28/12 14:37	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1		08/28/12 14:37	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	1		08/28/12 14:37	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	1		08/28/12 14:37	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	1		08/28/12 14:37	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	1		08/28/12 14:37	563-58-6	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_12-14_082412 Lab ID: 2513412031 Collected: 08/24/12 11:10 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:37	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1		08/28/12 14:37	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:37	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1		08/28/12 14:37	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	1		08/28/12 14:37	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1		08/28/12 14:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:37	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	1		08/28/12 14:37	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.5	1		08/28/12 14:37	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	1		08/28/12 14:37	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1		08/28/12 14:37	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:37	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	1		08/28/12 14:37	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:37	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	1		08/28/12 14:37	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.6	1		08/28/12 14:37	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	1		08/28/12 14:37	95-49-8	
2-Hexanone	ND	ug/kg	12.6	1		08/28/12 14:37	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	1		08/28/12 14:37	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.6	1		08/28/12 14:37	108-10-1	
Acetone	17.3	ug/kg	12.6	1		08/28/12 14:37	67-64-1	
Benzene	ND	ug/kg	3.8	1		08/28/12 14:37	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1		08/28/12 14:37	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1		08/28/12 14:37	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1		08/28/12 14:37	75-27-4	
Bromoform	ND	ug/kg	3.8	1		08/28/12 14:37	75-25-2	
Bromomethane	ND	ug/kg	3.8	1		08/28/12 14:37	74-83-9	
Carbon disulfide	ND	ug/kg	3.8	1		08/28/12 14:37	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	1		08/28/12 14:37	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:37	108-90-7	
Chloroethane	ND	ug/kg	3.8	1		08/28/12 14:37	75-00-3	
Chloroform	ND	ug/kg	3.8	1		08/28/12 14:37	67-66-3	
Chloromethane	ND	ug/kg	3.8	1		08/28/12 14:37	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	1		08/28/12 14:37	124-48-1	
Dibromomethane	ND	ug/kg	3.8	1		08/28/12 14:37	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	1		08/28/12 14:37	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	1		08/28/12 14:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1		08/28/12 14:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1		08/28/12 14:37	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1		08/28/12 14:37	1634-04-4	
Methylene chloride	ND	ug/kg	12.6	1		08/28/12 14:37	75-09-2	
Naphthalene	ND	ug/kg	3.8	1		08/28/12 14:37	91-20-3	
Styrene	ND	ug/kg	3.8	1		08/28/12 14:37	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	1		08/28/12 14:37	127-18-4	
Toluene	ND	ug/kg	3.8	1		08/28/12 14:37	108-88-3	
Trichloroethene	ND	ug/kg	3.8	1		08/28/12 14:37	79-01-6	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_12-14_082412 **Lab ID:** 2513412031 Collected: 08/24/12 11:10 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Trichlorofluoromethane	ND	ug/kg	3.8	1		08/28/12 14:37	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	1		08/28/12 14:37	75-01-4	
Xylene (Total)	ND	ug/kg	11.3	1		08/28/12 14:37	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1		08/28/12 14:37	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1		08/28/12 14:37	10061-01-5	
m&p-Xylene	ND	ug/kg	7.5	1		08/28/12 14:37	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	1		08/28/12 14:37	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	1		08/28/12 14:37	103-65-1	
o-Xylene	ND	ug/kg	3.8	1		08/28/12 14:37	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	1		08/28/12 14:37	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	1		08/28/12 14:37	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	1		08/28/12 14:37	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	3.8	1		08/28/12 14:37	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1		08/28/12 14:37	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1		08/28/12 14:37	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	109 %		74-126	1		08/28/12 14:37	1868-53-7	G2
Toluene-d8 (S)	92 %		71-130	1		08/28/12 14:37	2037-26-5	
4-Bromofluorobenzene (S)	100 %		68-141	1		08/28/12 14:37	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		68-141	1		08/28/12 14:37	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	37.0 %		0.10	1		09/07/12 16:17		

Sample: SUP_SL_72_14-16_082412 **Lab ID:** 2513412032 Collected: 08/24/12 11:15 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	980	mg/kg	11.7	5	08/30/12 10:10	09/05/12 14:40	7440-38-2	D4
Cadmium	14.4	mg/kg	0.47	1	08/30/12 10:10	09/05/12 16:11	7440-43-9	
Lead	3.1	mg/kg	1.2	1	08/30/12 10:10	09/05/12 16:11	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1		08/28/12 14:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1		08/28/12 14:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1		08/28/12 14:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1		08/28/12 14:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	1		08/28/12 14:58	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.8	1		08/28/12 14:58	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.8	1		08/28/12 14:58	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.8	1		08/28/12 14:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1		08/28/12 14:58	96-18-4	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_14-16_082412 Lab ID: 2513412032 Collected: 08/24/12 11:15 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:58	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1		08/28/12 14:58	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	1		08/28/12 14:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1		08/28/12 14:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:58	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.8	1		08/28/12 14:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.6	1		08/28/12 14:58	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.8	1		08/28/12 14:58	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1		08/28/12 14:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:58	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.8	1		08/28/12 14:58	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:58	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.8	1		08/28/12 14:58	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.7	1		08/28/12 14:58	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.8	1		08/28/12 14:58	95-49-8	
2-Hexanone	ND	ug/kg	12.7	1		08/28/12 14:58	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.8	1		08/28/12 14:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.7	1		08/28/12 14:58	108-10-1	
Acetone	29.5	ug/kg	12.7	1		08/28/12 14:58	67-64-1	
Benzene	ND	ug/kg	3.8	1		08/28/12 14:58	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1		08/28/12 14:58	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1		08/28/12 14:58	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1		08/28/12 14:58	75-27-4	
Bromoform	ND	ug/kg	3.8	1		08/28/12 14:58	75-25-2	
Bromomethane	ND	ug/kg	3.8	1		08/28/12 14:58	74-83-9	
Carbon disulfide	ND	ug/kg	3.8	1		08/28/12 14:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	1		08/28/12 14:58	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1		08/28/12 14:58	108-90-7	
Chloroethane	ND	ug/kg	3.8	1		08/28/12 14:58	75-00-3	
Chloroform	ND	ug/kg	3.8	1		08/28/12 14:58	67-66-3	
Chloromethane	ND	ug/kg	3.8	1		08/28/12 14:58	74-87-3	
Dibromochloromethane	ND	ug/kg	3.8	1		08/28/12 14:58	124-48-1	
Dibromomethane	ND	ug/kg	3.8	1		08/28/12 14:58	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.8	1		08/28/12 14:58	75-71-8	
Ethylbenzene	ND	ug/kg	3.8	1		08/28/12 14:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1		08/28/12 14:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1		08/28/12 14:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1		08/28/12 14:58	1634-04-4	
Methylene chloride	ND	ug/kg	12.7	1		08/28/12 14:58	75-09-2	
Naphthalene	ND	ug/kg	3.8	1		08/28/12 14:58	91-20-3	
Styrene	ND	ug/kg	3.8	1		08/28/12 14:58	100-42-5	
Tetrachloroethene	ND	ug/kg	3.8	1		08/28/12 14:58	127-18-4	
Toluene	ND	ug/kg	3.8	1		08/28/12 14:58	108-88-3	
Trichloroethene	ND	ug/kg	3.8	1		08/28/12 14:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1		08/28/12 14:58	75-69-4	
Vinyl chloride	ND	ug/kg	3.8	1		08/28/12 14:58	75-01-4	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_72_14-16_082412 Lab ID: 2513412032 Collected: 08/24/12 11:15 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/kg	11.4	1		08/28/12 14:58	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1		08/28/12 14:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1		08/28/12 14:58	10061-01-5	
m&p-Xylene	ND	ug/kg	7.6	1		08/28/12 14:58	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.8	1		08/28/12 14:58	104-51-8	
n-Propylbenzene	ND	ug/kg	3.8	1		08/28/12 14:58	103-65-1	
o-Xylene	ND	ug/kg	3.8	1		08/28/12 14:58	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.8	1		08/28/12 14:58	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.8	1		08/28/12 14:58	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.8	1		08/28/12 14:58	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	3.8	1		08/28/12 14:58	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1		08/28/12 14:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1		08/28/12 14:58	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	104	%	74-126	1		08/28/12 14:58	1868-53-7	
Toluene-d8 (S)	93	%	71-130	1		08/28/12 14:58	2037-26-5	
4-Bromofluorobenzene (S)	101	%	68-141	1		08/28/12 14:58	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	68-141	1		08/28/12 14:58	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **26.8** % 0.10 1 09/07/12 16:18

Sample: SUP_SL_73_2-4_082412 Lab ID: 2513412033 Collected: 08/24/12 11:30 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	505	mg/kg	4.9	2	08/30/12 10:10	09/05/12 16:14	7440-38-2	
Cadmium	9.3	mg/kg	0.99	2	08/30/12 10:10	09/05/12 16:14	7440-43-9	D3
Lead	215	mg/kg	2.5	2	08/30/12 10:10	09/05/12 16:14	7439-92-1	D4
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		08/28/12 15:18	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		08/28/12 15:18	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		08/28/12 15:18	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		08/28/12 15:18	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	1		08/28/12 15:18	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.5	1		08/28/12 15:18	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.5	1		08/28/12 15:18	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.5	1		08/28/12 15:18	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		08/28/12 15:18	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		08/28/12 15:18	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		08/28/12 15:18	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		08/28/12 15:18	95-63-6	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 28 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_2-4_082412 Lab ID: 2513412033 Collected: 08/24/12 11:30 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	1		08/28/12 15:18	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		08/28/12 15:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		08/28/12 15:18	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.5	1		08/28/12 15:18	107-06-2	
1,2-Dichloroethene (Total)	8.6J	ug/kg	9.0	1		08/28/12 15:18	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.5	1		08/28/12 15:18	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		08/28/12 15:18	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		08/28/12 15:18	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.5	1		08/28/12 15:18	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		08/28/12 15:18	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.5	1		08/28/12 15:18	594-20-7	
2-Butanone (MEK)	ND	ug/kg	15.0	1		08/28/12 15:18	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		08/28/12 15:18	95-49-8	
2-Hexanone	ND	ug/kg	15.0	1		08/28/12 15:18	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.5	1		08/28/12 15:18	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.0	1		08/28/12 15:18	108-10-1	
Acetone	80.2	ug/kg	15.0	1		08/28/12 15:18	67-64-1	
Benzene	ND	ug/kg	4.5	1		08/28/12 15:18	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		08/28/12 15:18	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		08/28/12 15:18	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		08/28/12 15:18	75-27-4	
Bromoform	ND	ug/kg	4.5	1		08/28/12 15:18	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		08/28/12 15:18	74-83-9	
Carbon disulfide	4.0J	ug/kg	4.5	1		08/28/12 15:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		08/28/12 15:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		08/28/12 15:18	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		08/28/12 15:18	75-00-3	
Chloroform	ND	ug/kg	4.5	1		08/28/12 15:18	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		08/28/12 15:18	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	1		08/28/12 15:18	124-48-1	
Dibromomethane	ND	ug/kg	4.5	1		08/28/12 15:18	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		08/28/12 15:18	75-71-8	
Ethylbenzene	ND	ug/kg	4.5	1		08/28/12 15:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		08/28/12 15:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		08/28/12 15:18	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		08/28/12 15:18	1634-04-4	
Methylene chloride	ND	ug/kg	15.0	1		08/28/12 15:18	75-09-2	
Naphthalene	ND	ug/kg	4.5	1		08/28/12 15:18	91-20-3	
Styrene	ND	ug/kg	4.5	1		08/28/12 15:18	100-42-5	
Tetrachloroethene	61.3	ug/kg	4.5	1		08/28/12 15:18	127-18-4	
Toluene	184	ug/kg	4.5	1		08/28/12 15:18	108-88-3	
Trichloroethene	27.7	ug/kg	4.5	1		08/28/12 15:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		08/28/12 15:18	75-69-4	
Vinyl chloride	ND	ug/kg	4.5	1		08/28/12 15:18	75-01-4	
Xylene (Total)	ND	ug/kg	13.5	1		08/28/12 15:18	1330-20-7	
cis-1,2-Dichloroethene	8.6	ug/kg	4.5	1		08/28/12 15:18	156-59-2	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_2-4_082412 **Lab ID: 2513412033** Collected: 08/24/12 11:30 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		08/28/12 15:18	10061-01-5	
m&p-Xylene	ND	ug/kg	9.0	1		08/28/12 15:18	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.5	1		08/28/12 15:18	104-51-8	
n-Propylbenzene	ND	ug/kg	4.5	1		08/28/12 15:18	103-65-1	
o-Xylene	ND	ug/kg	4.5	1		08/28/12 15:18	95-47-6	
p-Isopropyltoluene	10.4	ug/kg	4.5	1		08/28/12 15:18	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.5	1		08/28/12 15:18	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.5	1		08/28/12 15:18	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	4.5	1		08/28/12 15:18	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		08/28/12 15:18	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		08/28/12 15:18	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	104	%	74-126	1		08/28/12 15:18	1868-53-7	
Toluene-d8 (S)	96	%	71-130	1		08/28/12 15:18	2037-26-5	
4-Bromofluorobenzene (S)	101	%	68-141	1		08/28/12 15:18	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	68-141	1		08/28/12 15:18	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	30.8	%	0.10	1		09/07/12 16:21		
------------------	-------------	---	------	---	--	----------------	--	--

Sample: SUP_SL_73_6-8_082412 **Lab ID: 2513412034** Collected: 08/24/12 11:35 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	72.6	mg/kg	28.5	10	08/30/12 10:10	09/05/12 16:18	7440-38-2	
Cadmium	1.3	mg/kg	0.57	1	08/30/12 10:10	09/05/12 16:22	7440-43-9	
Lead	57.1	mg/kg	14.3	10	08/30/12 10:10	09/05/12 16:18	7439-92-1	D3
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A						
1,2-Dichloroethene (Total)	6090	ug/kg	387	1	09/05/12 13:59	09/05/12 18:57	540-59-0	
Hexachloro-1,3-butadiene	191000	ug/kg	9680	25	09/05/12 13:59	09/11/12 07:53	87-68-3	
Tetrachloroethene	3600000	ug/kg	38700	200	09/05/12 13:59	09/11/12 08:51	127-18-4	
Trichloroethene	230000	ug/kg	4840	25	09/05/12 13:59	09/11/12 07:53	79-01-6	
Vinyl chloride	555	ug/kg	194	1	09/05/12 13:59	09/05/12 18:57	75-01-4	
cis-1,2-Dichloroethene	5690	ug/kg	194	1	09/05/12 13:59	09/05/12 18:57	156-59-2	
trans-1,2-Dichloroethene	408	ug/kg	194	1	09/05/12 13:59	09/05/12 18:57	156-60-5	
Surrogates								
Dibromofluoromethane (S)	91	%	75-116	1	09/05/12 13:59	09/05/12 18:57	1868-53-7	
Toluene-d8 (S)	112	%	74-124	1	09/05/12 13:59	09/05/12 18:57	2037-26-5	
4-Bromofluorobenzene (S)	86	%	73-128	1	09/05/12 13:59	09/05/12 18:57	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-125	1	09/05/12 13:59	09/05/12 18:57	17060-07-0	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_6-8_082412 Lab ID: 2513412034 Collected: 08/24/12 11:35 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.4	1		08/28/12 15:39	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.4	1		08/28/12 15:39	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	1		08/28/12 15:39	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.4	1		08/28/12 15:39	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.4	1		08/28/12 15:39	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.4	1		08/28/12 15:39	75-34-3	
1,1-Dichloroethene	129	ug/kg	7.4	1		08/28/12 15:39	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.4	1		08/28/12 15:39	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.4	1		08/28/12 15:39	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.4	1		08/28/12 15:39	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	1		08/28/12 15:39	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	7.4	1		08/28/12 15:39	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.4	1		08/28/12 15:39	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	1		08/28/12 15:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.4	1		08/28/12 15:39	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.4	1		08/28/12 15:39	107-06-2	
1,2-Dichloropropane	ND	ug/kg	7.4	1		08/28/12 15:39	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.4	1		08/28/12 15:39	108-67-8	
1,3-Dichlorobenzene	5.8J	ug/kg	7.4	1		08/28/12 15:39	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.4	1		08/28/12 15:39	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.4	1		08/28/12 15:39	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.4	1		08/28/12 15:39	594-20-7	
2-Butanone (MEK)	ND	ug/kg	24.8	1		08/28/12 15:39	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.4	1		08/28/12 15:39	95-49-8	
2-Hexanone	ND	ug/kg	24.8	1		08/28/12 15:39	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.4	1		08/28/12 15:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.8	1		08/28/12 15:39	108-10-1	
Acetone	127	ug/kg	24.8	1		08/28/12 15:39	67-64-1	
Benzene	50.1	ug/kg	7.4	1		08/28/12 15:39	71-43-2	
Bromobenzene	ND	ug/kg	7.4	1		08/28/12 15:39	108-86-1	
Bromochloromethane	ND	ug/kg	7.4	1		08/28/12 15:39	74-97-5	
Bromodichloromethane	ND	ug/kg	7.4	1		08/28/12 15:39	75-27-4	
Bromoform	ND	ug/kg	7.4	1		08/28/12 15:39	75-25-2	
Bromomethane	ND	ug/kg	7.4	1		08/28/12 15:39	74-83-9	
Carbon disulfide	182	ug/kg	7.4	1		08/28/12 15:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.4	1		08/28/12 15:39	56-23-5	
Chlorobenzene	26.1	ug/kg	7.4	1		08/28/12 15:39	108-90-7	
Chloroethane	ND	ug/kg	7.4	1		08/28/12 15:39	75-00-3	
Chloroform	ND	ug/kg	7.4	1		08/28/12 15:39	67-66-3	
Chloromethane	ND	ug/kg	7.4	1		08/28/12 15:39	74-87-3	
Dibromochloromethane	ND	ug/kg	7.4	1		08/28/12 15:39	124-48-1	
Dibromomethane	ND	ug/kg	7.4	1		08/28/12 15:39	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.4	1		08/28/12 15:39	75-71-8	
Ethylbenzene	ND	ug/kg	7.4	1		08/28/12 15:39	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	1		08/28/12 15:39	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.4	1		08/28/12 15:39	1634-04-4	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 31 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_6-8_082412 Lab ID: 2513412034 Collected: 08/24/12 11:35 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Methylene chloride	ND	ug/kg	24.8	1		08/28/12 15:39	75-09-2	
Naphthalene	ND	ug/kg	7.4	1		08/28/12 15:39	91-20-3	
Styrene	ND	ug/kg	7.4	1		08/28/12 15:39	100-42-5	
Toluene	109	ug/kg	7.4	1		08/28/12 15:39	108-88-3	
Trichlorofluoromethane	ND	ug/kg	7.4	1		08/28/12 15:39	75-69-4	
Xylene (Total)	ND	ug/kg	22.3	1		08/28/12 15:39	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/kg	7.4	1		08/28/12 15:39	10061-01-5	
m&p-Xylene	ND	ug/kg	14.9	1		08/28/12 15:39	179601-23-1	
n-Butylbenzene	ND	ug/kg	7.4	1		08/28/12 15:39	104-51-8	
n-Propylbenzene	ND	ug/kg	7.4	1		08/28/12 15:39	103-65-1	
o-Xylene	ND	ug/kg	7.4	1		08/28/12 15:39	95-47-6	
p-Isopropyltoluene	11.4	ug/kg	7.4	1		08/28/12 15:39	99-87-6	
sec-Butylbenzene	ND	ug/kg	7.4	1		08/28/12 15:39	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.4	1		08/28/12 15:39	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	7.4	1		08/28/12 15:39	98-06-6	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	1		08/28/12 15:39	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	48	%	74-126	1		08/28/12 15:39	1868-53-7	S5
Toluene-d8 (S)	93	%	71-130	1		08/28/12 15:39	2037-26-5	
4-Bromofluorobenzene (S)	99	%	68-141	1		08/28/12 15:39	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	68-141	1		08/28/12 15:39	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 51.6 % 0.10 1 09/07/12 16:23

Sample: SUP_SL_73_8-10_082412 Lab ID: 2513412035 Collected: 08/24/12 11:40 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	660	mg/kg	6.4	2	08/30/12 10:10	09/05/12 16:33	7440-38-2	
Cadmium	11.4	mg/kg	1.3	2	08/30/12 10:10	09/05/12 16:33	7440-43-9	D3
Lead	192	mg/kg	8.0	5	08/30/12 10:10	09/05/12 14:50	7439-92-1	D4
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A						
1,2-Dichloroethene (Total)	4070	ug/kg	294	1	09/05/12 13:59	09/05/12 19:15	540-59-0	
cis-1,2-Dichloroethene	3800	ug/kg	147	1	09/05/12 13:59	09/05/12 19:15	156-59-2	
trans-1,2-Dichloroethene	270	ug/kg	147	1	09/05/12 13:59	09/05/12 19:15	156-60-5	
Hexachloro-1,3-butadiene	106000	ug/kg	7340	25	09/05/12 13:59	09/11/12 08:13	87-68-3	
Tetrachloroethene	1500000	ug/kg	29400	200	09/05/12 13:59	09/11/12 09:13	127-18-4	
Trichloroethene	165000	ug/kg	3670	25	09/05/12 13:59	09/11/12 08:13	79-01-6	
Vinyl chloride	322	ug/kg	147	1	09/05/12 13:59	09/05/12 19:15	75-01-4	
Surrogates								
Dibromofluoromethane (S)	89	%	75-116	1	09/05/12 13:59	09/05/12 19:15	1868-53-7	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 32 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_8-10_082412 Lab ID: 2513412035 Collected: 08/24/12 11:40 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A Med Level VOA Analytical Method: EPA 8260 Preparation Method: EPA 5035A								
Surrogates								
Toluene-d8 (S)	112 %		74-124	1	09/05/12 13:59	09/05/12 19:15	2037-26-5	
4-Bromofluorobenzene (S)	88 %		73-128	1	09/05/12 13:59	09/05/12 19:15	460-00-4	
1,2-Dichloroethane-d4 (S)	91 %		70-125	1	09/05/12 13:59	09/05/12 19:15	17060-07-0	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	93.5	ug/kg	16.2	1		08/28/12 15:59	67-64-1	
tert-Amylmethyl ether	ND	ug/kg	4.9	1		08/28/12 15:59	994-05-8	L3
Benzene	41.9	ug/kg	4.9	1		08/28/12 15:59	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		08/28/12 15:59	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		08/28/12 15:59	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		08/28/12 15:59	75-27-4	
Bromoform	ND	ug/kg	4.9	1		08/28/12 15:59	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		08/28/12 15:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	16.2	1		08/28/12 15:59	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		08/28/12 15:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		08/28/12 15:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		08/28/12 15:59	98-06-6	
Carbon disulfide	134	ug/kg	4.9	1		08/28/12 15:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		08/28/12 15:59	56-23-5	
Chlorobenzene	29.0	ug/kg	4.9	1		08/28/12 15:59	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		08/28/12 15:59	75-00-3	
Chloroform	ND	ug/kg	4.9	1		08/28/12 15:59	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		08/28/12 15:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		08/28/12 15:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		08/28/12 15:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	1		08/28/12 15:59	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1		08/28/12 15:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		08/28/12 15:59	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		08/28/12 15:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		08/28/12 15:59	95-50-1	
1,3-Dichlorobenzene	5.3	ug/kg	4.9	1		08/28/12 15:59	541-73-1	
1,4-Dichlorobenzene	3.5J	ug/kg	4.9	1		08/28/12 15:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		08/28/12 15:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		08/28/12 15:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		08/28/12 15:59	107-06-2	
1,1-Dichloroethene	109	ug/kg	4.9	1		08/28/12 15:59	75-35-4	
1,2-Dichloropropane	ND	ug/kg	4.9	1		08/28/12 15:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		08/28/12 15:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		08/28/12 15:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		08/28/12 15:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		08/28/12 15:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		08/28/12 15:59	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		08/28/12 15:59	100-41-4	
2-Hexanone	ND	ug/kg	16.2	1		08/28/12 15:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		08/28/12 15:59	98-82-8	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_8-10_082412 Lab ID: 2513412035 Collected: 08/24/12 11:40 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
p-Isopropyltoluene	4.8J	ug/kg	4.9	1		08/28/12 15:59	99-87-6	
Methylene chloride	ND	ug/kg	16.2	1		08/28/12 15:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.2	1		08/28/12 15:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		08/28/12 15:59	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		08/28/12 15:59	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		08/28/12 15:59	103-65-1	
Styrene	ND	ug/kg	4.9	1		08/28/12 15:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		08/28/12 15:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		08/28/12 15:59	79-34-5	
Toluene	91.5	ug/kg	4.9	1		08/28/12 15:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		08/28/12 15:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		08/28/12 15:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		08/28/12 15:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		08/28/12 15:59	79-00-5	
Trichlorofluoromethane	ND	ug/kg	4.9	1		08/28/12 15:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		08/28/12 15:59	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	1		08/28/12 15:59	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		08/28/12 15:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		08/28/12 15:59	108-67-8	
Xylene (Total)	ND	ug/kg	14.6	1		08/28/12 15:59	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	1		08/28/12 15:59	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1		08/28/12 15:59	95-47-6	
Surrogates								
Dibromofluoromethane (S)	47 %		74-126	1		08/28/12 15:59	1868-53-7	S5
Toluene-d8 (S)	97 %		71-130	1		08/28/12 15:59	2037-26-5	
4-Bromofluorobenzene (S)	101 %		68-141	1		08/28/12 15:59	460-00-4	
1,2-Dichloroethane-d4 (S)	95 %		68-141	1		08/28/12 15:59	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	40.5 %		0.10	1		09/07/12 16:24		

Sample: SUP_SL_73_10-12_082412 Lab ID: 2513412036 Collected: 08/24/12 11:45 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	626	mg/kg	6.3	2	08/30/12 10:10	09/05/12 16:36	7440-38-2	
Cadmium	10.7	mg/kg	1.3	2	08/30/12 10:10	09/05/12 16:36	7440-43-9	D3
Lead	151	mg/kg	7.8	5	08/30/12 10:10	09/05/12 14:54	7439-92-1	D4
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A						
1,2-Dichloroethene (Total)	3580	ug/kg	250	1	09/05/12 13:59	09/05/12 19:33	540-59-0	
Tetrachloroethene	105000	ug/kg	1250	10	09/05/12 13:59	09/11/12 07:14	127-18-4	
Trichloroethene	10700	ug/kg	1250	10	09/05/12 13:59	09/11/12 07:14	79-01-6	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 34 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_10-12_082412 Lab ID: 2513412036 Collected: 08/24/12 11:45 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A						
Vinyl chloride	ND	ug/kg	125	1	09/05/12 13:59	09/05/12 19:33	75-01-4	
cis-1,2-Dichloroethene	3460	ug/kg	125	1	09/05/12 13:59	09/05/12 19:33	156-59-2	
trans-1,2-Dichloroethene	122J	ug/kg	125	1	09/05/12 13:59	09/05/12 19:33	156-60-5	
Surrogates								
Dibromofluoromethane (S)	98 %		75-116	1	09/05/12 13:59	09/05/12 19:33	1868-53-7	
Toluene-d8 (S)	109 %		74-124	1	09/05/12 13:59	09/05/12 19:33	2037-26-5	
4-Bromofluorobenzene (S)	87 %		73-128	1	09/05/12 13:59	09/05/12 19:33	460-00-4	
1,2-Dichloroethane-d4 (S)	91 %		70-125	1	09/05/12 13:59	09/05/12 19:33	17060-07-0	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	1		08/28/12 16:20	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		08/28/12 16:20	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		08/28/12 16:20	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		08/28/12 16:20	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.4	1		08/28/12 16:20	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.4	1		08/28/12 16:20	75-34-3	
1,1-Dichloroethene	226	ug/kg	5.4	1		08/28/12 16:20	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.4	1		08/28/12 16:20	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	1		08/28/12 16:20	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.4	1		08/28/12 16:20	96-18-4	
1,2,4-Trichlorobenzene	2.9J	ug/kg	5.4	1		08/28/12 16:20	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1		08/28/12 16:20	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.9	1		08/28/12 16:20	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	1		08/28/12 16:20	106-93-4	
1,2-Dichlorobenzene	5.9	ug/kg	5.4	1		08/28/12 16:20	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.4	1		08/28/12 16:20	107-06-2	
1,2-Dichloropropane	ND	ug/kg	5.4	1		08/28/12 16:20	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1		08/28/12 16:20	108-67-8	
1,3-Dichlorobenzene	3.1J	ug/kg	5.4	1		08/28/12 16:20	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.4	1		08/28/12 16:20	142-28-9	
1,4-Dichlorobenzene	14.0	ug/kg	5.4	1		08/28/12 16:20	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.4	1		08/28/12 16:20	594-20-7	
2-Butanone (MEK)	ND	ug/kg	17.8	1		08/28/12 16:20	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.4	1		08/28/12 16:20	95-49-8	
2-Hexanone	ND	ug/kg	17.8	1		08/28/12 16:20	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.4	1		08/28/12 16:20	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.8	1		08/28/12 16:20	108-10-1	
Acetone	319	ug/kg	17.8	1		08/28/12 16:20	67-64-1	
Benzene	90.0	ug/kg	5.4	1		08/28/12 16:20	71-43-2	
Bromobenzene	ND	ug/kg	5.4	1		08/28/12 16:20	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1		08/28/12 16:20	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	1		08/28/12 16:20	75-27-4	
Bromoform	ND	ug/kg	5.4	1		08/28/12 16:20	75-25-2	
Bromomethane	ND	ug/kg	5.4	1		08/28/12 16:20	74-83-9	
Carbon disulfide	35.0	ug/kg	5.4	1		08/28/12 16:20	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	1		08/28/12 16:20	56-23-5	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_10-12_082412 Lab ID: 2513412036 Collected: 08/24/12 11:45 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Chlorobenzene	90.6	ug/kg	5.4	1		08/28/12 16:20	108-90-7	
Chloroethane	ND	ug/kg	5.4	1		08/28/12 16:20	75-00-3	
Chloroform	ND	ug/kg	5.4	1		08/28/12 16:20	67-66-3	
Chloromethane	ND	ug/kg	5.4	1		08/28/12 16:20	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	1		08/28/12 16:20	124-48-1	
Dibromomethane	ND	ug/kg	5.4	1		08/28/12 16:20	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.4	1		08/28/12 16:20	75-71-8	
Ethylbenzene	ND	ug/kg	5.4	1		08/28/12 16:20	100-41-4	
Hexachloro-1,3-butadiene	224	ug/kg	5.4	1		08/28/12 16:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		08/28/12 16:20	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		08/28/12 16:20	1634-04-4	
Methylene chloride	ND	ug/kg	17.8	1		08/28/12 16:20	75-09-2	
Naphthalene	4.6J	ug/kg	5.4	1		08/28/12 16:20	91-20-3	
Styrene	ND	ug/kg	5.4	1		08/28/12 16:20	100-42-5	
Toluene	82.1	ug/kg	5.4	1		08/28/12 16:20	108-88-3	
Trichlorofluoromethane	ND	ug/kg	5.4	1		08/28/12 16:20	75-69-4	
Xylene (Total)	9.1J	ug/kg	16.1	1		08/28/12 16:20	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		08/28/12 16:20	10061-01-5	
m&p-Xylene	6.6J	ug/kg	10.7	1		08/28/12 16:20	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.4	1		08/28/12 16:20	104-51-8	
n-Propylbenzene	ND	ug/kg	5.4	1		08/28/12 16:20	103-65-1	
o-Xylene	ND	ug/kg	5.4	1		08/28/12 16:20	95-47-6	
p-Isopropyltoluene	ND	ug/kg	5.4	1		08/28/12 16:20	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.4	1		08/28/12 16:20	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.4	1		08/28/12 16:20	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	5.4	1		08/28/12 16:20	98-06-6	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		08/28/12 16:20	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	104	%	74-126	1		08/28/12 16:20	1868-53-7	
Toluene-d8 (S)	100	%	71-130	1		08/28/12 16:20	2037-26-5	
4-Bromofluorobenzene (S)	101	%	68-141	1		08/28/12 16:20	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	68-141	1		08/28/12 16:20	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 39.2 % 0.10 1 09/07/12 16:25

Sample: SUP_SL_73_12-14_082412 Lab ID: 2513412037 Collected: 08/24/12 11:50 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	300	mg/kg	4.1	2	08/30/12 10:10	09/05/12 16:40	7440-38-2	
Cadmium	5.0	mg/kg	0.82	2	08/30/12 10:10	09/05/12 16:40	7440-43-9	D3
Lead	38.6	mg/kg	5.1	5	08/30/12 10:10	09/05/12 15:05	7439-92-1	D4

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 36 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: **SUP_SL_73_12-14_082412** Lab ID: **2513412037** Collected: 08/24/12 11:50 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A						
Tetrachloroethene	16100	ug/kg	478	5	09/05/12 13:59	09/11/12 06:54	127-18-4	
Trichloroethene	1360	ug/kg	95.7	1	09/05/12 13:59	09/05/12 19:52	79-01-6	
Surrogates								
Dibromofluoromethane (S)	96 %		75-116	1	09/05/12 13:59	09/05/12 19:52	1868-53-7	
Toluene-d8 (S)	108 %		74-124	1	09/05/12 13:59	09/05/12 19:52	2037-26-5	
4-Bromofluorobenzene (S)	95 %		73-128	1	09/05/12 13:59	09/05/12 19:52	460-00-4	
1,2-Dichloroethane-d4 (S)	89 %		70-125	1	09/05/12 13:59	09/05/12 19:52	17060-07-0	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		08/28/12 16:41	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		08/28/12 16:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		08/28/12 16:41	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		08/28/12 16:41	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	1		08/28/12 16:41	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.4	1		08/28/12 16:41	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.4	1		08/28/12 16:41	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.4	1		08/28/12 16:41	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		08/28/12 16:41	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		08/28/12 16:41	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		08/28/12 16:41	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		08/28/12 16:41	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	1		08/28/12 16:41	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		08/28/12 16:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		08/28/12 16:41	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.4	1		08/28/12 16:41	107-06-2	
1,2-Dichloroethene (Total)	33.8	ug/kg	8.7	1		08/28/12 16:41	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.4	1		08/28/12 16:41	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		08/28/12 16:41	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		08/28/12 16:41	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.4	1		08/28/12 16:41	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		08/28/12 16:41	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.4	1		08/28/12 16:41	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.5	1		08/28/12 16:41	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.4	1		08/28/12 16:41	95-49-8	
2-Hexanone	ND	ug/kg	14.5	1		08/28/12 16:41	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.4	1		08/28/12 16:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.5	1		08/28/12 16:41	108-10-1	
Acetone	53.6	ug/kg	14.5	1		08/28/12 16:41	67-64-1	
Benzene	54.7	ug/kg	4.4	1		08/28/12 16:41	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1		08/28/12 16:41	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1		08/28/12 16:41	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1		08/28/12 16:41	75-27-4	
Bromoform	ND	ug/kg	4.4	1		08/28/12 16:41	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		08/28/12 16:41	74-83-9	
Carbon disulfide	15.0	ug/kg	4.4	1		08/28/12 16:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		08/28/12 16:41	56-23-5	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_12-14_082412 Lab ID: 2513412037 Collected: 08/24/12 11:50 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Chlorobenzene	34.7	ug/kg	4.4	1		08/28/12 16:41	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		08/28/12 16:41	75-00-3	
Chloroform	ND	ug/kg	4.4	1		08/28/12 16:41	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		08/28/12 16:41	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	1		08/28/12 16:41	124-48-1	
Dibromomethane	ND	ug/kg	4.4	1		08/28/12 16:41	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		08/28/12 16:41	75-71-8	
Ethylbenzene	ND	ug/kg	4.4	1		08/28/12 16:41	100-41-4	
Hexachloro-1,3-butadiene	10.6	ug/kg	4.4	1		08/28/12 16:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		08/28/12 16:41	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		08/28/12 16:41	1634-04-4	
Methylene chloride	ND	ug/kg	14.5	1		08/28/12 16:41	75-09-2	
Naphthalene	ND	ug/kg	4.4	1		08/28/12 16:41	91-20-3	
Styrene	ND	ug/kg	4.4	1		08/28/12 16:41	100-42-5	
Toluene	16.5	ug/kg	4.4	1		08/28/12 16:41	108-88-3	
Trichlorofluoromethane	ND	ug/kg	4.4	1		08/28/12 16:41	75-69-4	
Vinyl chloride	5.7	ug/kg	4.4	1		08/28/12 16:41	75-01-4	
Xylene (Total)	ND	ug/kg	13.1	1		08/28/12 16:41	1330-20-7	
cis-1,2-Dichloroethene	33.8	ug/kg	4.4	1		08/28/12 16:41	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		08/28/12 16:41	10061-01-5	
m&p-Xylene	ND	ug/kg	8.7	1		08/28/12 16:41	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.4	1		08/28/12 16:41	104-51-8	
n-Propylbenzene	ND	ug/kg	4.4	1		08/28/12 16:41	103-65-1	
o-Xylene	ND	ug/kg	4.4	1		08/28/12 16:41	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.4	1		08/28/12 16:41	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.4	1		08/28/12 16:41	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.4	1		08/28/12 16:41	994-05-8	L3
tert-Butylbenzene	ND	ug/kg	4.4	1		08/28/12 16:41	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		08/28/12 16:41	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		08/28/12 16:41	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	108	%	74-126	1		08/28/12 16:41	1868-53-7	
Toluene-d8 (S)	94	%	71-130	1		08/28/12 16:41	2037-26-5	
4-Bromofluorobenzene (S)	100	%	68-141	1		08/28/12 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	68-141	1		08/28/12 16:41	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	34.1	%	0.10	1		09/07/12 16:26		

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_14-16_082412 Lab ID: 2513412038 Collected: 08/24/12 11:55 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	136	mg/kg	4.4	2	08/30/12 10:10	09/05/12 16:44	7440-38-2	
Cadmium	2.0	mg/kg	0.88	2	08/30/12 10:10	09/05/12 16:44	7440-43-9	D3
Lead	3.9	mg/kg	1.1	1	08/30/12 10:10	09/06/12 13:57	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1		09/04/12 14:26	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1		09/04/12 14:26	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1		09/04/12 14:26	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1		09/04/12 14:26	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	1		09/04/12 14:26	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	1		09/04/12 14:26	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	1		09/04/12 14:26	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.6	1		09/04/12 14:26	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1		09/04/12 14:26	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1		09/04/12 14:26	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1		09/04/12 14:26	120-82-1	
1,2,4-Trimethylbenzene	5.3	ug/kg	3.6	1		09/04/12 14:26	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	1		09/04/12 14:26	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1		09/04/12 14:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	1		09/04/12 14:26	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	1		09/04/12 14:26	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.2	1		09/04/12 14:26	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.6	1		09/04/12 14:26	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1		09/04/12 14:26	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1		09/04/12 14:26	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	1		09/04/12 14:26	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1		09/04/12 14:26	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	1		09/04/12 14:26	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.1	1		09/04/12 14:26	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	1		09/04/12 14:26	95-49-8	
2-Hexanone	ND	ug/kg	12.1	1		09/04/12 14:26	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	1		09/04/12 14:26	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.1	1		09/04/12 14:26	108-10-1	
Acetone	ND	ug/kg	12.1	1		09/04/12 14:26	67-64-1	
Benzene	2.0J	ug/kg	3.6	1		09/04/12 14:26	71-43-2	
Bromobenzene	ND	ug/kg	3.6	1		09/04/12 14:26	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1		09/04/12 14:26	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1		09/04/12 14:26	75-27-4	
Bromoform	ND	ug/kg	3.6	1		09/04/12 14:26	75-25-2	
Bromomethane	ND	ug/kg	3.6	1		09/04/12 14:26	74-83-9	
Carbon disulfide	ND	ug/kg	3.6	1		09/04/12 14:26	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	1		09/04/12 14:26	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1		09/04/12 14:26	108-90-7	
Chloroethane	ND	ug/kg	3.6	1		09/04/12 14:26	75-00-3	
Chloroform	ND	ug/kg	3.6	1		09/04/12 14:26	67-66-3	
Chloromethane	ND	ug/kg	3.6	1		09/04/12 14:26	74-87-3	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 39 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_14-16_082412 Lab ID: 2513412038 Collected: 08/24/12 11:55 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Dibromochloromethane	ND	ug/kg	3.6	1		09/04/12 14:26	124-48-1	
Dibromomethane	ND	ug/kg	3.6	1		09/04/12 14:26	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	1		09/04/12 14:26	75-71-8	
Ethylbenzene	ND	ug/kg	3.6	1		09/04/12 14:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	1		09/04/12 14:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1		09/04/12 14:26	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1		09/04/12 14:26	1634-04-4	
Methylene chloride	ND	ug/kg	12.1	1		09/04/12 14:26	75-09-2	
Naphthalene	3.7	ug/kg	3.6	1		09/04/12 14:26	91-20-3	
Styrene	ND	ug/kg	3.6	1		09/04/12 14:26	100-42-5	
Tetrachloroethene	ND	ug/kg	3.6	1		09/04/12 14:26	127-18-4	
Toluene	ND	ug/kg	3.6	1		09/04/12 14:26	108-88-3	
Trichloroethene	ND	ug/kg	3.6	1		09/04/12 14:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	1		09/04/12 14:26	75-69-4	
Vinyl chloride	ND	ug/kg	3.6	1		09/04/12 14:26	75-01-4	
Xylene (Total)	7.5J	ug/kg	10.9	1		09/04/12 14:26	1330-20-7	
cis-1,2-Dichloroethene	2.2J	ug/kg	3.6	1		09/04/12 14:26	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1		09/04/12 14:26	10061-01-5	
m&p-Xylene	5.5J	ug/kg	7.2	1		09/04/12 14:26	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	1		09/04/12 14:26	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	1		09/04/12 14:26	103-65-1	
o-Xylene	2.0J	ug/kg	3.6	1		09/04/12 14:26	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.6	1		09/04/12 14:26	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.6	1		09/04/12 14:26	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	1		09/04/12 14:26	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	1		09/04/12 14:26	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1		09/04/12 14:26	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1		09/04/12 14:26	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	91	%	74-126	1		09/04/12 14:26	1868-53-7	G2
Toluene-d8 (S)	97	%	71-130	1		09/04/12 14:26	2037-26-5	
4-Bromofluorobenzene (S)	110	%	68-141	1		09/04/12 14:26	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	68-141	1		09/04/12 14:26	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 31.9 % 0.10 1 09/07/12 16:27

Sample: SUP_SL_73_14-16_082412_9 Lab ID: 2513412039 Collected: 08/24/12 12:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	134	mg/kg	4.9	2	08/30/12 10:10	09/05/12 16:47	7440-38-2	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_14-16_082412_9 Lab ID: 2513412039 Collected: 08/24/12 12:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Cadmium	2.0	mg/kg	0.97	2	08/30/12 10:10	09/05/12 16:47	7440-43-9	D3
Lead	4.0	mg/kg	1.2	1	08/30/12 10:10	09/06/12 14:01	7439-92-1	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		08/28/12 17:23	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		08/28/12 17:23	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		08/28/12 17:23	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		08/28/12 17:23	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	1		08/28/12 17:23	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.3	1		08/28/12 17:23	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.3	1		08/28/12 17:23	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.3	1		08/28/12 17:23	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		08/28/12 17:23	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		08/28/12 17:23	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		08/28/12 17:23	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		08/28/12 17:23	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	1		08/28/12 17:23	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		08/28/12 17:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		08/28/12 17:23	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.3	1		08/28/12 17:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.5	1		08/28/12 17:23	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.3	1		08/28/12 17:23	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		08/28/12 17:23	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		08/28/12 17:23	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.3	1		08/28/12 17:23	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		08/28/12 17:23	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.3	1		08/28/12 17:23	594-20-7	
2-Butanone (MEK)	ND	ug/kg	14.2	1		08/28/12 17:23	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		08/28/12 17:23	95-49-8	
2-Hexanone	ND	ug/kg	14.2	1		08/28/12 17:23	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.3	1		08/28/12 17:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.2	1		08/28/12 17:23	108-10-1	
Acetone	26.8	ug/kg	14.2	1		08/28/12 17:23	67-64-1	
Benzene	64.7	ug/kg	4.3	1		08/28/12 17:23	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		08/28/12 17:23	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		08/28/12 17:23	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		08/28/12 17:23	75-27-4	
Bromoform	ND	ug/kg	4.3	1		08/28/12 17:23	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		08/28/12 17:23	74-83-9	
Carbon disulfide	4.1J	ug/kg	4.3	1		08/28/12 17:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		08/28/12 17:23	56-23-5	
Chlorobenzene	33.9	ug/kg	4.3	1		08/28/12 17:23	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		08/28/12 17:23	75-00-3	
Chloroform	ND	ug/kg	4.3	1		08/28/12 17:23	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		08/28/12 17:23	74-87-3	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_73_14-16_082412_9 **Lab ID:** 2513412039 Collected: 08/24/12 12:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Dibromochloromethane	ND	ug/kg	4.3	1		08/28/12 17:23	124-48-1	
Dibromomethane	ND	ug/kg	4.3	1		08/28/12 17:23	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		08/28/12 17:23	75-71-8	
Ethylbenzene	ND	ug/kg	4.3	1		08/28/12 17:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		08/28/12 17:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		08/28/12 17:23	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		08/28/12 17:23	1634-04-4	
Methylene chloride	ND	ug/kg	14.2	1		08/28/12 17:23	75-09-2	
Naphthalene	ND	ug/kg	4.3	1		08/28/12 17:23	91-20-3	
Styrene	ND	ug/kg	4.3	1		08/28/12 17:23	100-42-5	
Tetrachloroethene	106	ug/kg	4.3	1		08/28/12 17:23	127-18-4	
Toluene	10.5	ug/kg	4.3	1		08/28/12 17:23	108-88-3	
Trichloroethene	19.3	ug/kg	4.3	1		08/28/12 17:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		08/28/12 17:23	75-69-4	
Vinyl chloride	ND	ug/kg	4.3	1		08/28/12 17:23	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	1		08/28/12 17:23	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		08/28/12 17:23	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		08/28/12 17:23	10061-01-5	
m&p-Xylene	ND	ug/kg	8.5	1		08/28/12 17:23	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.3	1		08/28/12 17:23	104-51-8	
n-Propylbenzene	ND	ug/kg	4.3	1		08/28/12 17:23	103-65-1	
o-Xylene	ND	ug/kg	4.3	1		08/28/12 17:23	95-47-6	
p-Isopropyltoluene	ND	ug/kg	4.3	1		08/28/12 17:23	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.3	1		08/28/12 17:23	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.3	1		08/28/12 17:23	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		08/28/12 17:23	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		08/28/12 17:23	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		08/28/12 17:23	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	106 %		74-126	1		08/28/12 17:23	1868-53-7	
Toluene-d8 (S)	96 %		71-130	1		08/28/12 17:23	2037-26-5	
4-Bromofluorobenzene (S)	101 %		68-141	1		08/28/12 17:23	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		68-141	1		08/28/12 17:23	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **31.3 %** 0.10 1 09/07/12 16:28

Sample: SUP_SL_74_2-4_082412 **Lab ID:** 2513412040 Collected: 08/24/12 12:05 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	1150	mg/kg	14.2	5	08/30/12 10:10	09/05/12 15:16	7440-38-2	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_74_2-4_082412 Lab ID: 2513412040 Collected: 08/24/12 12:05 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Cadmium	24.5	mg/kg	2.8	5	08/30/12 10:10	09/05/12 15:16	7440-43-9	D3
Lead	909	mg/kg	7.1	5	08/30/12 10:10	09/05/12 15:16	7439-92-1	D4
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	1		08/28/12 17:43	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		08/28/12 17:43	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		08/28/12 17:43	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		08/28/12 17:43	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.4	1		08/28/12 17:43	76-13-1	
1,1-Dichloroethane	ND	ug/kg	5.4	1		08/28/12 17:43	75-34-3	
1,1-Dichloroethene	ND	ug/kg	5.4	1		08/28/12 17:43	75-35-4	
1,1-Dichloropropene	ND	ug/kg	5.4	1		08/28/12 17:43	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	1		08/28/12 17:43	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	5.4	1		08/28/12 17:43	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	1		08/28/12 17:43	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1		08/28/12 17:43	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.9	1		08/28/12 17:43	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	1		08/28/12 17:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1		08/28/12 17:43	95-50-1	
1,2-Dichloroethane	ND	ug/kg	5.4	1		08/28/12 17:43	107-06-2	
1,2-Dichloroethene (Total)	45.8	ug/kg	10.7	1		08/28/12 17:43	540-59-0	
1,2-Dichloropropane	ND	ug/kg	5.4	1		08/28/12 17:43	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1		08/28/12 17:43	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1		08/28/12 17:43	541-73-1	
1,3-Dichloropropane	ND	ug/kg	5.4	1		08/28/12 17:43	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1		08/28/12 17:43	106-46-7	
2,2-Dichloropropane	ND	ug/kg	5.4	1		08/28/12 17:43	594-20-7	
2-Butanone (MEK)	67.5	ug/kg	17.9	1		08/28/12 17:43	78-93-3	
2-Chlorotoluene	ND	ug/kg	5.4	1		08/28/12 17:43	95-49-8	
2-Hexanone	ND	ug/kg	17.9	1		08/28/12 17:43	591-78-6	
4-Chlorotoluene	ND	ug/kg	5.4	1		08/28/12 17:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.9	1		08/28/12 17:43	108-10-1	
Acetone	357	ug/kg	17.9	1		08/28/12 17:43	67-64-1	
Benzene	ND	ug/kg	5.4	1		08/28/12 17:43	71-43-2	
Bromobenzene	ND	ug/kg	5.4	1		08/28/12 17:43	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1		08/28/12 17:43	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	1		08/28/12 17:43	75-27-4	
Bromoform	ND	ug/kg	5.4	1		08/28/12 17:43	75-25-2	
Bromomethane	ND	ug/kg	5.4	1		08/28/12 17:43	74-83-9	
Carbon disulfide	ND	ug/kg	5.4	1		08/28/12 17:43	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	1		08/28/12 17:43	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1		08/28/12 17:43	108-90-7	
Chloroethane	ND	ug/kg	5.4	1		08/28/12 17:43	75-00-3	
Chloroform	ND	ug/kg	5.4	1		08/28/12 17:43	67-66-3	
Chloromethane	ND	ug/kg	5.4	1		08/28/12 17:43	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	1		08/28/12 17:43	124-48-1	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: **SUP_SL_74_2-4_082412** Lab ID: **2513412040** Collected: 08/24/12 12:05 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Dibromomethane	ND	ug/kg	5.4	1		08/28/12 17:43	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	5.4	1		08/28/12 17:43	75-71-8	
Ethylbenzene	ND	ug/kg	5.4	1		08/28/12 17:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	1		08/28/12 17:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		08/28/12 17:43	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		08/28/12 17:43	1634-04-4	
Methylene chloride	ND	ug/kg	17.9	1		08/28/12 17:43	75-09-2	
Naphthalene	ND	ug/kg	5.4	1		08/28/12 17:43	91-20-3	
Styrene	ND	ug/kg	5.4	1		08/28/12 17:43	100-42-5	
Tetrachloroethene	26.9	ug/kg	5.4	1		08/28/12 17:43	127-18-4	
Toluene	298	ug/kg	5.4	1		08/28/12 17:43	108-88-3	
Trichloroethene	7.4	ug/kg	5.4	1		08/28/12 17:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	1		08/28/12 17:43	75-69-4	
Vinyl chloride	7.6	ug/kg	5.4	1		08/28/12 17:43	75-01-4	
Xylene (Total)	ND	ug/kg	16.1	1		08/28/12 17:43	1330-20-7	
cis-1,2-Dichloroethene	45.8	ug/kg	5.4	1		08/28/12 17:43	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		08/28/12 17:43	10061-01-5	
m&p-Xylene	ND	ug/kg	10.7	1		08/28/12 17:43	179601-23-1	
n-Butylbenzene	ND	ug/kg	5.4	1		08/28/12 17:43	104-51-8	
n-Propylbenzene	ND	ug/kg	5.4	1		08/28/12 17:43	103-65-1	
o-Xylene	ND	ug/kg	5.4	1		08/28/12 17:43	95-47-6	
p-Isopropyltoluene	165	ug/kg	5.4	1		08/28/12 17:43	99-87-6	
sec-Butylbenzene	ND	ug/kg	5.4	1		08/28/12 17:43	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	5.4	1		08/28/12 17:43	994-05-8	
tert-Butylbenzene	ND	ug/kg	5.4	1		08/28/12 17:43	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1		08/28/12 17:43	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		08/28/12 17:43	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	106	%	74-126	1		08/28/12 17:43	1868-53-7	G2
Toluene-d8 (S)	97	%	71-130	1		08/28/12 17:43	2037-26-5	
4-Bromofluorobenzene (S)	100	%	68-141	1		08/28/12 17:43	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	68-141	1		08/28/12 17:43	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture **33.4** % 0.10 1 09/07/12 16:29

Sample: **SUP_SL_74_4-6_082412** Lab ID: **2513412041** Collected: 08/24/12 12:10 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	804	mg/kg	6.3	2	08/30/12 10:10	09/05/12 16:51	7440-38-2	
Cadmium	16.2	mg/kg	1.3	2	08/30/12 10:10	09/05/12 16:51	7440-43-9	D3
Lead	481	mg/kg	7.8	5	08/30/12 10:10	09/05/12 15:20	7439-92-1	D4

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 44 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: **SUP_SL_74_4-6_082412** Lab ID: **2513412041** Collected: 08/24/12 12:10 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A						
1,2-Dichloroethene (Total)	1700	ug/kg	266	1	09/05/12 13:59	09/05/12 20:10	540-59-0	
cis-1,2-Dichloroethene	1680	ug/kg	133	1	09/05/12 13:59	09/05/12 20:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	133	1	09/05/12 13:59	09/05/12 20:10	156-60-5	
p-Isopropyltoluene	60200	ug/kg	1330	10	09/05/12 13:59	09/11/12 07:33	99-87-6	
Toluene	4200	ug/kg	133	1	09/05/12 13:59	09/05/12 20:10	108-88-3	
Surrogates								
Dibromofluoromethane (S)	95 %		75-116	1	09/05/12 13:59	09/05/12 20:10	1868-53-7	
Toluene-d8 (S)	107 %		74-124	1	09/05/12 13:59	09/05/12 20:10	2037-26-5	
4-Bromofluorobenzene (S)	95 %		73-128	1	09/05/12 13:59	09/05/12 20:10	460-00-4	
1,2-Dichloroethane-d4 (S)	82 %		70-125	1	09/05/12 13:59	09/05/12 20:10	17060-07-0	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	241	ug/kg	15.0	1		08/30/12 21:48	67-64-1	
tert-Amylmethyl ether	ND	ug/kg	4.5	1		08/30/12 21:48	994-05-8	
Benzene	4.2J	ug/kg	4.5	1		08/30/12 21:48	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		08/30/12 21:48	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		08/30/12 21:48	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		08/30/12 21:48	75-27-4	
Bromoform	ND	ug/kg	4.5	1		08/30/12 21:48	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		08/30/12 21:48	74-83-9	
2-Butanone (MEK)	36.0	ug/kg	15.0	1		08/30/12 21:48	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		08/30/12 21:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		08/30/12 21:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		08/30/12 21:48	98-06-6	
Carbon disulfide	6.0	ug/kg	4.5	1		08/30/12 21:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		08/30/12 21:48	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		08/30/12 21:48	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		08/30/12 21:48	75-00-3	
Chloroform	ND	ug/kg	4.5	1		08/30/12 21:48	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		08/30/12 21:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		08/30/12 21:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		08/30/12 21:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	1		08/30/12 21:48	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		08/30/12 21:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		08/30/12 21:48	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		08/30/12 21:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		08/30/12 21:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		08/30/12 21:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		08/30/12 21:48	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		08/30/12 21:48	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		08/30/12 21:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		08/30/12 21:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		08/30/12 21:48	75-35-4	
1,2-Dichloropropane	ND	ug/kg	4.5	1		08/30/12 21:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		08/30/12 21:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		08/30/12 21:48	594-20-7	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 45 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_74_4-6_082412 Lab ID: 2513412041 Collected: 08/24/12 12:10 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1-Dichloropropene	ND	ug/kg	4.5	1		08/30/12 21:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		08/30/12 21:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		08/30/12 21:48	10061-02-6	
Ethylbenzene	21.4	ug/kg	4.5	1		08/30/12 21:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		08/30/12 21:48	87-68-3	
2-Hexanone	ND	ug/kg	15.0	1		08/30/12 21:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		08/30/12 21:48	98-82-8	
Methylene chloride	ND	ug/kg	15.0	1		08/30/12 21:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.0	1		08/30/12 21:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		08/30/12 21:48	1634-04-4	
Naphthalene	47.3	ug/kg	4.5	1		08/30/12 21:48	91-20-3	
n-Propylbenzene	8.3	ug/kg	4.5	1		08/30/12 21:48	103-65-1	
Styrene	ND	ug/kg	4.5	1		08/30/12 21:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		08/30/12 21:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		08/30/12 21:48	79-34-5	
Tetrachloroethene	9.1	ug/kg	4.5	1		08/30/12 21:48	127-18-4	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		08/30/12 21:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		08/30/12 21:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		08/30/12 21:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		08/30/12 21:48	79-00-5	
Trichloroethene	2.8J	ug/kg	4.5	1		08/30/12 21:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		08/30/12 21:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		08/30/12 21:48	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	1		08/30/12 21:48	76-13-1	
1,2,4-Trimethylbenzene	63.4	ug/kg	4.5	1		08/30/12 21:48	95-63-6	
1,3,5-Trimethylbenzene	15.5	ug/kg	4.5	1		08/30/12 21:48	108-67-8	
Vinyl chloride	48.0	ug/kg	4.5	1		08/30/12 21:48	75-01-4	
Xylene (Total)	70.4	ug/kg	13.5	1		08/30/12 21:48	1330-20-7	
m&p-Xylene	51.6	ug/kg	9.0	1		08/30/12 21:48	179601-23-1	
o-Xylene	18.9	ug/kg	4.5	1		08/30/12 21:48	95-47-6	
Surrogates								
Dibromofluoromethane (S)	91 %		74-126	1		08/30/12 21:48	1868-53-7	G2
Toluene-d8 (S)	108 %		71-130	1		08/30/12 21:48	2037-26-5	
4-Bromofluorobenzene (S)	135 %		68-141	1		08/30/12 21:48	460-00-4	
1,2-Dichloroethane-d4 (S)	105 %		68-141	1		08/30/12 21:48	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	43.6 %		0.10	1		09/07/12 16:32		

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Project No.: 2513412

Sample: SUP_SL_74_6-8_082412 Lab ID: 2513412042 Collected: 08/24/12 12:15 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	523	mg/kg	11.6	5	08/30/12 10:10	08/31/12 10:48	7440-38-2	
Cadmium	8.7	mg/kg	2.3	5	08/30/12 10:10	08/31/12 10:48	7440-43-9	D3
Lead	65.0	mg/kg	1.2	1	08/30/12 10:10	08/31/12 11:58	7439-92-1	B
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A						
1,2-Dichloroethene (Total)	848	ug/kg	151	1	09/05/12 13:59	09/05/12 20:28	540-59-0	
Toluene	1620	ug/kg	75.6	1	09/05/12 13:59	09/05/12 20:28	108-88-3	
cis-1,2-Dichloroethene	840	ug/kg	75.6	1	09/05/12 13:59	09/05/12 20:28	156-59-2	
p-Isopropyltoluene	7690	ug/kg	75.6	1	09/05/12 13:59	09/05/12 20:28	99-87-6	
trans-1,2-Dichloroethene	ND	ug/kg	75.6	1	09/05/12 13:59	09/05/12 20:28	156-60-5	
Surrogates								
Dibromofluoromethane (S)	103	%	75-116	1	09/05/12 13:59	09/05/12 20:28	1868-53-7	
Toluene-d8 (S)	116	%	74-124	1	09/05/12 13:59	09/05/12 20:28	2037-26-5	
4-Bromofluorobenzene (S)	103	%	73-128	1	09/05/12 13:59	09/05/12 20:28	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-125	1	09/05/12 13:59	09/05/12 20:28	17060-07-0	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1		08/28/12 18:24	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1		08/28/12 18:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1		08/28/12 18:24	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1		08/28/12 18:24	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	1		08/28/12 18:24	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.6	1		08/28/12 18:24	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.6	1		08/28/12 18:24	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.6	1		08/28/12 18:24	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1		08/28/12 18:24	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1		08/28/12 18:24	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1		08/28/12 18:24	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	1		08/28/12 18:24	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	1		08/28/12 18:24	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1		08/28/12 18:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	1		08/28/12 18:24	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.6	1		08/28/12 18:24	107-06-2	
1,2-Dichloropropane	ND	ug/kg	3.6	1		08/28/12 18:24	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1		08/28/12 18:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1		08/28/12 18:24	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.6	1		08/28/12 18:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1		08/28/12 18:24	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.6	1		08/28/12 18:24	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.8	1		08/28/12 18:24	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.6	1		08/28/12 18:24	95-49-8	
2-Hexanone	ND	ug/kg	11.8	1		08/28/12 18:24	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.6	1		08/28/12 18:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.8	1		08/28/12 18:24	108-10-1	
Acetone	110	ug/kg	11.8	1		08/28/12 18:24	67-64-1	
Benzene	ND	ug/kg	3.6	1		08/28/12 18:24	71-43-2	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 47 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Project No.: 2513412

Sample: SUP_SL_74_6-8_082412 Lab ID: 2513412042 Collected: 08/24/12 12:15 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Bromobenzene	ND	ug/kg	3.6	1		08/28/12 18:24	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1		08/28/12 18:24	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1		08/28/12 18:24	75-27-4	
Bromoform	ND	ug/kg	3.6	1		08/28/12 18:24	75-25-2	
Bromomethane	ND	ug/kg	3.6	1		08/28/12 18:24	74-83-9	
Carbon disulfide	4.2	ug/kg	3.6	1		08/28/12 18:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	1		08/28/12 18:24	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1		08/28/12 18:24	108-90-7	
Chloroethane	ND	ug/kg	3.6	1		08/28/12 18:24	75-00-3	
Chloroform	ND	ug/kg	3.6	1		08/28/12 18:24	67-66-3	
Chloromethane	ND	ug/kg	3.6	1		08/28/12 18:24	74-87-3	
Dibromochloromethane	ND	ug/kg	3.6	1		08/28/12 18:24	124-48-1	
Dibromomethane	ND	ug/kg	3.6	1		08/28/12 18:24	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.6	1		08/28/12 18:24	75-71-8	
Ethylbenzene	2.8J	ug/kg	3.6	1		08/28/12 18:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	1		08/28/12 18:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1		08/28/12 18:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1		08/28/12 18:24	1634-04-4	
Methylene chloride	ND	ug/kg	11.8	1		08/28/12 18:24	75-09-2	
Naphthalene	2.8J	ug/kg	3.6	1		08/28/12 18:24	91-20-3	
Styrene	ND	ug/kg	3.6	1		08/28/12 18:24	100-42-5	
Tetrachloroethene	13.5	ug/kg	3.6	1		08/28/12 18:24	127-18-4	
Trichloroethene	3.9	ug/kg	3.6	1		08/28/12 18:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	1		08/28/12 18:24	75-69-4	
Vinyl chloride	16.5	ug/kg	3.6	1		08/28/12 18:24	75-01-4	
Xylene (Total)	ND	ug/kg	10.7	1		08/28/12 18:24	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1		08/28/12 18:24	10061-01-5	
m&p-Xylene	ND	ug/kg	7.1	1		08/28/12 18:24	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.6	1		08/28/12 18:24	104-51-8	
n-Propylbenzene	ND	ug/kg	3.6	1		08/28/12 18:24	103-65-1	
o-Xylene	ND	ug/kg	3.6	1		08/28/12 18:24	95-47-6	
sec-Butylbenzene	ND	ug/kg	3.6	1		08/28/12 18:24	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.6	1		08/28/12 18:24	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.6	1		08/28/12 18:24	98-06-6	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1		08/28/12 18:24	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	107 %		74-126	1		08/28/12 18:24	1868-53-7	G2
Toluene-d8 (S)	99 %		71-130	1		08/28/12 18:24	2037-26-5	
4-Bromofluorobenzene (S)	97 %		68-141	1		08/28/12 18:24	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		68-141	1		08/28/12 18:24	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	28.1 %		0.10	1		09/07/12 16:34		

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_74_8-10_082412 Lab ID: 2513412043 Collected: 08/24/12 12:20 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	4440	mg/kg	62.9	20	08/30/12 10:10	08/31/12 13:22	7440-38-2	
Cadmium	100	mg/kg	3.1	5	08/30/12 10:10	08/31/12 10:52	7440-43-9	D3
Lead	2720	mg/kg	31.4	20	08/30/12 10:10	08/31/12 13:22	7439-92-1	B,D4
8260 MSV 5035A Med Level VOA		Analytical Method: EPA 8260 Preparation Method: EPA 5035A						
1,2-Dichloroethene (Total)	7470	ug/kg	359	1	09/05/12 13:59	09/05/12 20:46	540-59-0	
Acetone	2180	ug/kg	1800	1	09/05/12 13:59	09/05/12 20:46	67-64-1	
Tetrachloroethene	31900	ug/kg	180	1	09/05/12 13:59	09/05/12 20:46	127-18-4	
Toluene	6000	ug/kg	180	1	09/05/12 13:59	09/05/12 20:46	108-88-3	
cis-1,2-Dichloroethene	7270	ug/kg	180	1	09/05/12 13:59	09/05/12 20:46	156-59-2	
p-Isopropyltoluene	23200	ug/kg	180	1	09/05/12 13:59	09/05/12 20:46	99-87-6	
trans-1,2-Dichloroethene	203	ug/kg	180	1	09/05/12 13:59	09/05/12 20:46	156-60-5	
Surrogates								
Dibromofluoromethane (S)	95 %		75-116	1	09/05/12 13:59	09/05/12 20:46	1868-53-7	
Toluene-d8 (S)	108 %		74-124	1	09/05/12 13:59	09/05/12 20:46	2037-26-5	
4-Bromofluorobenzene (S)	89 %		73-128	1	09/05/12 13:59	09/05/12 20:46	460-00-4	
1,2-Dichloroethane-d4 (S)	90 %		70-125	1	09/05/12 13:59	09/05/12 20:46	17060-07-0	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.3	1		08/28/12 18:44	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	7.3	1		08/28/12 18:44	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.3	1		08/28/12 18:44	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	7.3	1		08/28/12 18:44	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.3	1		08/28/12 18:44	76-13-1	
1,1-Dichloroethane	ND	ug/kg	7.3	1		08/28/12 18:44	75-34-3	
1,1-Dichloroethene	21.9	ug/kg	7.3	1		08/28/12 18:44	75-35-4	
1,1-Dichloropropene	ND	ug/kg	7.3	1		08/28/12 18:44	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	7.3	1		08/28/12 18:44	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	7.3	1		08/28/12 18:44	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	7.3	1		08/28/12 18:44	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	7.3	1		08/28/12 18:44	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.2	1		08/28/12 18:44	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.3	1		08/28/12 18:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.3	1		08/28/12 18:44	95-50-1	
1,2-Dichloroethane	ND	ug/kg	7.3	1		08/28/12 18:44	107-06-2	
1,2-Dichloropropane	ND	ug/kg	7.3	1		08/28/12 18:44	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	7.3	1		08/28/12 18:44	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	7.3	1		08/28/12 18:44	541-73-1	
1,3-Dichloropropane	ND	ug/kg	7.3	1		08/28/12 18:44	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	7.3	1		08/28/12 18:44	106-46-7	
2,2-Dichloropropane	ND	ug/kg	7.3	1		08/28/12 18:44	594-20-7	
2-Butanone (MEK)	ND	ug/kg	24.3	1		08/28/12 18:44	78-93-3	
2-Chlorotoluene	ND	ug/kg	7.3	1		08/28/12 18:44	95-49-8	
2-Hexanone	ND	ug/kg	24.3	1		08/28/12 18:44	591-78-6	
4-Chlorotoluene	ND	ug/kg	7.3	1		08/28/12 18:44	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.3	1		08/28/12 18:44	108-10-1	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 49 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: **SUP_SL_74_8-10_082412** Lab ID: **2513412043** Collected: 08/24/12 12:20 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Benzene	15.8	ug/kg	7.3	1		08/28/12 18:44	71-43-2	
Bromobenzene	ND	ug/kg	7.3	1		08/28/12 18:44	108-86-1	
Bromochloromethane	ND	ug/kg	7.3	1		08/28/12 18:44	74-97-5	
Bromodichloromethane	ND	ug/kg	7.3	1		08/28/12 18:44	75-27-4	
Bromoform	ND	ug/kg	7.3	1		08/28/12 18:44	75-25-2	
Bromomethane	ND	ug/kg	7.3	1		08/28/12 18:44	74-83-9	
Carbon disulfide	49.3	ug/kg	7.3	1		08/28/12 18:44	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.3	1		08/28/12 18:44	56-23-5	
Chlorobenzene	ND	ug/kg	7.3	1		08/28/12 18:44	108-90-7	
Chloroethane	ND	ug/kg	7.3	1		08/28/12 18:44	75-00-3	
Chloroform	ND	ug/kg	7.3	1		08/28/12 18:44	67-66-3	
Chloromethane	ND	ug/kg	7.3	1		08/28/12 18:44	74-87-3	
Dibromochloromethane	ND	ug/kg	7.3	1		08/28/12 18:44	124-48-1	
Dibromomethane	ND	ug/kg	7.3	1		08/28/12 18:44	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	7.3	1		08/28/12 18:44	75-71-8	
Ethylbenzene	19.1	ug/kg	7.3	1		08/28/12 18:44	100-41-4	
Hexachloro-1,3-butadiene	36.1	ug/kg	7.3	1		08/28/12 18:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	7.3	1		08/28/12 18:44	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.3	1		08/28/12 18:44	1634-04-4	
Methylene chloride	ND	ug/kg	24.3	1		08/28/12 18:44	75-09-2	
Naphthalene	16.7	ug/kg	7.3	1		08/28/12 18:44	91-20-3	
Styrene	ND	ug/kg	7.3	1		08/28/12 18:44	100-42-5	
Trichloroethene	331	ug/kg	7.3	1		08/28/12 18:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.3	1		08/28/12 18:44	75-69-4	
Vinyl chloride	ND	ug/kg	7.3	1		08/28/12 18:44	75-01-4	
Xylene (Total)	19.4J	ug/kg	21.9	1		08/28/12 18:44	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/kg	7.3	1		08/28/12 18:44	10061-01-5	
m&p-Xylene	14.2J	ug/kg	14.6	1		08/28/12 18:44	179601-23-1	
n-Butylbenzene	ND	ug/kg	7.3	1		08/28/12 18:44	104-51-8	
n-Propylbenzene	ND	ug/kg	7.3	1		08/28/12 18:44	103-65-1	
o-Xylene	5.3J	ug/kg	7.3	1		08/28/12 18:44	95-47-6	
sec-Butylbenzene	ND	ug/kg	7.3	1		08/28/12 18:44	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	7.3	1		08/28/12 18:44	994-05-8	
tert-Butylbenzene	ND	ug/kg	7.3	1		08/28/12 18:44	98-06-6	
trans-1,3-Dichloropropene	ND	ug/kg	7.3	1		08/28/12 18:44	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	109	%	74-126	1		08/28/12 18:44	1868-53-7	G2
Toluene-d8 (S)	100	%	71-130	1		08/28/12 18:44	2037-26-5	
4-Bromofluorobenzene (S)	95	%	68-141	1		08/28/12 18:44	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	68-141	1		08/28/12 18:44	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	49.9	%	0.10	1		09/07/12 16:39		

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_74_10-12_082412 Lab ID: 2513412044 Collected: 08/24/12 12:25 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	4.2J	mg/kg	10	5	08/30/12 10:10	08/31/12 10:56	7440-38-2	
Cadmium	ND	mg/kg	2.0	5	08/30/12 10:10	08/31/12 10:56	7440-43-9	D3
Lead	3.3	mg/kg	1.0	1	08/30/12 10:10	08/31/12 12:13	7439-92-1	B
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.7	1		08/28/12 19:05	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.7	1		08/28/12 19:05	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	1		08/28/12 19:05	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.7	1		08/28/12 19:05	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	1		08/28/12 19:05	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.7	1		08/28/12 19:05	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.7	1		08/28/12 19:05	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.7	1		08/28/12 19:05	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.7	1		08/28/12 19:05	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.7	1		08/28/12 19:05	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	1		08/28/12 19:05	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.7	1		08/28/12 19:05	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	1		08/28/12 19:05	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	1		08/28/12 19:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.7	1		08/28/12 19:05	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.7	1		08/28/12 19:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.4	1		08/28/12 19:05	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.7	1		08/28/12 19:05	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.7	1		08/28/12 19:05	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.7	1		08/28/12 19:05	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.7	1		08/28/12 19:05	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.7	1		08/28/12 19:05	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.7	1		08/28/12 19:05	594-20-7	
2-Butanone (MEK)	ND	ug/kg	12.4	1		08/28/12 19:05	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.7	1		08/28/12 19:05	95-49-8	
2-Hexanone	ND	ug/kg	12.4	1		08/28/12 19:05	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.7	1		08/28/12 19:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.4	1		08/28/12 19:05	108-10-1	
Acetone	29.0	ug/kg	12.4	1		08/28/12 19:05	67-64-1	
Benzene	ND	ug/kg	3.7	1		08/28/12 19:05	71-43-2	
Bromobenzene	ND	ug/kg	3.7	1		08/28/12 19:05	108-86-1	
Bromochloromethane	ND	ug/kg	3.7	1		08/28/12 19:05	74-97-5	
Bromodichloromethane	ND	ug/kg	3.7	1		08/28/12 19:05	75-27-4	
Bromoform	ND	ug/kg	3.7	1		08/28/12 19:05	75-25-2	
Bromomethane	ND	ug/kg	3.7	1		08/28/12 19:05	74-83-9	
Carbon disulfide	3.5J	ug/kg	3.7	1		08/28/12 19:05	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.7	1		08/28/12 19:05	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	1		08/28/12 19:05	108-90-7	
Chloroethane	ND	ug/kg	3.7	1		08/28/12 19:05	75-00-3	
Chloroform	ND	ug/kg	3.7	1		08/28/12 19:05	67-66-3	
Chloromethane	ND	ug/kg	3.7	1		08/28/12 19:05	74-87-3	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 51 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_74_10-12_082412 Lab ID: 2513412044 Collected: 08/24/12 12:25 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Dibromochloromethane	ND	ug/kg	3.7	1		08/28/12 19:05	124-48-1	
Dibromomethane	ND	ug/kg	3.7	1		08/28/12 19:05	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.7	1		08/28/12 19:05	75-71-8	
Ethylbenzene	ND	ug/kg	3.7	1		08/28/12 19:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.7	1		08/28/12 19:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	1		08/28/12 19:05	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.7	1		08/28/12 19:05	1634-04-4	
Methylene chloride	ND	ug/kg	12.4	1		08/28/12 19:05	75-09-2	
Naphthalene	ND	ug/kg	3.7	1		08/28/12 19:05	91-20-3	
Styrene	ND	ug/kg	3.7	1		08/28/12 19:05	100-42-5	
Tetrachloroethene	10.0	ug/kg	3.7	1		08/28/12 19:05	127-18-4	
Toluene	ND	ug/kg	3.7	1		08/28/12 19:05	108-88-3	
Trichloroethene	2.2J	ug/kg	3.7	1		08/28/12 19:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	1		08/28/12 19:05	75-69-4	
Vinyl chloride	ND	ug/kg	3.7	1		08/28/12 19:05	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	1		08/28/12 19:05	1330-20-7	
cis-1,2-Dichloroethene	2.5J	ug/kg	3.7	1		08/28/12 19:05	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	1		08/28/12 19:05	10061-01-5	
m&p-Xylene	ND	ug/kg	7.4	1		08/28/12 19:05	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.7	1		08/28/12 19:05	104-51-8	
n-Propylbenzene	ND	ug/kg	3.7	1		08/28/12 19:05	103-65-1	
o-Xylene	ND	ug/kg	3.7	1		08/28/12 19:05	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.7	1		08/28/12 19:05	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.7	1		08/28/12 19:05	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.7	1		08/28/12 19:05	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.7	1		08/28/12 19:05	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	1		08/28/12 19:05	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	1		08/28/12 19:05	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	106	%	74-126	1		08/28/12 19:05	1868-53-7	G2
Toluene-d8 (S)	97	%	71-130	1		08/28/12 19:05	2037-26-5	
4-Bromofluorobenzene (S)	101	%	68-141	1		08/28/12 19:05	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	68-141	1		08/28/12 19:05	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 29.0 % 0.10 1 09/07/12 16:41

Sample: SUP_SL_74_12-14_082412 Lab ID: 2513412045 Collected: 08/24/12 12:30 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	280	mg/kg	10.4	5	08/30/12 10:10	08/31/12 10:59	7440-38-2	
Cadmium	5.5	mg/kg	2.1	5	08/30/12 10:10	08/31/12 10:59	7440-43-9	D3

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 52 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_74_12-14_082412 Lab ID: 2513412045 Collected: 08/24/12 12:30 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Lead	171	mg/kg	1.0	1	08/30/12 10:10	08/31/12 12:16	7439-92-1	B
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	1		08/28/12 19:26	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	4.0	1		08/28/12 19:26	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	1		08/28/12 19:26	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	4.0	1		08/28/12 19:26	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.0	1		08/28/12 19:26	76-13-1	
1,1-Dichloroethane	ND	ug/kg	4.0	1		08/28/12 19:26	75-34-3	
1,1-Dichloroethene	ND	ug/kg	4.0	1		08/28/12 19:26	75-35-4	
1,1-Dichloropropene	ND	ug/kg	4.0	1		08/28/12 19:26	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	1		08/28/12 19:26	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	4.0	1		08/28/12 19:26	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	1		08/28/12 19:26	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	1		08/28/12 19:26	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	1		08/28/12 19:26	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	1		08/28/12 19:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.0	1		08/28/12 19:26	95-50-1	
1,2-Dichloroethane	ND	ug/kg	4.0	1		08/28/12 19:26	107-06-2	
1,2-Dichloroethene (Total)	123	ug/kg	7.9	1		08/28/12 19:26	540-59-0	
1,2-Dichloropropane	ND	ug/kg	4.0	1		08/28/12 19:26	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	1		08/28/12 19:26	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	4.0	1		08/28/12 19:26	541-73-1	
1,3-Dichloropropane	ND	ug/kg	4.0	1		08/28/12 19:26	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	4.0	1		08/28/12 19:26	106-46-7	
2,2-Dichloropropane	ND	ug/kg	4.0	1		08/28/12 19:26	594-20-7	
2-Butanone (MEK)	ND	ug/kg	13.2	1		08/28/12 19:26	78-93-3	
2-Chlorotoluene	ND	ug/kg	4.0	1		08/28/12 19:26	95-49-8	
2-Hexanone	ND	ug/kg	13.2	1		08/28/12 19:26	591-78-6	
4-Chlorotoluene	ND	ug/kg	4.0	1		08/28/12 19:26	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.2	1		08/28/12 19:26	108-10-1	
Acetone	86.6	ug/kg	13.2	1		08/28/12 19:26	67-64-1	
Benzene	ND	ug/kg	4.0	1		08/28/12 19:26	71-43-2	
Bromobenzene	ND	ug/kg	4.0	1		08/28/12 19:26	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	1		08/28/12 19:26	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	1		08/28/12 19:26	75-27-4	
Bromoform	ND	ug/kg	4.0	1		08/28/12 19:26	75-25-2	
Bromomethane	ND	ug/kg	4.0	1		08/28/12 19:26	74-83-9	
Carbon disulfide	12.5	ug/kg	4.0	1		08/28/12 19:26	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	1		08/28/12 19:26	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	1		08/28/12 19:26	108-90-7	
Chloroethane	ND	ug/kg	4.0	1		08/28/12 19:26	75-00-3	
Chloroform	ND	ug/kg	4.0	1		08/28/12 19:26	67-66-3	
Chloromethane	ND	ug/kg	4.0	1		08/28/12 19:26	74-87-3	
Dibromochloromethane	ND	ug/kg	4.0	1		08/28/12 19:26	124-48-1	
Dibromomethane	ND	ug/kg	4.0	1		08/28/12 19:26	74-95-3	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_74_12-14_082412 **Lab ID:** 2513412045 Collected: 08/24/12 12:30 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Dichlorodifluoromethane	ND	ug/kg	4.0	1		08/28/12 19:26	75-71-8	
Ethylbenzene	ND	ug/kg	4.0	1		08/28/12 19:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	1		08/28/12 19:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1		08/28/12 19:26	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1		08/28/12 19:26	1634-04-4	
Methylene chloride	ND	ug/kg	13.2	1		08/28/12 19:26	75-09-2	
Naphthalene	ND	ug/kg	4.0	1		08/28/12 19:26	91-20-3	
Styrene	ND	ug/kg	4.0	1		08/28/12 19:26	100-42-5	
Tetrachloroethene	43.3	ug/kg	4.0	1		08/28/12 19:26	127-18-4	
Toluene	109	ug/kg	4.0	1		08/28/12 19:26	108-88-3	
Trichloroethene	5.0	ug/kg	4.0	1		08/28/12 19:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	1		08/28/12 19:26	75-69-4	
Vinyl chloride	5.2	ug/kg	4.0	1		08/28/12 19:26	75-01-4	
Xylene (Total)	ND	ug/kg	11.9	1		08/28/12 19:26	1330-20-7	
cis-1,2-Dichloroethene	122	ug/kg	4.0	1		08/28/12 19:26	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	1		08/28/12 19:26	10061-01-5	
m&p-Xylene	ND	ug/kg	7.9	1		08/28/12 19:26	179601-23-1	
n-Butylbenzene	ND	ug/kg	4.0	1		08/28/12 19:26	104-51-8	
n-Propylbenzene	ND	ug/kg	4.0	1		08/28/12 19:26	103-65-1	
o-Xylene	ND	ug/kg	4.0	1		08/28/12 19:26	95-47-6	
p-Isopropyltoluene	207	ug/kg	4.0	1		08/28/12 19:26	99-87-6	
sec-Butylbenzene	ND	ug/kg	4.0	1		08/28/12 19:26	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	4.0	1		08/28/12 19:26	994-05-8	
tert-Butylbenzene	ND	ug/kg	4.0	1		08/28/12 19:26	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	1		08/28/12 19:26	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	1		08/28/12 19:26	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	106	%	74-126	1		08/28/12 19:26	1868-53-7	G2
Toluene-d8 (S)	98	%	71-130	1		08/28/12 19:26	2037-26-5	
4-Bromofluorobenzene (S)	102	%	68-141	1		08/28/12 19:26	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	68-141	1		08/28/12 19:26	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	31.7	%	0.10	1		09/07/12 16:42		
------------------	-------------	---	------	---	--	----------------	--	--

Sample: SUP_SL_74_14-16_082412 **Lab ID:** 2513412046 Collected: 08/24/12 12:35 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Arsenic	3.7J	mg/kg	10.9	5	08/30/12 10:10	08/31/12 11:03	7440-38-2	
Cadmium	ND	mg/kg	2.2	5	08/30/12 10:10	08/31/12 11:03	7440-43-9	D3
Lead	2.7	mg/kg	1.1	1	08/30/12 10:10	08/31/12 12:20	7439-92-1	B

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: **SUP_SL_74_14-16_082412** Lab ID: **2513412046** Collected: 08/24/12 12:35 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.5	1		08/28/12 19:47	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.5	1		08/28/12 19:47	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.5	1		08/28/12 19:47	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.5	1		08/28/12 19:47	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.5	1		08/28/12 19:47	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.5	1		08/28/12 19:47	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.5	1		08/28/12 19:47	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.5	1		08/28/12 19:47	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.5	1		08/28/12 19:47	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.5	1		08/28/12 19:47	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.5	1		08/28/12 19:47	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.5	1		08/28/12 19:47	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	1		08/28/12 19:47	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.5	1		08/28/12 19:47	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.5	1		08/28/12 19:47	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.5	1		08/28/12 19:47	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.0	1		08/28/12 19:47	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.5	1		08/28/12 19:47	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.5	1		08/28/12 19:47	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.5	1		08/28/12 19:47	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.5	1		08/28/12 19:47	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.5	1		08/28/12 19:47	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.5	1		08/28/12 19:47	594-20-7	
2-Butanone (MEK)	ND	ug/kg	11.6	1		08/28/12 19:47	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.5	1		08/28/12 19:47	95-49-8	
2-Hexanone	ND	ug/kg	11.6	1		08/28/12 19:47	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.5	1		08/28/12 19:47	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.6	1		08/28/12 19:47	108-10-1	
Acetone	20.4	ug/kg	11.6	1		08/28/12 19:47	67-64-1	
Benzene	ND	ug/kg	3.5	1		08/28/12 19:47	71-43-2	
Bromobenzene	ND	ug/kg	3.5	1		08/28/12 19:47	108-86-1	
Bromochloromethane	ND	ug/kg	3.5	1		08/28/12 19:47	74-97-5	
Bromodichloromethane	ND	ug/kg	3.5	1		08/28/12 19:47	75-27-4	
Bromoform	ND	ug/kg	3.5	1		08/28/12 19:47	75-25-2	
Bromomethane	ND	ug/kg	3.5	1		08/28/12 19:47	74-83-9	
Carbon disulfide	ND	ug/kg	3.5	1		08/28/12 19:47	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.5	1		08/28/12 19:47	56-23-5	
Chlorobenzene	ND	ug/kg	3.5	1		08/28/12 19:47	108-90-7	
Chloroethane	ND	ug/kg	3.5	1		08/28/12 19:47	75-00-3	
Chloroform	ND	ug/kg	3.5	1		08/28/12 19:47	67-66-3	
Chloromethane	ND	ug/kg	3.5	1		08/28/12 19:47	74-87-3	
Dibromochloromethane	ND	ug/kg	3.5	1		08/28/12 19:47	124-48-1	
Dibromomethane	ND	ug/kg	3.5	1		08/28/12 19:47	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.5	1		08/28/12 19:47	75-71-8	
Ethylbenzene	ND	ug/kg	3.5	1		08/28/12 19:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.5	1		08/28/12 19:47	87-68-3	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SUP_SL_74_14-16_082412 Lab ID: 2513412046 Collected: 08/24/12 12:35 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Isopropylbenzene (Cumene)	ND	ug/kg	3.5	1		08/28/12 19:47	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.5	1		08/28/12 19:47	1634-04-4	
Methylene chloride	ND	ug/kg	11.6	1		08/28/12 19:47	75-09-2	
Naphthalene	ND	ug/kg	3.5	1		08/28/12 19:47	91-20-3	
Styrene	ND	ug/kg	3.5	1		08/28/12 19:47	100-42-5	
Tetrachloroethene	5.7	ug/kg	3.5	1		08/28/12 19:47	127-18-4	
Toluene	ND	ug/kg	3.5	1		08/28/12 19:47	108-88-3	
Trichloroethene	ND	ug/kg	3.5	1		08/28/12 19:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.5	1		08/28/12 19:47	75-69-4	
Vinyl chloride	ND	ug/kg	3.5	1		08/28/12 19:47	75-01-4	
Xylene (Total)	ND	ug/kg	10.4	1		08/28/12 19:47	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.5	1		08/28/12 19:47	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.5	1		08/28/12 19:47	10061-01-5	
m&p-Xylene	ND	ug/kg	7.0	1		08/28/12 19:47	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.5	1		08/28/12 19:47	104-51-8	
n-Propylbenzene	ND	ug/kg	3.5	1		08/28/12 19:47	103-65-1	
o-Xylene	ND	ug/kg	3.5	1		08/28/12 19:47	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.5	1		08/28/12 19:47	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.5	1		08/28/12 19:47	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.5	1		08/28/12 19:47	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.5	1		08/28/12 19:47	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.5	1		08/28/12 19:47	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.5	1		08/28/12 19:47	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	105 %		74-126	1		08/28/12 19:47	1868-53-7	G2
Toluene-d8 (S)	98 %		71-130	1		08/28/12 19:47	2037-26-5	
4-Bromofluorobenzene (S)	101 %		68-141	1		08/28/12 19:47	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		68-141	1		08/28/12 19:47	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	23.9 %		0.10	1		09/07/12 16:42		

Sample: Trip Blank 1 Lab ID: 2513412047 Collected: 08/24/12 00:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	1		08/28/12 12:32	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	1		08/28/12 12:32	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	1		08/28/12 12:32	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	1		08/28/12 12:32	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	1		08/28/12 12:32	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	1		08/28/12 12:32	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	1		08/28/12 12:32	75-35-4	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 56 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: Trip Blank 1 **Lab ID:** 2513412047 Collected: 08/24/12 00:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1-Dichloropropene	ND	ug/kg	3.0	1		08/28/12 12:32	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:32	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	1		08/28/12 12:32	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:32	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	1		08/28/12 12:32	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	1		08/28/12 12:32	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	1		08/28/12 12:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:32	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	1		08/28/12 12:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	1		08/28/12 12:32	540-59-0	
1,2-Dichloropropane	ND	ug/kg	3.0	1		08/28/12 12:32	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	1		08/28/12 12:32	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:32	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	1		08/28/12 12:32	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:32	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	1		08/28/12 12:32	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1		08/28/12 12:32	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	1		08/28/12 12:32	95-49-8	
2-Hexanone	ND	ug/kg	10.0	1		08/28/12 12:32	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	1		08/28/12 12:32	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	1		08/28/12 12:32	108-10-1	
Acetone	ND	ug/kg	10.0	1		08/28/12 12:32	67-64-1	
Benzene	ND	ug/kg	3.0	1		08/28/12 12:32	71-43-2	
Bromobenzene	ND	ug/kg	3.0	1		08/28/12 12:32	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	1		08/28/12 12:32	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	1		08/28/12 12:32	75-27-4	
Bromoform	ND	ug/kg	3.0	1		08/28/12 12:32	75-25-2	
Bromomethane	ND	ug/kg	3.0	1		08/28/12 12:32	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	1		08/28/12 12:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	1		08/28/12 12:32	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:32	108-90-7	
Chloroethane	ND	ug/kg	3.0	1		08/28/12 12:32	75-00-3	
Chloroform	ND	ug/kg	3.0	1		08/28/12 12:32	67-66-3	
Chloromethane	ND	ug/kg	3.0	1		08/28/12 12:32	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	1		08/28/12 12:32	124-48-1	
Dibromomethane	ND	ug/kg	3.0	1		08/28/12 12:32	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	1		08/28/12 12:32	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	1		08/28/12 12:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	1		08/28/12 12:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	1		08/28/12 12:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	1		08/28/12 12:32	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	1		08/28/12 12:32	75-09-2	
Naphthalene	ND	ug/kg	3.0	1		08/28/12 12:32	91-20-3	
Styrene	ND	ug/kg	3.0	1		08/28/12 12:32	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	1		08/28/12 12:32	127-18-4	
Toluene	ND	ug/kg	3.0	1		08/28/12 12:32	108-88-3	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: Trip Blank 1 **Lab ID: 2513412047** Collected: 08/24/12 00:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Trichloroethene	ND	ug/kg	3.0	1		08/28/12 12:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	1		08/28/12 12:32	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	1		08/28/12 12:32	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		08/28/12 12:32	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	1		08/28/12 12:32	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	1		08/28/12 12:32	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	1		08/28/12 12:32	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	1		08/28/12 12:32	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	1		08/28/12 12:32	103-65-1	
o-Xylene	ND	ug/kg	3.0	1		08/28/12 12:32	95-47-6	
p-Isopropyltoluene	ND	ug/kg	3.0	1		08/28/12 12:32	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	1		08/28/12 12:32	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	1		08/28/12 12:32	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	1		08/28/12 12:32	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	1		08/28/12 12:32	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	1		08/28/12 12:32	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	106 %		74-126	1		08/28/12 12:32	1868-53-7	
Toluene-d8 (S)	96 %		71-130	1		08/28/12 12:32	2037-26-5	
4-Bromofluorobenzene (S)	101 %		68-141	1		08/28/12 12:32	460-00-4	
1,2-Dichloroethane-d4 (S)	115 %		68-141	1		08/28/12 12:32	17060-07-0	

Sample: Trip Blank 2 **Lab ID: 2513412048** Collected: 08/24/12 00:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0	1		08/28/12 12:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/kg	3.0	1		08/28/12 12:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0	1		08/28/12 12:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/kg	3.0	1		08/28/12 12:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.0	1		08/28/12 12:52	76-13-1	
1,1-Dichloroethane	ND	ug/kg	3.0	1		08/28/12 12:52	75-34-3	
1,1-Dichloroethene	ND	ug/kg	3.0	1		08/28/12 12:52	75-35-4	
1,1-Dichloropropene	ND	ug/kg	3.0	1		08/28/12 12:52	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/kg	3.0	1		08/28/12 12:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/kg	3.0	1		08/28/12 12:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	1		08/28/12 12:52	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.0	1		08/28/12 12:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:52	95-50-1	
1,2-Dichloroethane	ND	ug/kg	3.0	1		08/28/12 12:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.0	1		08/28/12 12:52	540-59-0	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: Trip Blank 2 **Lab ID: 2513412048** Collected: 08/24/12 00:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
1,2-Dichloropropane	ND	ug/kg	3.0	1		08/28/12 12:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/kg	3.0	1		08/28/12 12:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:52	541-73-1	
1,3-Dichloropropane	ND	ug/kg	3.0	1		08/28/12 12:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:52	106-46-7	
2,2-Dichloropropane	ND	ug/kg	3.0	1		08/28/12 12:52	594-20-7	
2-Butanone (MEK)	ND	ug/kg	10.0	1		08/28/12 12:52	78-93-3	
2-Chlorotoluene	ND	ug/kg	3.0	1		08/28/12 12:52	95-49-8	
2-Hexanone	ND	ug/kg	10.0	1		08/28/12 12:52	591-78-6	
4-Chlorotoluene	ND	ug/kg	3.0	1		08/28/12 12:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	1		08/28/12 12:52	108-10-1	
Acetone	ND	ug/kg	10.0	1		08/28/12 12:52	67-64-1	
Benzene	ND	ug/kg	3.0	1		08/28/12 12:52	71-43-2	
Bromobenzene	ND	ug/kg	3.0	1		08/28/12 12:52	108-86-1	
Bromochloromethane	ND	ug/kg	3.0	1		08/28/12 12:52	74-97-5	
Bromodichloromethane	ND	ug/kg	3.0	1		08/28/12 12:52	75-27-4	
Bromoform	ND	ug/kg	3.0	1		08/28/12 12:52	75-25-2	
Bromomethane	ND	ug/kg	3.0	1		08/28/12 12:52	74-83-9	
Carbon disulfide	ND	ug/kg	3.0	1		08/28/12 12:52	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.0	1		08/28/12 12:52	56-23-5	
Chlorobenzene	ND	ug/kg	3.0	1		08/28/12 12:52	108-90-7	
Chloroethane	ND	ug/kg	3.0	1		08/28/12 12:52	75-00-3	
Chloroform	ND	ug/kg	3.0	1		08/28/12 12:52	67-66-3	
Chloromethane	ND	ug/kg	3.0	1		08/28/12 12:52	74-87-3	
Dibromochloromethane	ND	ug/kg	3.0	1		08/28/12 12:52	124-48-1	
Dibromomethane	ND	ug/kg	3.0	1		08/28/12 12:52	74-95-3	
Dichlorodifluoromethane	ND	ug/kg	3.0	1		08/28/12 12:52	75-71-8	
Ethylbenzene	ND	ug/kg	3.0	1		08/28/12 12:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.0	1		08/28/12 12:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/kg	3.0	1		08/28/12 12:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	3.0	1		08/28/12 12:52	1634-04-4	
Methylene chloride	ND	ug/kg	10.0	1		08/28/12 12:52	75-09-2	
Naphthalene	ND	ug/kg	3.0	1		08/28/12 12:52	91-20-3	
Styrene	ND	ug/kg	3.0	1		08/28/12 12:52	100-42-5	
Tetrachloroethene	ND	ug/kg	3.0	1		08/28/12 12:52	127-18-4	
Toluene	ND	ug/kg	3.0	1		08/28/12 12:52	108-88-3	
Trichloroethene	ND	ug/kg	3.0	1		08/28/12 12:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.0	1		08/28/12 12:52	75-69-4	
Vinyl chloride	ND	ug/kg	3.0	1		08/28/12 12:52	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		08/28/12 12:52	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/kg	3.0	1		08/28/12 12:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/kg	3.0	1		08/28/12 12:52	10061-01-5	
m&p-Xylene	ND	ug/kg	6.0	1		08/28/12 12:52	179601-23-1	
n-Butylbenzene	ND	ug/kg	3.0	1		08/28/12 12:52	104-51-8	
n-Propylbenzene	ND	ug/kg	3.0	1		08/28/12 12:52	103-65-1	
o-Xylene	ND	ug/kg	3.0	1		08/28/12 12:52	95-47-6	

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: Trip Blank 2 **Lab ID: 2513412048** Collected: 08/24/12 00:00 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND	ug/kg	3.0	1		08/28/12 12:52	99-87-6	
sec-Butylbenzene	ND	ug/kg	3.0	1		08/28/12 12:52	135-98-8	
tert-Amylmethyl ether	ND	ug/kg	3.0	1		08/28/12 12:52	994-05-8	
tert-Butylbenzene	ND	ug/kg	3.0	1		08/28/12 12:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/kg	3.0	1		08/28/12 12:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.0	1		08/28/12 12:52	10061-02-6	
Surrogates								
Dibromofluoromethane (S)	106 %		74-126	1		08/28/12 12:52	1868-53-7	
Toluene-d8 (S)	93 %		71-130	1		08/28/12 12:52	2037-26-5	
4-Bromofluorobenzene (S)	103 %		68-141	1		08/28/12 12:52	460-00-4	
1,2-Dichloroethane-d4 (S)	111 %		68-141	1		08/28/12 12:52	17060-07-0	

Sample: Trip Blank 3 **Lab ID: 2513412049** Collected: 08/24/12 00:00 Received: 08/24/12 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx MSV		Analytical Method: NWTPH-Gx						
Gasoline Range Organics	ND	ug/L	50.0	1		08/29/12 11:21		
Surrogates								
4-Bromofluorobenzene (S)	97 %		50-150	1		08/29/12 11:21	460-00-4	

Sample: SSMW7-C **Lab ID: 2513412050** Collected: 08/23/12 08:35 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon Quad		Analytical Method: EPA 9060						
RSD%	9.7 %			1		09/10/12 13:45		
Total Organic Carbon	17100	mg/kg	16700	1		09/10/12 13:32	7440-44-0	
Total Organic Carbon	15600	mg/kg	14300	1		09/10/12 13:36	7440-44-0	
Total Organic Carbon	19700	mg/kg	11100	1		09/10/12 13:39	7440-44-0	
Total Organic Carbon	17100	mg/kg	16700	1		09/10/12 13:45	7440-44-0	
Mean Total Organic Carbon	17400	mg/kg	14700	1		09/10/12 13:45	7440-44-0	

Sample: SSMW7-S **Lab ID: 2513412051** Collected: 08/23/12 08:36 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon Quad		Analytical Method: EPA 9060						
RSD%	5.9 %			1		09/10/12 14:30		
Total Organic Carbon	1720	mg/kg	1690	1		09/10/12 14:21	7440-44-0	
Total Organic Carbon	1630	mg/kg	1540	1		09/10/12 14:24	7440-44-0	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 60 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Sample: SSMW7-S **Lab ID: 2513412051** Collected: 08/23/12 08:36 Received: 08/24/12 15:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon Quad		Analytical Method: EPA 9060						
Total Organic Carbon	1550	mg/kg	1490	1		09/10/12 14:27	7440-44-0	
Total Organic Carbon	1500	mg/kg	1330	1		09/10/12 14:30	7440-44-0	
Mean Total Organic Carbon	1600	mg/kg	1510	1		09/10/12 14:30	7440-44-0	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch:	MERP/1762	Analysis Method:	EPA 7470
QC Batch Method:	EPA 7470	Analysis Description:	7470 Mercury
Associated Lab Samples:	2513412017		

METHOD BLANK: 129084 Matrix: Water

Associated Lab Samples: 2513412017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	0.000030J	0.00020	09/04/12 11:01	

LABORATORY CONTROL SAMPLE: 129085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 129086 129087

Parameter	Units	2513412017		MSD		MS		MSD		% Rec Limits	Max		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec		RPD	RPD	
Mercury	mg/L	0.000025J	.005	.005	0.0047	0.0046	94	91	75-125	4	20		

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III
Pace Project No.: 2513412

QC Batch: MERP/1765 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
Associated Lab Samples: 2513412017

METHOD BLANK: 129585 Matrix: Water
Associated Lab Samples: 2513412017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	ND	0.00020	09/10/12 11:49	

LABORATORY CONTROL SAMPLE: 129586

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0049	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 129587 129588

Parameter	Units	2513412017		MS		MSD		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result							
Mercury, Dissolved	mg/L	0.00002	5J	.005	.005	0.0047	0.0047	94	94	75-125	.4	20		

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: MPRP/3295 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 2513412001, 2513412002, 2513412003, 2513412004, 2513412005, 2513412006, 2513412007, 2513412008, 2513412009, 2513412010, 2513412011, 2513412012, 2513412013, 2513412014, 2513412015, 2513412016, 2513412018, 2513412019, 2513412020, 2513412021

METHOD BLANK: 128753 Matrix: Solid
 Associated Lab Samples: 2513412001, 2513412002, 2513412003, 2513412004, 2513412005, 2513412006, 2513412007, 2513412008, 2513412009, 2513412010, 2513412011, 2513412012, 2513412013, 2513412014, 2513412015, 2513412016, 2513412018, 2513412019, 2513412020, 2513412021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	09/05/12 09:48	
Cadmium	mg/kg	ND	0.40	09/05/12 09:48	
Lead	mg/kg	ND	1.0	09/05/12 09:48	

LABORATORY CONTROL SAMPLE: 128754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.8	99	80-120	
Cadmium	mg/kg	25	25.2	101	80-120	
Lead	mg/kg	25	26.1	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 128755 128756

Parameter	Units	2513412001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	303	25.7	25.9	202	192	-392	-426	75-125	5	20	M1
Cadmium	mg/kg	5.1	25.7	25.9	28.1	30.2	90	97	75-125	7	20	
Lead	mg/kg	420	25.7	25.9	311	264	-427	-605	75-125	16	20	M1

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: MPRP/3296 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 2513412022, 2513412023, 2513412024, 2513412025, 2513412026, 2513412027, 2513412028, 2513412029,
 2513412030, 2513412031, 2513412032, 2513412033, 2513412034, 2513412035, 2513412036, 2513412037,
 2513412038, 2513412039, 2513412040, 2513412041

METHOD BLANK: 128757 Matrix: Solid

Associated Lab Samples: 2513412022, 2513412023, 2513412024, 2513412025, 2513412026, 2513412027, 2513412028, 2513412029,
 2513412030, 2513412031, 2513412032, 2513412033, 2513412034, 2513412035, 2513412036, 2513412037,
 2513412038, 2513412039, 2513412040, 2513412041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	09/05/12 13:26	
Cadmium	mg/kg	ND	0.40	09/05/12 13:26	
Lead	mg/kg	ND	1.0	09/05/12 13:26	

LABORATORY CONTROL SAMPLE: 128758

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.2	97	80-120	
Cadmium	mg/kg	25	25.5	102	80-120	
Lead	mg/kg	25	26.6	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 128759 128760

Parameter	Units	2513412022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	822	21.3	21.2	635	800	-877	-104	75-125	23	20	M2,R1
Cadmium	mg/kg	13.7	21.3	21.2	33.0	36.5	91	108	75-125	10	20	
Lead	mg/kg	1500	21.3	21.2	1150	1470	-1610	-134	75-125	24	20	M2,R1

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: MPRP/3297 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 2513412042, 2513412043, 2513412044, 2513412045, 2513412046

METHOD BLANK: 128762 Matrix: Solid
 Associated Lab Samples: 2513412042, 2513412043, 2513412044, 2513412045, 2513412046

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	2.0	08/31/12 10:41	
Cadmium	mg/kg	ND	0.40	08/31/12 10:41	
Lead	mg/kg	0.064J	1.0	08/31/12 10:41	

LABORATORY CONTROL SAMPLE: 128763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.0	96	80-120	
Cadmium	mg/kg	25	24.2	97	80-120	
Lead	mg/kg	25	25.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 128829 128830

Parameter	Units	2513430007 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	MSD Result					
Arsenic	mg/kg	ND	26.5	31.8	26.2	28.1	105	92	75-125	12	20
Cadmium	mg/kg	ND	26.5	27.7	26.2	25.6	105	98	75-125	8	20
Lead	mg/kg	4.7	26.5	29.4	26.2	27.9	93	88	75-125	5	20

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: MPRP/3312 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET
 Associated Lab Samples: 2513412017

METHOD BLANK: 129256 Matrix: Water

Associated Lab Samples: 2513412017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	09/07/12 15:03	
Cadmium	mg/L	ND	0.0050	09/07/12 15:03	
Lead	mg/L	ND	0.010	09/07/12 15:03	

LABORATORY CONTROL SAMPLE: 129257

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.51	102	80-120	
Cadmium	mg/L	.5	0.54	109	80-120	
Lead	mg/L	.5	0.55	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 129258 129259

Parameter	Units	2513412017 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result				RPD	RPD	
Arsenic	mg/L	0.91	.5	1.6	.5	1.7	140	148	75-125	3	20	M1
Cadmium	mg/L	0.017	.5	0.57	.5	0.57	110	111	75-125	.9	20	
Lead	mg/L	0.23	.5	0.80	.5	0.82	115	118	75-125	2	20	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III
Pace Project No.: 2513412

QC Batch: MPRP/3314 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 2513412017

METHOD BLANK: 129278 Matrix: Water
Associated Lab Samples: 2513412017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	ND	0.020	09/07/12 14:20	
Cadmium, Dissolved	mg/L	ND	0.0050	09/07/12 14:20	
Lead, Dissolved	mg/L	ND	0.010	09/07/12 14:20	

LABORATORY CONTROL SAMPLE: 129279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.51	102	80-120	
Cadmium, Dissolved	mg/L	.5	0.53	107	80-120	
Lead, Dissolved	mg/L	.5	0.54	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 129280 129281

Parameter	Units	2513412017 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result					
Arsenic, Dissolved	mg/L	0.40	.5	0.94	.5	0.91	107	102	75-125	3	20
Cadmium, Dissolved	mg/L	0.0073	.5	0.56	.5	0.55	110	108	75-125	2	20
Lead, Dissolved	mg/L	ND	.5	0.54	.5	0.53	108	106	75-125	2	20

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: MSV/7702 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035A Analysis Description: 8260 MSV 5035A Medium Soil
 Associated Lab Samples: 2513412034, 2513412035, 2513412036, 2513412037, 2513412041, 2513412042, 2513412043

METHOD BLANK: 129220 Matrix: Solid

Associated Lab Samples: 2513412034, 2513412035, 2513412036, 2513412037, 2513412041, 2513412042, 2513412043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethene (Total)	ug/kg	ND	100	09/05/12 15:01	
Acetone	ug/kg	ND	500	09/05/12 15:01	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	09/05/12 15:01	
Hexachloro-1,3-butadiene	ug/kg	ND	100	09/05/12 15:01	
p-Isopropyltoluene	ug/kg	ND	50.0	09/05/12 15:01	
Tetrachloroethene	ug/kg	ND	50.0	09/05/12 15:01	
Toluene	ug/kg	ND	50.0	09/05/12 15:01	
trans-1,2-Dichloroethene	ug/kg	ND	50.0	09/05/12 15:01	
Trichloroethene	ug/kg	ND	50.0	09/05/12 15:01	
Vinyl chloride	ug/kg	ND	50.0	09/05/12 15:01	
1,2-Dichloroethane-d4 (S)	%	89	70-125	09/05/12 15:01	
4-Bromofluorobenzene (S)	%	101	73-128	09/05/12 15:01	
Dibromofluoromethane (S)	%	92	75-116	09/05/12 15:01	
Toluene-d8 (S)	%	108	74-124	09/05/12 15:01	

LABORATORY CONTROL SAMPLE: 129221

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/kg	2000	1670	84	76-129	
Acetone	ug/kg	2000	2180	109	40-160	
cis-1,2-Dichloroethene	ug/kg	1000	896	90	75-130	
Hexachloro-1,3-butadiene	ug/kg	1000	1020	102	54-148	
p-Isopropyltoluene	ug/kg	1000	885	88	71-129	
Tetrachloroethene	ug/kg	1000	1090	109	40-129	
Toluene	ug/kg	1000	909	91	69-118	
trans-1,2-Dichloroethene	ug/kg	1000	774	77	74-130	
Trichloroethene	ug/kg	1000	936	94	73-122	
Vinyl chloride	ug/kg	1000	670	67	46-146	
1,2-Dichloroethane-d4 (S)	%			92	70-125	
4-Bromofluorobenzene (S)	%			91	73-128	
Dibromofluoromethane (S)	%			100	75-116	
Toluene-d8 (S)	%			105	74-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 129264 129265

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		2513430007 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,2-Dichloroethene (Total)	ug/kg		1850	1850	1850	1730	100	94	77-135	6	27	
Acetone	ug/kg		1850	1850	1480	1450	72	71	40-160	2	30	
cis-1,2-Dichloroethene	ug/kg		922	922	1040	970	113	105	73-139	7	30	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 69 of 97

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 129264		129265		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		2513430007 Result	MS Spike Conc.	MSD Spike Conc.									
Hexachloro-1,3-butadiene	ug/kg		922	922	1270	1200	138	131	53-160	6	30		
p-Isopropyltoluene	ug/kg		922	922	1080	979	113	103	64-147	10	30		
Tetrachloroethene	ug/kg		922	922	1310	1180	142	128	42-143	11	30		
Toluene	ug/kg	ND	922	922	1050	945	113	101	65-130	10	26		
trans-1,2-Dichloroethene	ug/kg		922	922	808	765	88	83	76-138	5	30		
Trichloroethene	ug/kg		922	922	1080	988	117	107	66-138	9	30		
Vinyl chloride	ug/kg		922	922	567	608	62	66	40-149	7	28		
1,2-Dichloroethane-d4 (S)	%						98	101	70-125				
4-Bromofluorobenzene (S)	%						109	107	73-128				
Dibromofluoromethane (S)	%						110	110	75-116				
Toluene-d8 (S)	%						117	116	74-124				

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: MSV/7663 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
 Associated Lab Samples: 2513412027, 2513412028, 2513412029, 2513412030, 2513412031, 2513412032, 2513412033, 2513412034, 2513412035, 2513412036, 2513412037

METHOD BLANK: 128625 Matrix: Solid

Associated Lab Samples: 2513412027, 2513412028, 2513412029, 2513412030, 2513412031, 2513412032, 2513412033, 2513412034, 2513412035, 2513412036, 2513412037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/28/12 11:50	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/28/12 11:50	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/28/12 11:50	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/28/12 11:50	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/28/12 11:50	
1,1-Dichloroethane	ug/kg	ND	3.0	08/28/12 11:50	
1,1-Dichloroethene	ug/kg	ND	3.0	08/28/12 11:50	
1,1-Dichloropropene	ug/kg	ND	3.0	08/28/12 11:50	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/28/12 11:50	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/28/12 11:50	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	08/28/12 11:50	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/28/12 11:50	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/28/12 11:50	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/28/12 11:50	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/28/12 11:50	
1,2-Dichloroethane	ug/kg	ND	3.0	08/28/12 11:50	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/28/12 11:50	
1,2-Dichloropropane	ug/kg	ND	3.0	08/28/12 11:50	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/28/12 11:50	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/28/12 11:50	
1,3-Dichloropropane	ug/kg	ND	3.0	08/28/12 11:50	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/28/12 11:50	
2,2-Dichloropropane	ug/kg	ND	3.0	08/28/12 11:50	
2-Butanone (MEK)	ug/kg	ND	10.0	08/28/12 11:50	
2-Chlorotoluene	ug/kg	ND	3.0	08/28/12 11:50	
2-Hexanone	ug/kg	ND	10.0	08/28/12 11:50	
4-Chlorotoluene	ug/kg	ND	3.0	08/28/12 11:50	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/28/12 11:50	
Acetone	ug/kg	ND	10.0	08/28/12 11:50	
Benzene	ug/kg	ND	3.0	08/28/12 11:50	
Bromobenzene	ug/kg	ND	3.0	08/28/12 11:50	
Bromochloromethane	ug/kg	ND	3.0	08/28/12 11:50	
Bromodichloromethane	ug/kg	ND	3.0	08/28/12 11:50	
Bromoform	ug/kg	ND	3.0	08/28/12 11:50	
Bromomethane	ug/kg	ND	3.0	08/28/12 11:50	
Carbon disulfide	ug/kg	ND	3.0	08/28/12 11:50	
Carbon tetrachloride	ug/kg	ND	3.0	08/28/12 11:50	
Chlorobenzene	ug/kg	ND	3.0	08/28/12 11:50	
Chloroethane	ug/kg	ND	3.0	08/28/12 11:50	
Chloroform	ug/kg	ND	3.0	08/28/12 11:50	
Chloromethane	ug/kg	ND	3.0	08/28/12 11:50	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

METHOD BLANK: 128625

Matrix: Solid

Associated Lab Samples: 2513412027, 2513412028, 2513412029, 2513412030, 2513412031, 2513412032, 2513412033, 2513412034, 2513412035, 2513412036, 2513412037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/28/12 11:50	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/28/12 11:50	
Dibromochloromethane	ug/kg	ND	3.0	08/28/12 11:50	
Dibromomethane	ug/kg	ND	3.0	08/28/12 11:50	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/28/12 11:50	
Ethylbenzene	ug/kg	ND	3.0	08/28/12 11:50	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/28/12 11:50	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/28/12 11:50	
m&p-Xylene	ug/kg	ND	6.0	08/28/12 11:50	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/28/12 11:50	
Methylene chloride	ug/kg	ND	10.0	08/28/12 11:50	
n-Butylbenzene	ug/kg	ND	3.0	08/28/12 11:50	
n-Propylbenzene	ug/kg	ND	3.0	08/28/12 11:50	
Naphthalene	ug/kg	ND	3.0	08/28/12 11:50	
o-Xylene	ug/kg	ND	3.0	08/28/12 11:50	
p-Isopropyltoluene	ug/kg	ND	3.0	08/28/12 11:50	
sec-Butylbenzene	ug/kg	ND	3.0	08/28/12 11:50	
Styrene	ug/kg	ND	3.0	08/28/12 11:50	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/28/12 11:50	
tert-Butylbenzene	ug/kg	ND	3.0	08/28/12 11:50	
Tetrachloroethene	ug/kg	ND	3.0	08/28/12 11:50	
Toluene	ug/kg	ND	3.0	08/28/12 11:50	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/28/12 11:50	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/28/12 11:50	
Trichloroethene	ug/kg	ND	3.0	08/28/12 11:50	
Trichlorofluoromethane	ug/kg	ND	3.0	08/28/12 11:50	
Vinyl chloride	ug/kg	ND	3.0	08/28/12 11:50	
Xylene (Total)	ug/kg	ND	9.0	08/28/12 11:50	
1,2-Dichloroethane-d4 (S)	%	94	68-141	08/28/12 11:50	
4-Bromofluorobenzene (S)	%	101	68-141	08/28/12 11:50	
Dibromofluoromethane (S)	%	95	74-126	08/28/12 11:50	
Toluene-d8 (S)	%	99	71-130	08/28/12 11:50	

LABORATORY CONTROL SAMPLE: 128626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	20	21.5	107	75-126	
1,1,1-Trichloroethane	ug/kg	20	22.5	112	65-147	
1,1,2,2-Tetrachloroethane	ug/kg	20	19.5	98	65-129	
1,1,2-Trichloroethane	ug/kg	20	20.9	104	71-125	
1,1,2-Trichlorotrifluoroethane	ug/kg	20	23.7	118	53-160	
1,1-Dichloroethane	ug/kg	20	20.7	103	71-136	
1,1-Dichloroethene	ug/kg	20	20.6	103	56-160	CH
1,1-Dichloropropene	ug/kg	20	20.3	101	60-145	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

LABORATORY CONTROL SAMPLE: 128626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	20	21.9	110	69-124	
1,2,3-Trichloropropane	ug/kg	20	19.9	100	71-119	
1,2,4-Trichlorobenzene	ug/kg	20	22.2	111	69-127	
1,2,4-Trimethylbenzene	ug/kg	20	21.3	106	69-127	
1,2-Dibromo-3-chloropropane	ug/kg	20	20.6	103	55-132	
1,2-Dibromoethane (EDB)	ug/kg	20	20.5	103	73-125	
1,2-Dichlorobenzene	ug/kg	20	21.2	106	77-118	
1,2-Dichloroethane	ug/kg	20	21.6	108	67-137	
1,2-Dichloroethene (Total)	ug/kg	40	41.5	104	71-141	
1,2-Dichloropropane	ug/kg	20	21.1	106	72-133	
1,3,5-Trimethylbenzene	ug/kg	20	20.7	103	70-129	
1,3-Dichlorobenzene	ug/kg	20	20.8	104	76-122	
1,3-Dichloropropane	ug/kg	20	20.4	102	72-125	
1,4-Dichlorobenzene	ug/kg	20	20.9	105	76-119	
2,2-Dichloropropane	ug/kg	20	23.1	115	57-156	
2-Butanone (MEK)	ug/kg	40	39.2	98	40-160	
2-Chlorotoluene	ug/kg	20	20.8	104	70-123	
2-Hexanone	ug/kg	40	41.2	103	40-160	
4-Chlorotoluene	ug/kg	20	21.0	105	74-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	40	41.9	105	58-143	
Acetone	ug/kg	40	40.6	102	40-160	
Benzene	ug/kg	20	19.7	99	67-133	
Bromobenzene	ug/kg	20	21.2	106	77-121	
Bromochloromethane	ug/kg	20	21.2	106	73-132	
Bromodichloromethane	ug/kg	20	21.7	108	71-130	
Bromoform	ug/kg	20	20.3	101	65-127	
Bromomethane	ug/kg	20	23.5	118	41-160	
Carbon disulfide	ug/kg	20	20.2	101	40-160	
Carbon tetrachloride	ug/kg	20	22.6	113	59-157	
Chlorobenzene	ug/kg	20	20.9	105	78-123	
Chloroethane	ug/kg	20	22.2	111	54-153	
Chloroform	ug/kg	20	20.6	103	74-132	
Chloromethane	ug/kg	20	23.0	115	40-149	
cis-1,2-Dichloroethene	ug/kg	20	21.0	105	73-137	
cis-1,3-Dichloropropene	ug/kg	20	22.8	114	63-140	
Dibromochloromethane	ug/kg	20	19.6	98	71-122	
Dibromomethane	ug/kg	20	21.5	107	73-131	
Dichlorodifluoromethane	ug/kg	20	20.9	105	40-160	
Ethylbenzene	ug/kg	20	20.8	104	70-124	
Hexachloro-1,3-butadiene	ug/kg	20	22.1	111	59-141	
Isopropylbenzene (Cumene)	ug/kg	20	21.0	105	72-131	
m&p-Xylene	ug/kg	40	41.1	103	66-129	
Methyl-tert-butyl ether	ug/kg	20	23.1	116	69-136	
Methylene chloride	ug/kg	20	19.7	99	53-160	
n-Butylbenzene	ug/kg	20	20.3	101	65-134	
n-Propylbenzene	ug/kg	20	20.8	104	62-135	
Naphthalene	ug/kg	20	20.4	102	63-129	
o-Xylene	ug/kg	20	20.2	101	70-125	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

LABORATORY CONTROL SAMPLE: 128626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	20	21.2	106	68-130	
sec-Butylbenzene	ug/kg	20	20.2	101	61-137	
Styrene	ug/kg	20	20.9	104	77-124	
tert-Amylmethyl ether	ug/kg	20	32.7	163	55-150	CH,L0
tert-Butylbenzene	ug/kg	20	20.4	102	69-132	
Tetrachloroethene	ug/kg	20	20.7	103	52-148	CH
Toluene	ug/kg	20	20.1	100	67-129	
trans-1,2-Dichloroethene	ug/kg	20	20.5	103	69-146	
trans-1,3-Dichloropropene	ug/kg	20	19.0	95	63-133	
Trichloroethene	ug/kg	20	20.9	104	69-137	
Trichlorofluoromethane	ug/kg	20	24.7	124	50-156	
Vinyl chloride	ug/kg	20	23.0	115	41-156	
Xylene (Total)	ug/kg	60	61.3	102	68-127	
1,2-Dichloroethane-d4 (S)	%			103	68-141	
4-Bromofluorobenzene (S)	%			97	68-141	
Dibromofluoromethane (S)	%			105	74-126	
Toluene-d8 (S)	%			96	71-130	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: MSV/7664 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
 Associated Lab Samples: 2513412039, 2513412040, 2513412042, 2513412043, 2513412044, 2513412045, 2513412046, 2513412047, 2513412048

METHOD BLANK: 128627 Matrix: Solid

Associated Lab Samples: 2513412039, 2513412040, 2513412042, 2513412043, 2513412044, 2513412045, 2513412046, 2513412047, 2513412048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/28/12 12:10	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/28/12 12:10	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/28/12 12:10	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/28/12 12:10	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/28/12 12:10	
1,1-Dichloroethane	ug/kg	ND	3.0	08/28/12 12:10	
1,1-Dichloroethene	ug/kg	ND	3.0	08/28/12 12:10	
1,1-Dichloropropene	ug/kg	ND	3.0	08/28/12 12:10	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/28/12 12:10	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/28/12 12:10	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	08/28/12 12:10	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/28/12 12:10	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/28/12 12:10	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/28/12 12:10	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/28/12 12:10	
1,2-Dichloroethane	ug/kg	ND	3.0	08/28/12 12:10	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	08/28/12 12:10	
1,2-Dichloropropane	ug/kg	ND	3.0	08/28/12 12:10	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/28/12 12:10	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/28/12 12:10	
1,3-Dichloropropane	ug/kg	ND	3.0	08/28/12 12:10	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/28/12 12:10	
2,2-Dichloropropane	ug/kg	ND	3.0	08/28/12 12:10	
2-Butanone (MEK)	ug/kg	ND	10.0	08/28/12 12:10	
2-Chlorotoluene	ug/kg	ND	3.0	08/28/12 12:10	
2-Hexanone	ug/kg	ND	10.0	08/28/12 12:10	
4-Chlorotoluene	ug/kg	ND	3.0	08/28/12 12:10	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/28/12 12:10	
Acetone	ug/kg	ND	10.0	08/28/12 12:10	
Benzene	ug/kg	ND	3.0	08/28/12 12:10	
Bromobenzene	ug/kg	ND	3.0	08/28/12 12:10	
Bromochloromethane	ug/kg	ND	3.0	08/28/12 12:10	
Bromodichloromethane	ug/kg	ND	3.0	08/28/12 12:10	
Bromoform	ug/kg	ND	3.0	08/28/12 12:10	
Bromomethane	ug/kg	ND	3.0	08/28/12 12:10	
Carbon disulfide	ug/kg	ND	3.0	08/28/12 12:10	
Carbon tetrachloride	ug/kg	ND	3.0	08/28/12 12:10	
Chlorobenzene	ug/kg	ND	3.0	08/28/12 12:10	
Chloroethane	ug/kg	ND	3.0	08/28/12 12:10	
Chloroform	ug/kg	ND	3.0	08/28/12 12:10	
Chloromethane	ug/kg	ND	3.0	08/28/12 12:10	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

METHOD BLANK: 128627

Matrix: Solid

Associated Lab Samples: 2513412039, 2513412040, 2513412042, 2513412043, 2513412044, 2513412045, 2513412046, 2513412047, 2513412048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	3.0	08/28/12 12:10	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/28/12 12:10	
Dibromochloromethane	ug/kg	ND	3.0	08/28/12 12:10	
Dibromomethane	ug/kg	ND	3.0	08/28/12 12:10	
Dichlorodifluoromethane	ug/kg	ND	3.0	08/28/12 12:10	
Ethylbenzene	ug/kg	ND	3.0	08/28/12 12:10	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/28/12 12:10	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/28/12 12:10	
m&p-Xylene	ug/kg	ND	6.0	08/28/12 12:10	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/28/12 12:10	
Methylene chloride	ug/kg	ND	10.0	08/28/12 12:10	
n-Butylbenzene	ug/kg	ND	3.0	08/28/12 12:10	
n-Propylbenzene	ug/kg	ND	3.0	08/28/12 12:10	
Naphthalene	ug/kg	ND	3.0	08/28/12 12:10	
o-Xylene	ug/kg	ND	3.0	08/28/12 12:10	
p-Isopropyltoluene	ug/kg	ND	3.0	08/28/12 12:10	
sec-Butylbenzene	ug/kg	ND	3.0	08/28/12 12:10	
Styrene	ug/kg	ND	3.0	08/28/12 12:10	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/28/12 12:10	
tert-Butylbenzene	ug/kg	ND	3.0	08/28/12 12:10	
Tetrachloroethene	ug/kg	ND	3.0	08/28/12 12:10	
Toluene	ug/kg	ND	3.0	08/28/12 12:10	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	08/28/12 12:10	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/28/12 12:10	
Trichloroethene	ug/kg	ND	3.0	08/28/12 12:10	
Trichlorofluoromethane	ug/kg	ND	3.0	08/28/12 12:10	
Vinyl chloride	ug/kg	ND	3.0	08/28/12 12:10	
Xylene (Total)	ug/kg	ND	9.0	08/28/12 12:10	
1,2-Dichloroethane-d4 (S)	%	95	68-141	08/28/12 12:10	
4-Bromofluorobenzene (S)	%	101	68-141	08/28/12 12:10	
Dibromofluoromethane (S)	%	100	74-126	08/28/12 12:10	
Toluene-d8 (S)	%	98	71-130	08/28/12 12:10	

LABORATORY CONTROL SAMPLE: 128628

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	20	19.6	98	75-126	
1,1,1-Trichloroethane	ug/kg	20	20.5	103	65-147	
1,1,2,2-Tetrachloroethane	ug/kg	20	17.3	87	65-129	
1,1,2-Trichloroethane	ug/kg	20	18.0	90	71-125	
1,1,2-Trichlorotrifluoroethane	ug/kg	20	20.9	104	53-160	
1,1-Dichloroethane	ug/kg	20	18.9	95	71-136	
1,1-Dichloroethene	ug/kg	20	18.3	92	56-160	CH
1,1-Dichloropropene	ug/kg	20	17.7	88	60-145	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

LABORATORY CONTROL SAMPLE: 128628

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/kg	20	19.5	98	69-124	
1,2,3-Trichloropropane	ug/kg	20	17.3	86	71-119	
1,2,4-Trichlorobenzene	ug/kg	20	19.7	99	69-127	
1,2,4-Trimethylbenzene	ug/kg	20	19.0	95	69-127	
1,2-Dibromo-3-chloropropane	ug/kg	20	18.6	93	55-132	
1,2-Dibromoethane (EDB)	ug/kg	20	18.9	94	73-125	
1,2-Dichlorobenzene	ug/kg	20	19.0	95	77-118	
1,2-Dichloroethane	ug/kg	20	19.9	100	67-137	
1,2-Dichloroethene (Total)	ug/kg	40	37.9	95	71-141	
1,2-Dichloropropane	ug/kg	20	18.8	94	72-133	
1,3,5-Trimethylbenzene	ug/kg	20	18.2	91	70-129	
1,3-Dichlorobenzene	ug/kg	20	18.9	95	76-122	
1,3-Dichloropropane	ug/kg	20	18.3	92	72-125	
1,4-Dichlorobenzene	ug/kg	20	18.7	93	76-119	
2,2-Dichloropropane	ug/kg	20	21.3	106	57-156	
2-Butanone (MEK)	ug/kg	40	34.9	87	40-160	
2-Chlorotoluene	ug/kg	20	18.6	93	70-123	
2-Hexanone	ug/kg	40	36.3	91	40-160	
4-Chlorotoluene	ug/kg	20	18.7	94	74-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	40	38.0	95	58-143	
Acetone	ug/kg	40	32.4	81	40-160	
Benzene	ug/kg	20	18.2	91	67-133	
Bromobenzene	ug/kg	20	18.4	92	77-121	
Bromochloromethane	ug/kg	20	19.3	97	73-132	
Bromodichloromethane	ug/kg	20	19.9	99	71-130	
Bromoform	ug/kg	20	18.7	94	65-127	
Bromomethane	ug/kg	20	22.9	114	41-160	
Carbon disulfide	ug/kg	20	18.3	91	40-160	
Carbon tetrachloride	ug/kg	20	20.2	101	59-157	
Chlorobenzene	ug/kg	20	19.0	95	78-123	
Chloroethane	ug/kg	20	21.1	105	54-153	
Chloroform	ug/kg	20	18.3	91	74-132	
Chloromethane	ug/kg	20	21.4	107	40-149	
cis-1,2-Dichloroethene	ug/kg	20	19.5	98	73-137	
cis-1,3-Dichloropropene	ug/kg	20	20.4	102	63-140	
Dibromochloromethane	ug/kg	20	17.5	87	71-122	
Dibromomethane	ug/kg	20	19.4	97	73-131	
Dichlorodifluoromethane	ug/kg	20	20.2	101	40-160	
Ethylbenzene	ug/kg	20	18.7	94	70-124	
Hexachloro-1,3-butadiene	ug/kg	20	19.4	97	59-141	
Isopropylbenzene (Cumene)	ug/kg	20	19.4	97	72-131	
m&p-Xylene	ug/kg	40	37.9	95	66-129	
Methyl-tert-butyl ether	ug/kg	20	21.1	106	69-136	
Methylene chloride	ug/kg	20	17.8	89	53-160	
n-Butylbenzene	ug/kg	20	18.0	90	65-134	
n-Propylbenzene	ug/kg	20	18.2	91	62-135	
Naphthalene	ug/kg	20	18.4	92	63-129	
o-Xylene	ug/kg	20	18.3	91	70-125	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

LABORATORY CONTROL SAMPLE: 128628

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	20	18.7	93	68-130	
sec-Butylbenzene	ug/kg	20	18.0	90	61-137	
Styrene	ug/kg	20	19.0	95	77-124	
tert-Amylmethyl ether	ug/kg	20	28.9	144	55-150	CH
tert-Butylbenzene	ug/kg	20	17.9	89	69-132	
Tetrachloroethene	ug/kg	20	18.6	93	52-148	CH
Toluene	ug/kg	20	17.7	88	67-129	
trans-1,2-Dichloroethene	ug/kg	20	18.4	92	69-146	
trans-1,3-Dichloropropene	ug/kg	20	16.9	84	63-133	
Trichloroethene	ug/kg	20	18.8	94	69-137	
Trichlorofluoromethane	ug/kg	20	23.3	116	50-156	
Vinyl chloride	ug/kg	20	21.0	105	41-156	
Xylene (Total)	ug/kg	60	56.2	94	68-127	
1,2-Dichloroethane-d4 (S)	%			99	68-141	
4-Bromofluorobenzene (S)	%			96	68-141	
Dibromofluoromethane (S)	%			106	74-126	
Toluene-d8 (S)	%			98	71-130	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: MSV/7686

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 2513412041

METHOD BLANK: 128906

Matrix: Solid

Associated Lab Samples: 2513412041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	08/30/12 14:39	
1,1,1-Trichloroethane	ug/kg	ND	3.0	08/30/12 14:39	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	08/30/12 14:39	
1,1,2-Trichloroethane	ug/kg	ND	3.0	08/30/12 14:39	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	08/30/12 14:39	
1,1-Dichloroethane	ug/kg	ND	3.0	08/30/12 14:39	
1,1-Dichloroethene	ug/kg	ND	3.0	08/30/12 14:39	
1,1-Dichloropropene	ug/kg	ND	3.0	08/30/12 14:39	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	08/30/12 14:39	
1,2,3-Trichloropropane	ug/kg	ND	3.0	08/30/12 14:39	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	08/30/12 14:39	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	08/30/12 14:39	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/30/12 14:39	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	08/30/12 14:39	
1,2-Dichlorobenzene	ug/kg	ND	3.0	08/30/12 14:39	
1,2-Dichloroethane	ug/kg	ND	3.0	08/30/12 14:39	
1,2-Dichloropropane	ug/kg	ND	3.0	08/30/12 14:39	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	08/30/12 14:39	
1,3-Dichlorobenzene	ug/kg	ND	3.0	08/30/12 14:39	
1,3-Dichloropropane	ug/kg	ND	3.0	08/30/12 14:39	
1,4-Dichlorobenzene	ug/kg	ND	3.0	08/30/12 14:39	
2,2-Dichloropropane	ug/kg	ND	3.0	08/30/12 14:39	
2-Butanone (MEK)	ug/kg	ND	10.0	08/30/12 14:39	
2-Chlorotoluene	ug/kg	ND	3.0	08/30/12 14:39	
2-Hexanone	ug/kg	ND	10.0	08/30/12 14:39	
4-Chlorotoluene	ug/kg	ND	3.0	08/30/12 14:39	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/30/12 14:39	
Acetone	ug/kg	ND	10.0	08/30/12 14:39	
Benzene	ug/kg	ND	3.0	08/30/12 14:39	
Bromobenzene	ug/kg	ND	3.0	08/30/12 14:39	
Bromochloromethane	ug/kg	ND	3.0	08/30/12 14:39	
Bromodichloromethane	ug/kg	ND	3.0	08/30/12 14:39	
Bromoform	ug/kg	ND	3.0	08/30/12 14:39	
Bromomethane	ug/kg	ND	3.0	08/30/12 14:39	
Carbon disulfide	ug/kg	ND	3.0	08/30/12 14:39	
Carbon tetrachloride	ug/kg	ND	3.0	08/30/12 14:39	
Chlorobenzene	ug/kg	ND	3.0	08/30/12 14:39	
Chloroethane	ug/kg	ND	3.0	08/30/12 14:39	
Chloroform	ug/kg	ND	3.0	08/30/12 14:39	
Chloromethane	ug/kg	ND	3.0	08/30/12 14:39	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	08/30/12 14:39	
Dibromochloromethane	ug/kg	ND	3.0	08/30/12 14:39	
Dibromomethane	ug/kg	ND	3.0	08/30/12 14:39	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

METHOD BLANK: 128906

Matrix: Solid

Associated Lab Samples: 2513412041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/kg	ND	3.0	08/30/12 14:39	
Ethylbenzene	ug/kg	ND	3.0	08/30/12 14:39	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	08/30/12 14:39	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	08/30/12 14:39	
m&p-Xylene	ug/kg	ND	6.0	08/30/12 14:39	
Methyl-tert-butyl ether	ug/kg	ND	3.0	08/30/12 14:39	
Methylene chloride	ug/kg	ND	10.0	08/30/12 14:39	
n-Butylbenzene	ug/kg	ND	3.0	08/30/12 14:39	
n-Propylbenzene	ug/kg	ND	3.0	08/30/12 14:39	
Naphthalene	ug/kg	ND	3.0	08/30/12 14:39	
o-Xylene	ug/kg	ND	3.0	08/30/12 14:39	
sec-Butylbenzene	ug/kg	ND	3.0	08/30/12 14:39	
Styrene	ug/kg	ND	3.0	08/30/12 14:39	
tert-Amylmethyl ether	ug/kg	ND	3.0	08/30/12 14:39	
tert-Butylbenzene	ug/kg	ND	3.0	08/30/12 14:39	
Tetrachloroethene	ug/kg	ND	3.0	08/30/12 14:39	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	08/30/12 14:39	
Trichloroethene	ug/kg	ND	3.0	08/30/12 14:39	
Trichlorofluoromethane	ug/kg	ND	3.0	08/30/12 14:39	
Vinyl chloride	ug/kg	ND	3.0	08/30/12 14:39	
Xylene (Total)	ug/kg	ND	9.0	08/30/12 14:39	
1,2-Dichloroethane-d4 (S)	%	106	68-141	08/30/12 14:39	
4-Bromofluorobenzene (S)	%	99	68-141	08/30/12 14:39	
Dibromofluoromethane (S)	%	102	74-126	08/30/12 14:39	
Toluene-d8 (S)	%	98	71-130	08/30/12 14:39	

LABORATORY CONTROL SAMPLE: 128907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	20	15.6	78	75-126	
1,1,1-Trichloroethane	ug/kg	20	16.3	82	65-147	
1,1,2,2-Tetrachloroethane	ug/kg	20	15.4	77	65-129	
1,1,2-Trichloroethane	ug/kg	20	16.0	80	71-125	
1,1,2-Trichlorotrifluoroethane	ug/kg	20	17.2	86	53-160	
1,1-Dichloroethane	ug/kg	20	15.7	79	71-136	
1,1-Dichloroethene	ug/kg	20	16.6	83	56-160	
1,1-Dichloropropene	ug/kg	20	15.7	79	60-145	
1,2,3-Trichlorobenzene	ug/kg	20	17.3	87	69-124	
1,2,3-Trichloropropane	ug/kg	20	15.0	75	71-119	
1,2,4-Trichlorobenzene	ug/kg	20	17.5	88	69-127	
1,2,4-Trimethylbenzene	ug/kg	20	17.4	87	69-127	
1,2-Dibromo-3-chloropropane	ug/kg	20	15.0	75	55-132	
1,2-Dibromoethane (EDB)	ug/kg	20	16.9	84	73-125	
1,2-Dichlorobenzene	ug/kg	20	17.1	86	77-118	
1,2-Dichloroethane	ug/kg	20	17.2	86	67-137	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

LABORATORY CONTROL SAMPLE: 128907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/kg	20	15.7	78	72-133	
1,3,5-Trimethylbenzene	ug/kg	20	16.3	81	70-129	
1,3-Dichlorobenzene	ug/kg	20	16.7	83	76-122	
1,3-Dichloropropane	ug/kg	20	16.3	81	72-125	
1,4-Dichlorobenzene	ug/kg	20	16.6	83	76-119	
2,2-Dichloropropane	ug/kg	20	15.8	79	57-156	
2-Butanone (MEK)	ug/kg	40	34.7	87	40-160	
2-Chlorotoluene	ug/kg	20	15.6	78	70-123	
2-Hexanone	ug/kg	40	29.5	74	40-160	
4-Chlorotoluene	ug/kg	20	16.6	83	74-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	40	32.2	81	58-143	
Acetone	ug/kg	40	51.4	129	40-160	
Benzene	ug/kg	20	15.8	79	67-133	
Bromobenzene	ug/kg	20	17.0	85	77-121	
Bromochloromethane	ug/kg	20	17.0	85	73-132	
Bromodichloromethane	ug/kg	20	15.7	79	71-130	
Bromoform	ug/kg	20	16.8	84	65-127	
Bromomethane	ug/kg	20	21.1	106	41-160	
Carbon disulfide	ug/kg	20	15.4	77	40-160	
Carbon tetrachloride	ug/kg	20	16.3	82	59-157	
Chlorobenzene	ug/kg	20	16.8	84	78-123	
Chloroethane	ug/kg	20	18.7	94	54-153	
Chloroform	ug/kg	20	16.0	80	74-132	
Chloromethane	ug/kg	20	18.9	95	40-149	
cis-1,3-Dichloropropene	ug/kg	20	16.2	81	63-140	
Dibromochloromethane	ug/kg	20	15.1	75	71-122	
Dibromomethane	ug/kg	20	15.9	80	73-131	
Dichlorodifluoromethane	ug/kg	20	18.5	92	40-160	
Ethylbenzene	ug/kg	20	16.1	81	70-124	
Hexachloro-1,3-butadiene	ug/kg	20	18.5	93	59-141	
Isopropylbenzene (Cumene)	ug/kg	20	16.1	81	72-131	
m&p-Xylene	ug/kg	40	33.7	84	66-129	
Methyl-tert-butyl ether	ug/kg	20	15.8	79	69-136	
Methylene chloride	ug/kg	20	16.8	84	53-160	
n-Butylbenzene	ug/kg	20	15.7	79	65-134	
n-Propylbenzene	ug/kg	20	15.7	78	62-135	
Naphthalene	ug/kg	20	17.2	86	63-129	
o-Xylene	ug/kg	20	16.3	82	70-125	
sec-Butylbenzene	ug/kg	20	15.8	79	61-137	
Styrene	ug/kg	20	16.5	83	77-124	
tert-Amylmethyl ether	ug/kg	20	16.4	82	55-150	
tert-Butylbenzene	ug/kg	20	16.5	82	69-132	
Tetrachloroethene	ug/kg	20	17.0	85	52-148	
trans-1,3-Dichloropropene	ug/kg	20	13.6	68	63-133	
Trichloroethene	ug/kg	20	16.6	83	69-137	
Trichlorofluoromethane	ug/kg	20	22.2	111	50-156	
Vinyl chloride	ug/kg	20	19.9	100	41-156	CH
Xylene (Total)	ug/kg	60	50.1	83	68-127	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

LABORATORY CONTROL SAMPLE: 128907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			98	68-141	
4-Bromofluorobenzene (S)	%			94	68-141	
Dibromofluoromethane (S)	%			98	74-126	
Toluene-d8 (S)	%			98	71-130	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III
Pace Project No.: 2513412

QC Batch: MSV/7694 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 2513412038

METHOD BLANK: 129142 Matrix: Solid
Associated Lab Samples: 2513412038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	3.0	09/04/12 12:44	
1,1,1-Trichloroethane	ug/kg	ND	3.0	09/04/12 12:44	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3.0	09/04/12 12:44	
1,1,2-Trichloroethane	ug/kg	ND	3.0	09/04/12 12:44	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	3.0	09/04/12 12:44	
1,1-Dichloroethane	ug/kg	ND	3.0	09/04/12 12:44	
1,1-Dichloroethene	ug/kg	ND	3.0	09/04/12 12:44	
1,1-Dichloropropene	ug/kg	ND	3.0	09/04/12 12:44	
1,2,3-Trichlorobenzene	ug/kg	ND	3.0	09/04/12 12:44	
1,2,3-Trichloropropane	ug/kg	ND	3.0	09/04/12 12:44	
1,2,4-Trichlorobenzene	ug/kg	ND	3.0	09/04/12 12:44	
1,2,4-Trimethylbenzene	ug/kg	ND	3.0	09/04/12 12:44	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	09/04/12 12:44	
1,2-Dibromoethane (EDB)	ug/kg	ND	3.0	09/04/12 12:44	
1,2-Dichlorobenzene	ug/kg	ND	3.0	09/04/12 12:44	
1,2-Dichloroethane	ug/kg	ND	3.0	09/04/12 12:44	
1,2-Dichloroethene (Total)	ug/kg	ND	6.0	09/04/12 12:44	
1,2-Dichloropropane	ug/kg	ND	3.0	09/04/12 12:44	
1,3,5-Trimethylbenzene	ug/kg	ND	3.0	09/04/12 12:44	
1,3-Dichlorobenzene	ug/kg	ND	3.0	09/04/12 12:44	
1,3-Dichloropropane	ug/kg	ND	3.0	09/04/12 12:44	
1,4-Dichlorobenzene	ug/kg	ND	3.0	09/04/12 12:44	
2,2-Dichloropropane	ug/kg	ND	3.0	09/04/12 12:44	
2-Butanone (MEK)	ug/kg	ND	10.0	09/04/12 12:44	
2-Chlorotoluene	ug/kg	ND	3.0	09/04/12 12:44	
2-Hexanone	ug/kg	ND	10.0	09/04/12 12:44	
4-Chlorotoluene	ug/kg	ND	3.0	09/04/12 12:44	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	09/04/12 12:44	
Acetone	ug/kg	ND	10.0	09/04/12 12:44	
Benzene	ug/kg	ND	3.0	09/04/12 12:44	
Bromobenzene	ug/kg	ND	3.0	09/04/12 12:44	
Bromochloromethane	ug/kg	ND	3.0	09/04/12 12:44	
Bromodichloromethane	ug/kg	ND	3.0	09/04/12 12:44	
Bromoform	ug/kg	ND	3.0	09/04/12 12:44	
Bromomethane	ug/kg	ND	3.0	09/04/12 12:44	
Carbon disulfide	ug/kg	ND	3.0	09/04/12 12:44	
Carbon tetrachloride	ug/kg	ND	3.0	09/04/12 12:44	
Chlorobenzene	ug/kg	ND	3.0	09/04/12 12:44	
Chloroethane	ug/kg	ND	3.0	09/04/12 12:44	
Chloroform	ug/kg	ND	3.0	09/04/12 12:44	
Chloromethane	ug/kg	ND	3.0	09/04/12 12:44	
cis-1,2-Dichloroethene	ug/kg	ND	3.0	09/04/12 12:44	
cis-1,3-Dichloropropene	ug/kg	ND	3.0	09/04/12 12:44	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

METHOD BLANK: 129142

Matrix: Solid

Associated Lab Samples: 2513412038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	3.0	09/04/12 12:44	
Dibromomethane	ug/kg	ND	3.0	09/04/12 12:44	
Dichlorodifluoromethane	ug/kg	ND	3.0	09/04/12 12:44	
Ethylbenzene	ug/kg	ND	3.0	09/04/12 12:44	
Hexachloro-1,3-butadiene	ug/kg	ND	3.0	09/04/12 12:44	
Isopropylbenzene (Cumene)	ug/kg	ND	3.0	09/04/12 12:44	
m&p-Xylene	ug/kg	ND	6.0	09/04/12 12:44	
Methyl-tert-butyl ether	ug/kg	ND	3.0	09/04/12 12:44	
Methylene chloride	ug/kg	ND	10.0	09/04/12 12:44	
n-Butylbenzene	ug/kg	ND	3.0	09/04/12 12:44	
n-Propylbenzene	ug/kg	ND	3.0	09/04/12 12:44	
Naphthalene	ug/kg	ND	3.0	09/04/12 12:44	
o-Xylene	ug/kg	ND	3.0	09/04/12 12:44	
p-Isopropyltoluene	ug/kg	ND	3.0	09/04/12 12:44	
sec-Butylbenzene	ug/kg	ND	3.0	09/04/12 12:44	
Styrene	ug/kg	ND	3.0	09/04/12 12:44	
tert-Amylmethyl ether	ug/kg	ND	3.0	09/04/12 12:44	
tert-Butylbenzene	ug/kg	ND	3.0	09/04/12 12:44	
Tetrachloroethene	ug/kg	ND	3.0	09/04/12 12:44	
Toluene	ug/kg	ND	3.0	09/04/12 12:44	
trans-1,2-Dichloroethene	ug/kg	ND	3.0	09/04/12 12:44	
trans-1,3-Dichloropropene	ug/kg	ND	3.0	09/04/12 12:44	
Trichloroethene	ug/kg	ND	3.0	09/04/12 12:44	
Trichlorofluoromethane	ug/kg	ND	3.0	09/04/12 12:44	
Vinyl chloride	ug/kg	ND	3.0	09/04/12 12:44	
Xylene (Total)	ug/kg	ND	9.0	09/04/12 12:44	
1,2-Dichloroethane-d4 (S)	%	102	68-141	09/04/12 12:44	
4-Bromofluorobenzene (S)	%	99	68-141	09/04/12 12:44	
Dibromofluoromethane (S)	%	100	74-126	09/04/12 12:44	
Toluene-d8 (S)	%	99	71-130	09/04/12 12:44	

LABORATORY CONTROL SAMPLE: 129143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	20	17.8	89	75-126	
1,1,1-Trichloroethane	ug/kg	20	18.5	92	65-147	
1,1,2,2-Tetrachloroethane	ug/kg	20	16.6	83	65-129	
1,1,2-Trichloroethane	ug/kg	20	16.6	83	71-125	
1,1,2-Trichlorotrifluoroethane	ug/kg	20	18.5	92	53-160	
1,1-Dichloroethane	ug/kg	20	16.7	83	71-136	
1,1-Dichloroethene	ug/kg	20	18.3	91	56-160	
1,1-Dichloropropene	ug/kg	20	18.0	90	60-145	
1,2,3-Trichlorobenzene	ug/kg	20	18.4	92	69-124	
1,2,3-Trichloropropane	ug/kg	20	16.0	80	71-119	
1,2,4-Trichlorobenzene	ug/kg	20	18.7	93	69-127	

Date: 09/11/2012 03:07 PM

REPORT OF LABORATORY ANALYSIS

Page 84 of 97

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

LABORATORY CONTROL SAMPLE: 129143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	20.4	102	69-127	
1,2-Dibromo-3-chloropropane	ug/kg	20	16.5	83	55-132	
1,2-Dibromoethane (EDB)	ug/kg	20	18.2	91	73-125	
1,2-Dichlorobenzene	ug/kg	20	17.6	88	77-118	
1,2-Dichloroethane	ug/kg	20	18.0	90	67-137	
1,2-Dichloroethene (Total)	ug/kg	40	34.9	87	71-141	
1,2-Dichloropropane	ug/kg	20	16.7	83	72-133	
1,3,5-Trimethylbenzene	ug/kg	20	18.6	93	70-129	
1,3-Dichlorobenzene	ug/kg	20	18.3	91	76-122	
1,3-Dichloropropane	ug/kg	20	17.3	87	72-125	
1,4-Dichlorobenzene	ug/kg	20	18.0	90	76-119	
2,2-Dichloropropane	ug/kg	20	19.7	98	57-156	
2-Butanone (MEK)	ug/kg	40	40.2	100	40-160	
2-Chlorotoluene	ug/kg	20	17.3	87	70-123	
2-Hexanone	ug/kg	40	34.0	85	40-160	
4-Chlorotoluene	ug/kg	20	17.8	89	74-127	
4-Methyl-2-pentanone (MIBK)	ug/kg	40	32.9	82	58-143	
Acetone	ug/kg	40	49.6	124	40-160	CH
Benzene	ug/kg	20	17.2	86	67-133	
Bromobenzene	ug/kg	20	17.9	89	77-121	
Bromochloromethane	ug/kg	20	17.9	89	73-132	
Bromodichloromethane	ug/kg	20	16.8	84	71-130	
Bromoform	ug/kg	20	16.5	83	65-127	
Bromomethane	ug/kg	20	21.6	108	41-160	
Carbon disulfide	ug/kg	20	16.2	81	40-160	
Carbon tetrachloride	ug/kg	20	18.5	92	59-157	
Chlorobenzene	ug/kg	20	17.9	90	78-123	
Chloroethane	ug/kg	20	21.6	108	54-153	
Chloroform	ug/kg	20	17.3	86	74-132	
Chloromethane	ug/kg	20	20.6	103	40-149	
cis-1,2-Dichloroethene	ug/kg	20	17.4	87	73-137	
cis-1,3-Dichloropropene	ug/kg	20	18.7	94	63-140	
Dibromochloromethane	ug/kg	20	15.9	80	71-122	
Dibromomethane	ug/kg	20	16.8	84	73-131	
Dichlorodifluoromethane	ug/kg	20	25.3	126	40-160	
Ethylbenzene	ug/kg	20	17.9	90	70-124	
Hexachloro-1,3-butadiene	ug/kg	20	19.7	98	59-141	
Isopropylbenzene (Cumene)	ug/kg	20	17.4	87	72-131	
m&p-Xylene	ug/kg	40	39.0	97	66-129	
Methyl-tert-butyl ether	ug/kg	20	17.9	89	69-136	
Methylene chloride	ug/kg	20	16.8	84	53-160	
n-Butylbenzene	ug/kg	20	17.3	87	65-134	
n-Propylbenzene	ug/kg	20	17.7	88	62-135	
Naphthalene	ug/kg	20	19.2	96	63-129	
o-Xylene	ug/kg	20	18.3	92	70-125	
p-Isopropyltoluene	ug/kg	20	18.7	93	68-130	
sec-Butylbenzene	ug/kg	20	17.6	88	61-137	
Styrene	ug/kg	20	17.5	88	77-124	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

LABORATORY CONTROL SAMPLE: 129143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amylmethyl ether	ug/kg	20	19.5	98	55-150	
tert-Butylbenzene	ug/kg	20	18.4	92	69-132	
Tetrachloroethene	ug/kg	20	19.0	95	52-148	
Toluene	ug/kg	20	17.8	89	67-129	
trans-1,2-Dichloroethene	ug/kg	20	17.6	88	69-146	
trans-1,3-Dichloropropene	ug/kg	20	15.6	78	63-133	
Trichloroethene	ug/kg	20	18.2	91	69-137	
Trichlorofluoromethane	ug/kg	20	23.7	118	50-156	
Vinyl chloride	ug/kg	20	23.4	117	41-156	
Xylene (Total)	ug/kg	60	57.3	96	68-127	
1,2-Dichloroethane-d4 (S)	%			100	68-141	
4-Bromofluorobenzene (S)	%			99	68-141	
Dibromofluoromethane (S)	%			102	74-126	
Toluene-d8 (S)	%			98	71-130	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: MSV/7671

Analysis Method: NWTPH-Gx

QC Batch Method: NWTPH-Gx

Analysis Description: NWTPH-Gx MSV Water

Associated Lab Samples: 2513412017, 2513412049

METHOD BLANK: 128696

Matrix: Water

Associated Lab Samples: 2513412017, 2513412049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	ND	50.0	08/29/12 03:12	
4-Bromofluorobenzene (S)	%	98	50-150	08/29/12 03:12	

LABORATORY CONTROL SAMPLE: 128697

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	459	92	65-139	
4-Bromofluorobenzene (S)	%			95	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 128698

128699

Parameter	Units	2513395001		MS		MSD		% Rec		Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Gasoline Range Organics	ug/L	ND	500	500	449	445	89	89	48-147	.8	30		
4-Bromofluorobenzene (S)	%						95	94	50-150				

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: OEXT/6018

Analysis Method: NWTPH-Dx

QC Batch Method: EPA 3510

Analysis Description: NWTPH-Dx GCS SG

Associated Lab Samples: 2513412017

METHOD BLANK: 128706

Matrix: Water

Associated Lab Samples: 2513412017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	ND	0.080	08/30/12 02:45	
Motor Oil Range SG	mg/L	ND	0.40	08/30/12 02:45	
n-Octacosane (S) SG	%	103	50-150	08/30/12 02:45	
o-Terphenyl (S) SG	%	93	50-150	08/30/12 02:45	

LABORATORY CONTROL SAMPLE: 128707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/L	4	4.1	103	59-114	
Motor Oil Range SG	mg/L	4	4.1	102	69-124	
n-Octacosane (S) SG	%			102	50-150	
o-Terphenyl (S) SG	%			91	50-150	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: PMST/2162 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 2513412001, 2513412002, 2513412003, 2513412004, 2513412005, 2513412006, 2513412007, 2513412008,
 2513412009, 2513412010, 2513412011, 2513412012, 2513412013, 2513412014, 2513412015, 2513412016,
 2513412018, 2513412019, 2513412020, 2513412021

SAMPLE DUPLICATE: 129326

Parameter	Units	2513412001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.8	9.4	6	30	

SAMPLE DUPLICATE: 129327

Parameter	Units	2513412002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.3	4.8	9	30	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: PMST/2164 Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 2513412022, 2513412023, 2513412024, 2513412025, 2513412026, 2513412027, 2513412028, 2513412029, 2513412030, 2513412031, 2513412032, 2513412033, 2513412034, 2513412035, 2513412036, 2513412037, 2513412038, 2513412039, 2513412040, 2513412041

SAMPLE DUPLICATE: 129463

Parameter	Units	2513412022 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.2	11.7	5	30	

SAMPLE DUPLICATE: 129464

Parameter	Units	2513412023 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	28.2	25.4	11	30	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch: PMST/2165

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 2513412042, 2513412043, 2513412044, 2513412045, 2513412046

SAMPLE DUPLICATE: 129465

Parameter	Units	2513412042 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	28.1	32.5	14	30	

SAMPLE DUPLICATE: 129466

Parameter	Units	2513412043 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	49.9	51.0	2	30	

QUALITY CONTROL DATA

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

QC Batch:	WETA/14005	Analysis Method:	EPA 9060
QC Batch Method:	EPA 9060	Analysis Description:	9060 TOC Average
Associated Lab Samples:	2513412050, 2513412051		

METHOD BLANK: 669722 Matrix: Solid

Associated Lab Samples: 2513412050, 2513412051

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/kg	ND	250	09/10/12 13:11	

LABORATORY CONTROL SAMPLE: 669723

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/kg	1000	977	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 669724 669725

Parameter	Units	669724		669725		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		2513412050 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mean Total Organic Carbon	mg/kg	17400	27000	26100	40600	43700	86	101	50-150	7	30

QUALIFIERS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/7663

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/7664

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/7686

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/7694

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: WETA/14005

[WB] Results reported on dry weight basis per cited method.

Batch: WETA/14006

[WB] Results reported on dry weight basis per cited method.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

CH The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

QUALIFIERS

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

ANALYTE QUALIFIERS

- D4 Sample was diluted due to the presence of high levels of target analytes.
- G2 The sample weight in the container did not meet method specifications.
- L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- M2 Matrix spike recovery was below QC limits due to sample dilution. Data acceptance based on laboratory control sample (LCS) recovery.
- R1 RPD value was outside control limits.
- S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2513412017	SUP_GW_20_082412	EPA 3510	OEXT/6018	NWTPH-Dx	GCSV/3807
2513412001	SUP_SL_69_2-4_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412002	SUP_SL_69_4-6_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412003	SUP_SL_69_6-8_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412004	SUP_SL_69_8-10_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412005	SUP_SL_69_10-12_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412006	SUP_SL_69_12-14_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412007	SUP_SL_69_14-16_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412008	SUP_SL_69_8-10_082412_9	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412009	SUP_SL_70_1-2_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412010	SUP_SL_70_2-4_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412011	SUP_SL_70_4-6_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412012	SUP_SL_70_6-8_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412013	SUP_SL_70_8-10_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412014	SUP_SL_70_10-12_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412015	SUP_SL_70_12-14_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412016	SUP_SL_70_14-16_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412018	SUP_SL_71_1-2_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412019	SUP_SL_71_2-4_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412020	SUP_SL_71_4-6_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412021	SUP_SL_71_6-8_082412	EPA 3050	MPRP/3295	EPA 6010	ICP/3049
2513412022	SUP_SL_71_6-8_082412_9	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412023	SUP_SL_71_8-10_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412024	SUP_SL_71_10-12_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412025	SUP_SL_71_12-14_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412026	SUP_SL_71_14-16_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412027	SUP_SL_72_4-6_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412028	SUP_SL_72_6-8_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412029	SUP_SL_72_8-10_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412030	SUP_SL_72_10-12_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412031	SUP_SL_72_12-14_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412032	SUP_SL_72_14-16_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412033	SUP_SL_73_2-4_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412034	SUP_SL_73_6-8_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412035	SUP_SL_73_8-10_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412036	SUP_SL_73_10-12_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412037	SUP_SL_73_12-14_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412038	SUP_SL_73_14-16_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412039	SUP_SL_73_14-16_082412_9	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412040	SUP_SL_74_2-4_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412041	SUP_SL_74_4-6_082412	EPA 3050	MPRP/3296	EPA 6010	ICP/3050
2513412042	SUP_SL_74_6-8_082412	EPA 3050	MPRP/3297	EPA 6010	ICP/3051
2513412043	SUP_SL_74_8-10_082412	EPA 3050	MPRP/3297	EPA 6010	ICP/3051
2513412044	SUP_SL_74_10-12_082412	EPA 3050	MPRP/3297	EPA 6010	ICP/3051
2513412045	SUP_SL_74_12-14_082412	EPA 3050	MPRP/3297	EPA 6010	ICP/3051
2513412046	SUP_SL_74_14-16_082412	EPA 3050	MPRP/3297	EPA 6010	ICP/3051
2513412017	SUP_GW_20_082412	EPA 3010	MPRP/3312	EPA 6010	ICP/3065

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2513412017	SUP_GW_20_082412	EPA 3010	MPRP/3314	EPA 6010	ICP/3067
2513412017	SUP_GW_20_082412	EPA 7470	MERP/1762	EPA 7470	MERC/1774
2513412017	SUP_GW_20_082412	EPA 7470	MERP/1765	EPA 7470	MERC/1777
2513412034	SUP_SL_73_6-8_082412	EPA 5035A	MSV/7702	EPA 8260	MSV/7711
2513412035	SUP_SL_73_8-10_082412	EPA 5035A	MSV/7702	EPA 8260	MSV/7711
2513412036	SUP_SL_73_10-12_082412	EPA 5035A	MSV/7702	EPA 8260	MSV/7711
2513412037	SUP_SL_73_12-14_082412	EPA 5035A	MSV/7702	EPA 8260	MSV/7711
2513412041	SUP_SL_74_4-6_082412	EPA 5035A	MSV/7702	EPA 8260	MSV/7711
2513412042	SUP_SL_74_6-8_082412	EPA 5035A	MSV/7702	EPA 8260	MSV/7711
2513412043	SUP_SL_74_8-10_082412	EPA 5035A	MSV/7702	EPA 8260	MSV/7711
2513412027	SUP_SL_72_4-6_082412	EPA 8260	MSV/7663		
2513412028	SUP_SL_72_6-8_082412	EPA 8260	MSV/7663		
2513412029	SUP_SL_72_8-10_082412	EPA 8260	MSV/7663		
2513412030	SUP_SL_72_10-12_082412	EPA 8260	MSV/7663		
2513412031	SUP_SL_72_12-14_082412	EPA 8260	MSV/7663		
2513412032	SUP_SL_72_14-16_082412	EPA 8260	MSV/7663		
2513412033	SUP_SL_73_2-4_082412	EPA 8260	MSV/7663		
2513412034	SUP_SL_73_6-8_082412	EPA 8260	MSV/7663		
2513412035	SUP_SL_73_8-10_082412	EPA 8260	MSV/7663		
2513412036	SUP_SL_73_10-12_082412	EPA 8260	MSV/7663		
2513412037	SUP_SL_73_12-14_082412	EPA 8260	MSV/7663		
2513412038	SUP_SL_73_14-16_082412	EPA 8260	MSV/7694		
2513412039	SUP_SL_73_14-16_082412_9	EPA 8260	MSV/7664		
2513412040	SUP_SL_74_2-4_082412	EPA 8260	MSV/7664		
2513412041	SUP_SL_74_4-6_082412	EPA 8260	MSV/7686		
2513412042	SUP_SL_74_6-8_082412	EPA 8260	MSV/7664		
2513412043	SUP_SL_74_8-10_082412	EPA 8260	MSV/7664		
2513412044	SUP_SL_74_10-12_082412	EPA 8260	MSV/7664		
2513412045	SUP_SL_74_12-14_082412	EPA 8260	MSV/7664		
2513412046	SUP_SL_74_14-16_082412	EPA 8260	MSV/7664		
2513412047	Trip Blank 1	EPA 8260	MSV/7664		
2513412048	Trip Blank 2	EPA 8260	MSV/7664		
2513412017	SUP_GW_20_082412	NWTPH-Gx	MSV/7671		
2513412049	Trip Blank 3	NWTPH-Gx	MSV/7671		
2513412001	SUP_SL_69_2-4_082412	ASTM D2974-87	PMST/2162		
2513412002	SUP_SL_69_4-6_082412	ASTM D2974-87	PMST/2162		
2513412003	SUP_SL_69_6-8_082412	ASTM D2974-87	PMST/2162		
2513412004	SUP_SL_69_8-10_082412	ASTM D2974-87	PMST/2162		
2513412005	SUP_SL_69_10-12_082412	ASTM D2974-87	PMST/2162		
2513412006	SUP_SL_69_12-14_082412	ASTM D2974-87	PMST/2162		
2513412007	SUP_SL_69_14-16_082412	ASTM D2974-87	PMST/2162		
2513412008	SUP_SL_69_8-10_082412_9	ASTM D2974-87	PMST/2162		
2513412009	SUP_SL_70_1-2_082412	ASTM D2974-87	PMST/2162		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon-R1 Phase III

Pace Project No.: 2513412

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2513412010	SUP_SL_70_2-4_082412	ASTM D2974-87	PMST/2162		
2513412011	SUP_SL_70_4-6_082412	ASTM D2974-87	PMST/2162		
2513412012	SUP_SL_70_6-8_082412	ASTM D2974-87	PMST/2162		
2513412013	SUP_SL_70_8-10_082412	ASTM D2974-87	PMST/2162		
2513412014	SUP_SL_70_10-12_082412	ASTM D2974-87	PMST/2162		
2513412015	SUP_SL_70_12-14_082412	ASTM D2974-87	PMST/2162		
2513412016	SUP_SL_70_14-16_082412	ASTM D2974-87	PMST/2162		
2513412018	SUP_SL_71_1-2_082412	ASTM D2974-87	PMST/2162		
2513412019	SUP_SL_71_2-4_082412	ASTM D2974-87	PMST/2162		
2513412020	SUP_SL_71_4-6_082412	ASTM D2974-87	PMST/2162		
2513412021	SUP_SL_71_6-8_082412	ASTM D2974-87	PMST/2162		
2513412022	SUP_SL_71_6-8_082412_9	ASTM D2974-87	PMST/2164		
2513412023	SUP_SL_71_8-10_082412	ASTM D2974-87	PMST/2164		
2513412024	SUP_SL_71_10-12_082412	ASTM D2974-87	PMST/2164		
2513412025	SUP_SL_71_12-14_082412	ASTM D2974-87	PMST/2164		
2513412026	SUP_SL_71_14-16_082412	ASTM D2974-87	PMST/2164		
2513412027	SUP_SL_72_4-6_082412	ASTM D2974-87	PMST/2164		
2513412028	SUP_SL_72_6-8_082412	ASTM D2974-87	PMST/2164		
2513412029	SUP_SL_72_8-10_082412	ASTM D2974-87	PMST/2164		
2513412030	SUP_SL_72_10-12_082412	ASTM D2974-87	PMST/2164		
2513412031	SUP_SL_72_12-14_082412	ASTM D2974-87	PMST/2164		
2513412032	SUP_SL_72_14-16_082412	ASTM D2974-87	PMST/2164		
2513412033	SUP_SL_73_2-4_082412	ASTM D2974-87	PMST/2164		
2513412034	SUP_SL_73_6-8_082412	ASTM D2974-87	PMST/2164		
2513412035	SUP_SL_73_8-10_082412	ASTM D2974-87	PMST/2164		
2513412036	SUP_SL_73_10-12_082412	ASTM D2974-87	PMST/2164		
2513412037	SUP_SL_73_12-14_082412	ASTM D2974-87	PMST/2164		
2513412038	SUP_SL_73_14-16_082412	ASTM D2974-87	PMST/2164		
2513412039	SUP_SL_73_14-16_082412_9	ASTM D2974-87	PMST/2164		
2513412040	SUP_SL_74_2-4_082412	ASTM D2974-87	PMST/2164		
2513412041	SUP_SL_74_4-6_082412	ASTM D2974-87	PMST/2164		
2513412042	SUP_SL_74_6-8_082412	ASTM D2974-87	PMST/2165		
2513412043	SUP_SL_74_8-10_082412	ASTM D2974-87	PMST/2165		
2513412044	SUP_SL_74_10-12_082412	ASTM D2974-87	PMST/2165		
2513412045	SUP_SL_74_12-14_082412	ASTM D2974-87	PMST/2165		
2513412046	SUP_SL_74_14-16_082412	ASTM D2974-87	PMST/2165		
2513412050	SSMW7-C	EPA 9060	WETA/14005		
2513412050	SSMW7-C	EPA 9060	WETA/14006		
2513412051	SSMW7-S	EPA 9060	WETA/14005		
2513412051	SSMW7-S	EPA 9060	WETA/14006		

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	Page: 1 of 6 1648865
Company: <u>Pioneer Technologies Corp</u>	Report To: <u>Stacy Munson</u>	Attention: <u>Jeff King</u>	REGULATORY AGENCY
Address: <u>5285 Corporate Ctr. Ct. SE Ste A. Lacey WA 98503</u>	Copy To: <u>Jeff King</u>	Company Name: <u>PERC</u>	
Email To: <u>Munson@pioneer.com</u>	Purchase Order No.:	Address:	<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER
Phone: <u>360-576-1764</u> Fax:	Project Name: <u>Super Ion - R1 Phase III</u>	Pace Quote Reference:	<input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____
Requested Due Date/TAT: <u>Std.</u>	Project Number:	Pace Project Manager: <u>Karen Jung</u>	Site Location: <u>WA</u>
		Pace Profile #:	STATE: <u>WA</u>

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	SAMPLE CODE (see valid codes to left)	SAMPLE TYPE (G-GRAB C-COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.					
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test ↓	610 Metals (As, Pb, Cd)							
					DATE	TIME	DATE	TIME																			
1			SL	G			8/24/12	8:40a	1	1																	
2			SL	G				8:45a	1	1																	
3			SL	G				8:50a	1	1																	
4			SL	G				8:55	1	1																	
5			SL	G				9:05	1	1																	
6			SL	G				9:10	1	1																	
7			SL	G				9:15	1	1																	
8			SL	G				9:20	1	1																	
9			SL	G				9:25	1	1																	
10			SL	G				9:30	1	1																	
11			SL	G				9:35	1	1																	
12			SL	G					1	1																	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
4 coolers total	<u>Stacy Munson</u>	8/24/12	2:15p	<u>Belle K Pace</u>	8/24/12	2:15	2.4			
	<u>Belle K Pace</u>	8/24/12	3:15	<u>Collette Weave / PACE</u>	082412	15:15	1.9	Y	Y	Y
							3.1			
							5.1			

ORIGINAL	SAMPLER NAME AND SIGNATURE					Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	PRINT Name of SAMPLER: <u>Stacy Munson</u>								
	SIGNATURE of SAMPLER: <u>Stacy Munson</u>				DATE Signed (MM/DD/YY): <u>8/24/12</u>				

Page: 2 of 6
1648866

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Pioneer Technologies Corp	Report To: Stacy Munson	Attention: Jeff King
Address: 5205 Corporate Ctr. Ct. Ste A Lucy WA 98503	Copy To: Jeff King	Company Name: PERC
Email To: MMunson@pioneer.com	Purchase Order No.:	Address:
Phone: 360-570-1761 Fax:	Project Name: Superion - RI Phase III	Pace Quote Reference:
Requested Due Date/TAT: Std.	Project Number:	Pace Project Manager: Karen Jang
		Pace Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

Site Location: WA
 STATE: WA

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.					
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other											
					DATE	TIME	DATE	TIME																					
1	SUP-SL-70-8-10-082412	SL	G				8/24/12	9:40	1																				
2	SUP-SL-70-10-12-082412	SL	G					9:45	1																				
3	SUP-SL-70-12-14-082412	SL	G					9:50	1																				
4	SUP-SL-70-14-16-082412	SL	G					9:55	1																				
5	SUP-GW-20-082412	WT	G					10:00	9				1	7															
6	SUP-SL-71-082411																												
7	SUP-SL-71-1-2-082412	SL	G					10:05	1																				
8	SUP-SL-71-2-4-082412	SL	C					10:10	1																				
9	SUP-SL-71-4-6-082412	SL	G					10:15	1																				
10	SUP-SL-71-6-8-082412	SL	G					10:20	1																				
11	SUP-SL-71-6-8-082412-9	SL	G					10:25	1																				
12	SUP-SL-71-8-10-082412	SL	G					10:30	1																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
4 coolers total	Stacy Munson	8/24/12	2:15p	Bill K Pace	8/24/12	2:15	
	Bill K Pace	8/24/12	3:15	Collette Weaver/PACE	082412	15:15	

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Stacy Munson				
SIGNATURE of SAMPLER:	<i>Stacy Munson</i>				
DATE Signed (MM/DD/YYYY):	8/24/12				

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 3 of 6
1648867

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Pioneer Technologies Corp		Report To: Stacy Munson		Attention: Jeff King	
Address: 5205 Corporate Ctr. Ct. SE Ste. A Lacey WA 98503		Copy To: Jeff King		Company Name: PGRCL	
Email To: MUMUNSON@uspioneer.com		Purchase Order No.:		Address:	
Phone: 360-570-1700 Fax:		Project Name: Superlon - RI Phase III		Pace Quote Reference:	
Requested Due Date/TAT: SPD		Project Number:		Pace Project Manager: Karen Jung	
				Pace Profile #:	

REGULATORY AGENCY		
<input type="checkbox"/> NPDES	<input type="checkbox"/> GROUND WATER	<input type="checkbox"/> DRINKING WATER
<input type="checkbox"/> UST	<input type="checkbox"/> RCRA	<input type="checkbox"/> OTHER _____
Site Location: WA		
STATE: WA		

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.						
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₅	Methanol	Other										
					DATE	TIME	DATE	TIME																				
1	SUP_SL_71_10-12_082412	DW	SL	G			8/24/12	10:35	1	1																		
2	SUP_SL_71_12-14_082412	WT	SL	G				10:40	1	1																		
3	SUP_SL_71_14-16_082412	WW	SL	G				10:45	1	1																		
4	SUP_SL_72_4-6_082412	P	SL	G				10:50	6	2																		
5	SUP_SL_72_6-8_082412	SL/Soild	SL	G				10:55	6	2																		
6	SUP_SL_72_8-10_082412	Oil	SL	G				11:00	6	2																		
7	SUP_SL_72_10-12_082412	Wipe	SL	G				11:05	6	2																		
8	SUP_SL_72_12-14_082412	Air	SL	G				11:10	6	2																		
9	SUP_SL_72_14-16_082412	Tissue	SL	G				11:15	6	2																		
10	SUP_SL_73_2-4_082412	Other	SL	G				11:30	6	2																		
11	SUP_SL_73_6-8_082412		SL	G				11:35	6	2																		
12	SUP_SL_73_8-10_082412		SL	G				11:40	6	2																		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS								
4 cooler total	Stacy Munson	8/24/12	2:15p	Bree K Pace	8/24/12	2:15									
	Bree K Pace	8/24/12	3:15	Collette Weaver/PACE	082412	1515									

ORIGINAL	SAMPLER NAME AND SIGNATURE				Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	PRINT Name of SAMPLER: Stacy Munson							
	SIGNATURE of SAMPLER: <i>Stacy Munson</i>							

Page: 4 of 6
1648868

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: <u>Pioneer Technology Corp</u>		Report To: <u>Stacy Munson</u>		Attention: <u>Jeff King</u>	
Address: <u>5265 Corporate Ct, Ct. SE</u>		Copy To: <u>Jeff King</u>		Company Name: <u>PERC</u>	
<u>Ste. A. Leary WA 98503</u>		Purchase Order No.:		Address:	
Email To: <u>MUNSONSA@uspioneer.com</u>		Project Name: <u>Superlon - R1 Phase III</u>		Pace Quote Reference:	
Phone: <u>360-520-1260</u> Fax:		Project Number:		Pace Project Manager: <u>Karen Jany</u>	
Requested Due Date/TAT: <u>Std.</u>				Pace Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER _____

Site Location: WA

STATE: WA

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G-GRAB C-COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.	
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol					Other
					DATE	TIME	DATE	TIME														
1			SL	G			8/24/12	11:45	6	2					2	2	X	X				
2			SL	G				11:50	6	2					2	2	X	X				
3			SL	G				11:55	6	2					2	2	X	X				
4			SL	G				12:00	6	2					2	2	X	X				
5			SL	G				12:05	6	2					2	2	X	X				
6			SL	G				12:10	6	2					2	2	X	X				
7			SL	G				12:15	6	2					2	2	X	X				
8			SL	G				12:20	6	2					2	2	X	X				
9			SL	G				12:25	6	2					2	2	X	X				
10			SL	G				12:30	6	2					2	2	X	X				
11			SL	G				12:35	6	2					2	2	X	X				
12			SL	G					4						2	2	X	X				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
4 coolers total	Stacy Munson	8/24/12	2:15p	Trees & Pace	8/24/12	2:15	
	Beck Pace	8/24/12	3:15	Coleta Ullauer/PACE	082412	1575	

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <u>Stacy Munson</u>	DATE Signed (MM/DD/YY): <u>8/24/12</u>				
SIGNATURE of SAMPLER: <u>Stacy Munson</u>					

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 5 of 6
1580134

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	REGULATORY AGENCY
Company: <u>Pioneer Technologies Corp</u>	Report To: <u>Stacy Munson</u>	Attention: <u>Jeff King</u>	<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____
Address: <u>5205 Corporate Cr. Ct. SE Ste. A Lacey WA 98502</u>	Copy To: <u>Jeff King</u>	Company Name: <u>PERC</u>	
Email To: <u>mvmunson@pioneer.com</u>	Purchase Order No.:	Address:	Site Location <u>WA</u>
Phone: <u>360-570-1700</u> Fax:	Project Name: <u>Superion - RI Phase III</u>	Pace Quote Reference:	STATE: <u>WA</u>
Requested Due Date/TAT: <u>STD</u>	Project Number:	Pace Project Manager: <u>Karen Jung</u>	
		Pace Profile #:	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.						
				COMPOSITE START	COMPOSITE END-GRAB					Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test ↓	Analysis Test ↓			Analysis Test ↓	Analysis Test ↓	Analysis Test ↓	Analysis Test ↓	Analysis Test ↓	Analysis Test ↓
1	Trip Blank 2		SL				8/24/12	4																			
2	Trip Blank 3		WT				8/24/12	4																			
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
4 coolers total	<u>Stacy Munson</u> <u>Blue K Pace</u>	8/24/12	2:15p	<u>Blue K Pace</u>	8/24/12	2:15	
		8/24/12	3:15	<u>Collette Weckert / PACE</u>	082412	1515	

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<u>Stacy Munson</u>				
SIGNATURE of SAMPLER:	<u>Stacy Munson</u>				
	DATE Signed (MM/DD/YY): <u>8/24/12</u>				

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days

Section A
Required Client Information:

Section B
Required Project Information:

Section C
Invoice Information:

Page: 6 of 6

1648869

Company: **PERC**
Report To: **PTC**

Address: **8424 E. Meadow Lk Dr, Snohomish, WA 98290**
Copy To:
Snohomish, WA 98290

Email To:
Purchase Order No.:

Phone: **360 570 1700** Fax:
Project Name: **SUPERLON - RI phase III**

Requested Due Date/TAT:
Project Number:

Attention: **PERC JEFF KING**

Company Name: **PERC**
REGULATORY AGENCY

Address: **8424 E. Meadow Lk Dr.**
Snohomish, WA 98290

Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

Site Location: **WA**
STATE:

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Matrix Codes MATRIX / CODE		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ TOC	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.						
		Drinking Water	DW			Water	WT	Waste Water	WW			Product	P	Soil/Solid	SL	Oil	OL	Wipe	WP					Air	AR	Tissue	TS	Other	OT
		COMPOSITE START	DATE			TIME	COMPOSITE END/GRAB	DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other										
1	SSMW7-C			S	G	8/24	8:35	8/23	8:35	1	1																		
2	SSMW7-S			S	G	8/24	8:36	8/23	8:36	1	1																		
3	S																												
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
4 coolers total	<i>[Signature]</i>	8/24/12	2:15p	Jeff King Pace	8/24/12	2:15	
	<i>[Signature]</i>	8/24/12	3:15	Cherelle Weaker/PACE	08/24/12	15:15	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: **Jeff King**

SIGNATURE of SAMPLER: *[Signature]*

DATE Signed (MM/DD/YY):

Temp in °C: _____
Received on Ice (Y/N): _____
Custody Sealed Cooler (Y/N): _____
Samples Intact (Y/N): _____

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Container Count

25 13412



CLIENT: Pioneer

COC PAGE 1 of 5
 COC ID# 1648865

Trip Blank(s) Provided?
 Y / N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG	Comments
1										1						
2										1						
3										1						
4										1						
5										1						
6										1						
7										1						
8										1						
9										1						
10										1						
11										1						
12										1						

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFU	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	U	Wipe/Swab	U	Summa Can

Sample Container Count

25 134 12



CLIENT: Pioneer

COC PAGE 7 of 5
 COC ID# 1648866

Trip Blank(s) Provided?
 Y / N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG	BP2N	Comments
1																	
2																	
3																	
4																	
5	6	²														²	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFU	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	I	Wipe/Swab	U	Summa Can

Sample Container Count

25 13412



CLIENT: Pioneer

COC PAGE 3 of 5
 COC ID# 1648867

Trip Blank(s) Provided?
 Y / N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG	BP5U	Comments
1										1							
2										1							
3																	
4										1	2	2					
5										1							
6										1							
7																	
8																	
9																	
10																	
11										1	1	2	2				
12										1	1	2	2				

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFU	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	I	Wipe/Swab	U	Summa Can

Sample Container Count

2513412



CLIENT: Pioneer

COC PAGE 4 of 5

COC ID# _____

Trip Blank(s) Provided? (Y) / N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG	BP5U	Comments
1										1	1	2	2				
2										↓	↓	↓	↓				
3																	
4																	
5																	
6																	
7											↓						
8											1						
9																1	
10										↓						↓	
11										1		↓	↓			1	
12												2	2				

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFU	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	U	Wipe/Swab	U	Summa Can

Sample Container Count

25 13412



CLIENT: Pioneer

COC PAGE 5 of 5
 COC ID# 1580134, 1648869

Trip Blank(s) Provided?
 Y N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG	JGFU	Comments
1												2	2				
2	4																
3																1	
4																1	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFU	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	I	Wipe/Swab	U	Summa Can



Sample Condition Upon Receipt

2513412

Client Name: Pioneer

Project # _____

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags None Other _____ Temp. Blank Yes No

Thermometer Used 132013 or 101731952 or 226099 Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 2.4, 1.9, 3.1, 5.1 Biological Tissue is Frozen: Yes No
Temp should be above freezing $\leq 8^{\circ}\text{C}$ Comments: _____

Date and Initials of person examining contents: 08/27/12 CW

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Follow Up / Hold Analysis Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9. Coc has Dx, total & Dissolved Hg, As, Pb, & Cd to be
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. to be lab filtered
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. No sample information on terra vials
-Includes date/time/ID/Analysis Matrix:	<u>WT/SL</u>	No, date, time, or ID name.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: <u>VOA, coliform, TOC, O&G</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Lot # of added preservative
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blanks Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	17.
Pace Trip Blank Creation Date:	_____	

run on trip blank but no volume rec'd for that just for Gx. Also rec'd 1 Meth val with no sample in it for SUP_SL_72-12-14-082412

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: STACY MUNSON Date/Time: 08/27/12 16:00

Comments/ Resolution: _____

Dx w/ SL CLEAN UP

TB for volatile's only (TB) & : 4260 WC, TB 3: Gx

Project Manager Review: KAREN JANG Date: 08/27/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: January 2, 2013
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 2513412 and 2513623
Sample Date(s): August 23, 2012 through September 20, 2012

This review summarizes the data quality of analytical results generated in support of the August 23rd through September 20th, 2012 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. This review summarizes the data quality in sample delivery group 2513412 and 2513623.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010. Rev 3, September 2012.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2513412 and 2513623



Delivery Group Summary

Fifty soil samples, one groundwater sample, two surface water samples, three soil field duplicates, and four trip blank were collected by Pacific Environmental Redevelopment Corporation between August 23rd and September 20th, 2012. Samples were hand delivered by a Pace representative to Pace Analytical in Seattle, Washington on August 24th, 2012 and September 20th 2012. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), total and dissolved mercury, diesel range organics, gasoline range organics, volatile organic compounds (VOCs), and total organic carbon (TOC) by methods 6010, 7470, NWTPH-Dx, NWTPH-Gx, 8260, and 9060, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6010 – 5.2% of the results were qualified.
- Total and dissolved mercury results by method 7470 – 16.7% of the results were qualified.
- VOC results by method 8260 – 9.8% of the results were qualified.
- Diesel range organic results by method NWTPH-Dx – 25% of the results were qualified.
- Gasoline range organic results by method NWTPH-Gx – None of the results were qualified.
- TOC results by method 2540C – None of the results were qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:				
Collected by the Field Crew			Provided by the Laboratory	
Soil = 50 Samples (3 Duplicates)	Groundwater = 1 Sample	Surface water = 2 Samples	Trip Blank (Solid) = 2 Samples	Trip Blank (Water) = 2 Sample
6010 Metals (As, Pb, Cd) 8260 VOCs 9060 TOC	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury NWTPH-Gx NWTPH-Dx	6010 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 7470 Total Mercury 7470 Dissolved Mercury NWTPH-Dx NWTPH-Gx	8260 VOCs	NWTPH-Gx

Holding Time:

Criteria Used to Qualify Data Associated with Holding Times:

Representativeness

- 1) Holding Times for Soil Samples:
 - a. Due to limited information concerning holding times for soil samples, it is left to the discretion of the reviewer to apply water holding time criteria to soil samples.
- 2) Holding Times for Water Samples:
 - a. If holding times exceed:
 - i. Positive results are flagged as estimated (J).
 - ii. Negative results are flagged with the sample quantitation limit as estimated (UJ).
 - b. If holding times grossly exceed upon first analysis or re-analysis:
 - i. Positive results are flagged as estimated (J or UJ).
 - ii. Negative results are flagged as unusable (R).

Action: The following sample results exceeded holding times and were qualified based on the criteria above:

Field ID	Lab ID	Analytes/ Methods	Date Collected	Date Prepared	Date Analyzed	HT	Number of Days Past HT	Comment
SUP_SL_73_6- 8_082412	2513412034	Hexachloro-1,3-butadiene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
		Tetrachloroethene						
		Trichloroethene						
SUP_SL_73_8- 10_082412	2513412035	Hexachloro-1,3-butadiene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
		Tetrachloroethene						
		Trichloroethene						



Action: The following sample results exceeded holding times and were qualified based on the criteria above:

Field ID	Lab ID	Analytes/ Methods	Date Collected	Date Prepared	Date Analyzed	HT	Number of Days Past HT	Comment
SUP_SL_73_10- 12_082412	2513412036	Tetrachloroethene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
		Trichloroethene						
SUP_SL_73_12- 14_082412	2513412037	Tetrachloroethene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
SUP_SL_74_4- 6_082412	2513412041	p-Isopropyltoluene	8/24/12	9/5/12	9/11/12	14 days	4	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded.
SSMW-4S	2513623008	TOC	9/12/12		10/11/12	28 days	1	Holding times were exceeded; however, based on criteria 1a, no qualifiers were applied or changed since the holding times for the soil sample only slightly exceeded. Analysis was run at client request.

Accuracy

Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both).
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and



one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.

- 4) If any surrogate in a fraction shows less than 10% recovery:
- a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Methods Associated with Surrogate	Comment
SUP_SL_73_6-8_082412	2513412034	Dibromofluoromethane	48	74-126	Low	Volatile Surrogate	8260 VOCs	<p>Surrogate was outside QC limits and VOC results associated with the surrogate were qualified based on criteria 2b and 2c.</p> <p>It should be noted that the results for 1,2-dichloroethene (Total), hexachloro-1,3-butadiene, tetrachloroethene, trichloroethene, vinyl chloride, cis-1,2-dichloroethene, and trans-1,2-dichloroethene for this sample were not qualified since they were run under a separate method (8260 MSV 5035A Med Level VOA) with their own surrogate recoveries.</p>
SUP_SL_73_8-10_082412	2513412035	Dibromofluoromethane	47	74-126	Low	Volatile Surrogate	8260 VOCs	<p>Surrogate was outside QC limits and VOC results associated with the surrogate were qualified based on criteria 2b and 2c.</p> <p>It should be noted that the results for 1,2-dichloroethene (Total), cis-1,2-dichloroethene, trans-1,2-dichloroethene, hexachloro-1,3-butadiene, tetrachloroethene, trichloroethene, and vinyl chloride for this sample were not qualified since they were run under a separate method (8260 MSV 5035A Med Level VOA) with their own surrogate recoveries.</p>



Blanks:

SDG 25134120: As specified in the SAP & QAPP, method blanks were prepared and analyzed at the required frequency. All samples were transported via four coolers. Trip blanks were not prepared and analyzed at the required frequency of one trip blank per sample cooler submitted to the lab. Three of the four coolers contained trip blanks.

SDG 25136230: As specified in the SAP & QAPP, method blanks and trip blanks were prepared and analyzed at the required frequency. It should be noted that there was not a method blank for TOC, however there are no requirements for method blanks for TOC in the SAP & QAPP. All samples were transported via one cooler with the trip blank.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
129084	Method Blank	SUP_GW_20_082412	2513412017	Mercury	0.000030 J	mg/L
128762	Method Blank	SUP_SL_74_6-8_082412 SUP_SL_74_8-10_082412 SUP_SL_74_10-12_082412 SUP_SL_74_12-14_082412 SUP_SL_74_12-14_082412	2513412042 2513412043 2513412044 2513412045 2513412046	Lead	0.064 J	mg/kg
131974	Method Blank	SW-SW-3-092012 SW-SW-4-092012	2513623001 2513623002	Arsenic, Dissolved	0.0040 J	mg/L

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.



Action: The following sample results were qualified due to the evaluation of blanks:			
Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Mercury		
SUP_GW_20_082412	2513412017	129084	Method Blank
Analyte:	Lead		
SUP_SL_74_6-8_082412	2513412042	128762	Method Blank
SUP_SL_74_8-10_082412	2513412043		
SUP_SL_74_10-12_082412	2513412044		
SUP_SL_74_12-14_082412	2513412045		
SUP_SL_74_14-16_082412	2513412046		
Analyte:	Arsenic, Dissolved		
SW-SW-3-092012	2513623001	131974	Method Blank
SW-SW-4-092012	2513623002		

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one every 20 samples per matrix for method 8260 and one with each extraction batch for method NWTPH-Dx.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics
 - a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
 - b. If the spike recovery is >125% and the reported sample results are < MDL, the data is acceptable for use.
 - c. If the spike recovery is >125% or <75% and the sample results are > MDL, qualify the data for these samples as estimated (J).
 - d. If the spike recovery falls within the range of 30-74% and the sample results are < MDL, qualify the data for these samples as estimated (UJ).
 - e. If spike recovery results fall <30% and the sample results are < MDL, qualify the data for these samples as unusable (R).



Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RP D	Max RPD	Bias	Comment
SUP_SL_69_2-4_082412	2513412001	128755/128756	Arsenic	-392/-426	75-125	5	20	Low	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SUP_SL_69_4-6_082412	2513412002								
SUP_SL_69_6-8_082412	2513412003								
SUP_SL_69_8-10_082412	2513412004								
SUP_SL_69_10-12_082412	2513412005								
SUP_SL_69_12-14_082412	2513412006								
SUP_SL_69_14-16_082412	2513412007								
SUP_SL_69_8-10_082412_9	2513412008	128755/128756	Lead	-427/-605	75-125	16	20	Low	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SUP_SL_70_1-2_082412	2513412009								
SUP_SL_70_2-4_082412	2513412010								
SUP_SL_70_4-6_082412	2513412011								
SUP_SL_70_6-8_082412	2513412012								
SUP_SL_70_8-10_082412	2513412013								
SUP_SL_70_10-12_082412	2513412014								
SUP_SL_70_12-14_082412	2513412015								
SUP_SL_70_14-16_082412	2513412016								
SUP_SL_71_1-2_082412	2513412018								
SUP_SL_71_2-4_082412	2513412019								
SUP_SL_71_4-6_082412	2513412020								
SUP_SL_71_6-8_082412	2513412021								



Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RP D	Max RPD	Bias	Comment
SUP_SL_71_6-8_082412_9 SUP_SL_71_8-10_082412 SUP_SL_71_10-12_082412 SUP_SL_71_12-14_082412 SUP_SL_71_14-16_082412 SUP_SL_72_4-6_082412	2513412022 2513412023 2513412024 2513412025 2513412026 2513412027	128759/128760	Arsenic	-877/ -104	75- 125	23	20	Low/ High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SUP_SL_72_6-8_082412 SUP_SL_72_8-10_082412 SUP_SL_72_10-12_082412 SUP_SL_72_12-14_082412 SUP_SL_72_14-16_082412 SUP_SL_73_2-4_082412 SUP_SL_73_6-8_082412 SUP_SL_73_8-10_082412 SUP_SL_73_10-12_082412 SUP_SL_73_12-14_082412 SUP_SL_73_14-16_082412 SUP_SL_73_14-16_082412_9 SUP_SL_74_2-4_082412 SUP_SL_74_4-6_082412	2513412028 2513412029 2513412030 2513412031 2513412032 2513412033 2513412034 2513412035 2513412036 2513412037 2513412038 2513412039 2513412040 2513412041		Lead	-1610/ -134	75- 125	24	20	Low/ High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SUP_GW_20_082412	2513412017	129258/129259	Arsenic	140/ 148	75- 125	3	20	High	MS/MSD was outside QC limits and the result associated with the MS/MSD was qualified based on criteria 2c.
SUP_SL_73_6-8_082412 SUP_SL_73_8-10_082412 SUP_SL_73_10-12_082412 SUP_SL_73_12-14_082412 SUP_SL_74_4-6_082412 SUP_SL_74_6-8_082412 SUP_SL_74_8-10_082412	2513412034 2513412035 2513412036 2513412037 2513412041 2513412042 2513412043	129264/129265	Tetrachloroethene	142/ 128	80- 112	11	30	High	MS/MSD was outside QC limits; however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.
			Trichloroethene	117/10 7	80- 112	9	30	High	MS/MSD was outside QC limits; however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.



Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RP D	Max RPD	Bias	Comment
			Vinyl Chloride	62/66	80-112	7	30	Low	MS/MSD was outside QC limits; however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.
SW-SW-3-092012 SW-SW-4-092012	2513623001 2513623002	131830/131831	Arsenic	78/133	75-125	4	20	High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SW-SW-3-092012 SW-SW-4-092012	2513623001 2513623002	131976/131977	Arsenic, Dissolved	69/131	75-125	5	20	Low/High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
SW-SW-3-092012 SW-SW-4-092012	2513623001 2513623002	132187/132188	Gasoline Range Organics	102/96	61-98	6	30	High	MS/MSD was outside QC limits; however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one every 20 samples per matrix for method 7470, 8260, 6010, and one per extraction batch for method NWTPH-Dx and NWTPH-Gx.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).
- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be



qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > MDL as estimated (J).
- iii. If results are < MDL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < MDL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > MDL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < MDL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > MDL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < MDL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > MDL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < MDL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_73_6-8_082412	2513412034	129221	Vinyl Chloride	67	80-112	--	--	Low	LCS/LCSD was outside QC limits; however, based on criteria 1b and 1c, no qualifiers were applied or changed since more than half of the analytes in the LCS/LCSD were within the required recovery.
SUP_SL_73_8-10_082412	2513412035								
SUP_SL_73_10-12_082412	2513412036								
SUP_SL_73_12-14_082412	2513412037								
SUP_SL_74_4-6_082412	2513412041								
SUP_SL_74_6-8_082412	2513412042								
SUP_SL_74_8-10_082412	2513412043								



Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RPD	Max RPD	Bias	Comment
SUP_SL_72_4-6_082412 SUP_SL_72_6-8_082412 SUP_SL_72_8-10_082412 SUP_SL_72_10-12_082412 SUP_SL_72_12-14_082412 SUP_SL_72_14-16_082412 SUP_SL_73_2-4_082412 SUP_SL_73_6-8_082412 SUP_SL_73_8-10_082412 SUP_SL_73_10-12_082412 SUP_SL_73_12-14_082412	2513412027 2513412028 2513412029 2513412030 2513412031 2513412032 2513412033 2513412034 2513412035 2513412036 2513412037	128626	tert-Amylmethyl ether	163	55-150	--	--	High	LCS/LCSD was outside QC limits and the results associated with the MS/MSD were qualified based on criteria 1a.
			Vinyl chloride	115	80-112	--	--	High	LCS/LCSD was outside QC limits and the results associated with the MS/MDS were qualified based on criteria 1a. It should be noted that the results for vinyl chloride for samples 2513412034 and 2513412035 were not qualified since they were run under a separate method (8260 MSV 5035A Med Level VOA) with their own MS/MSD.
SUP_SL_73_14-16_082412	2513412038	129143	Vinyl chloride	117	80-112	--	--	High	LCS/LCSD was outside QC limits; however based on criteria 1a, no qualifiers were applied or changed since none of the results were detected.
SUP_GW_20_082412	2513412017	128707	Diesel Range SG	103	61-98	--	--	High	LCS/LCSD was outside QC limits and the results associated with the MS/MSD were qualified based on criteria 1a.
			Motor Oil Range SG	102	61-98	--	--	High	LCS/LCSD was outside QC limits and the results associated with the MS/MSD were qualified based on criteria 1a.

Comparability

Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 20 samples for method 7470, NWTPH-Dx, and NWTPH-Gx.

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
2. Aqueous Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 35%.
3. Solid Field Duplicates:
 - a. Field duplicate precision will be screened against a RPD of 50%.



<i>Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.</i>				
Analyte	Results		Units	RPD
	SUP_SL_69_8-10_082412_9 (Lab ID – 2513412008)	SUP_SL_69_8-10_082412 (Lab ID – 2513412004)		
Arsenic	2620	2350	mg/kg	11
Cadmium	43.5	38.6		12
Lead	3360	3060		9
Analyte	Results		Units	RPD
	SUP_SL_71_6-8_082412_9 (Lab ID – 2513412022)	SUP_SL_71_6-8_082412 (Lab ID – 2513412021)		
Arsenic	822	670	mg/kg	20
Cadmium	13.7	11.6		17
Lead	1500	1320		13
<i>Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.</i>				
Analyte	Results		Units	RPD
	SUP_SL_73_14-16_082412_9 (Lab ID –2513412039)	SUP_SL_73_14-16_082412 (Lab ID – 2513412038)		
Arsenic	134	136	mg/kg	2
Cadmium	2.0	2.0		0
Lead	4.0	3.9		3
1,2,4-Trimethylbenzene	<4.3	5.3	ug/kg	21
Acetone	26.8	<12.1		76
Benzene	64.7	2.0 J		188
Carbon disulfide	4.1 J	<3.6		13
Chlorobenzene	33.9	<3.6		162
Naphthalene	<4.3	3.7		15
Tetrachloroethene	106	<3.6		187
Toluene	10.5	<3.6		98
Trichloroethene	19.3	<3.6		137
Xylene (Total)	<12.8	7.5 J		52
cis-1,2-Dichloroethene	<4.3	2.2 J		65
m&p-Xylene	<8.5	5.5 J		43
o-Xylene	<4.3	2.0 J		73



Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

SDG 2513412:

It was noted on the sample receipt that the analysis requested for the trip blanks was not able to be conducted with the amount of sample volume delivered (i.e., the sampler had 6010, 7470, and NWTPH-Dx requested on the chain-of-custody for the trip blanks but they only supplied with enough trip blanks for 8260 and NWTPH-Gx analysis). Stacy Munson was contacted and the laboratory was instructed to analyze trip blank 1 and trip blank 2 for method 8260 and trip blank 3 for method NWTPH-Gx. The sample receipt indicated that the terra vials had no date, time, or ID name, and that there was a MeOH vial with no sample for SUP_SL_72_12-14_082412; however, it appears that all of the requested analyses were conducted for the samples. The samples arrived in good condition, preserved correctly, and were on ice. It should be noted that two soil samples (SSMW7-C [2513412050] and SSMW7-S [2513412051]) were collected on 08/23/12 but were delivered to the laboratory the next day. These samples were kept in a refrigerator overnight before delivery to the laboratory. Cooler custody seals were used. The temperature of the delivery coolers were recorded at 2.4, 1.9, 3.1, and 5.1 °C and were within the required temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact, preserved correctly).

The groundwater sample collected for this event (SUP_GW_20_082412 [2513412017]) should have been analyzed for total and dissolved metals using method 6020 instead of 6010 according to the SAP & QAPP. No action was taken based on this information.

Due to low recoveries in the surrogates (>10% but less than the lower acceptance limit), the detected and nondetected results for VOCs were flagged as estimated in samples SUP_SL_73_6-8_082412 (2513412034) and SUP_SL_73_8-10_082412 (2513412035). The surrogate recovery was outside control limits due to matrix interferences and was not confirmed with re-analysis. No action was taken based on this information.

The sample weight for dibromofluoromethane(S) in samples SUP_SL_72_4-6_082412 (2513412027), SUP_SL_72_10-12_082412 (2513412030), SUP_SL_72_12-14_082412 (2513412031), SUP_SL_74_2-4_082412 (2513412040), SUP_SL_74_6-8_082412 (2513412042), SUP_SL_74_8-10_082412 (2513412043), SUP_SL_74_10-12_082412 (2513412044), SUP_SL_74_12-14_082412 (2513412045), SUP_SL_74_14-16_082412 (2513412046), SUP_SL_74_4-6_082412 (2513412041), and SUP_SL_73_14-16_082412 (2513412038) did not meet method specifications. No action was taken based on this information.

The continuing calibration for the following laboratory control samples were outside of Pace analytical acceptance limits, therefore the results may be biased high. Based on this information, the detected results for the associated field sample results were qualified as estimated.

QC Sample	Associated Field ID	Associated Lab ID	Analyte
128626	SUP_SL_72_4-6_082412	2513412027	1,1-Dichloroethene
	SUP_SL_72_6-8_082412	2513412028	Tetrachloroethene ¹
	SUP_SL_72_8-10_082412	2513412029	tert-Amylmethyl ether
	SUP_SL_72_10-12_082412	2513412030	
	SUP_SL_72_12-14_082412	2513412031	
	SUP_SL_72_14-16_082412	2513412032	
	SUP_SL_73_2-4_082412	2513412033	
	SUP_SL_73_6-8_082412	2513412034	
	SUP_SL_73_8-10_082412	2513412035	
	SUP_SL_73_10-12_082412	2513412036	
SUP_SL_73_12-14_082412	2513412037		
128628	SUP_SL_73_14-16_082412	2513412039	1,1-Dichloroethene
	SUP_SL_74_2-4_082412	2513412040	Tetrachloroethene ²
	SUP_SL_74_6-8_082412	2513412042	tert-Amylmethyl ether
	SUP_SL_74_8-10_082412	2513412043	
	SUP_SL_74_10-12_082412	2513412044	
	SUP_SL_74_12-14_082412	2513412045	
	SUP_SL_74_14-16_082412	2513412046	
128907	SUP_SL_74_4-6_082412	2513412041	Vinyl chloride
129143	SUP_SL_73_14-16_082412	2513412038	Acetone

¹ The sample results for 2513412034, 2513412035, 2513412036, and 2513412037 for this analyte were not qualified since they were run under a separate method (8260 MSV 5035A Med Level VOA) with its own QC data.

² The sample result for 2513412043 for this analyte was not qualified since it was run under a separate method (8260 MSV 5035A Med Level VOA) with its own QC data.

SDG 2513623:

It was noted on the sample receipt that the 1L amber jar for SW-SW-3-092012 (2513623001) had a pH of 6 and was not in compliance with EPA recommendations. The SAP & QAPP does not specify a required pH level, however since the sample was not in compliance with EPA recommendations the results are likely biased low and the associated results were flagged as estimated (J). No additional samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. containers intact). The samples arrived in good condition, and were on ice. Cooler custody seals were used. The temperature of the delivery cooler was recorded at 3.0 °C and was within the required temperature.

Samples collected on 9/12/12, 9/13/12, and 9/14/12 were kept in a refrigerator on-site until delivery to the lab on 9/20/12.

The surface water samples (SW-SW-3-092012[2513623001] and SW-SW-4-092012 [2513623002]) for this event were analyzed using method 6010 for total and dissolved metals. According to the SAP & QAPP, these samples should have been analyzed using method 6020. No action was taken based on this discrepancy.

Overall Assessment of 2513412 and 2513623:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- One hundred forty-eight (148) sample results were qualified (see Attachment 1).
- Thirty-two detected sample results were qualified as estimated (J) due to a the continuing calibration check being outside acceptance limits and/or surrogate recoveries that exceeded control limits, MS/MSD recoveries that exceeded control limits, LCS/LCSD recoveries that exceeded control limits, or the sample did not meet EPA recommended pH requirements.



- One hundred eight nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD recoveries that exceeded control limits or surrogate recoveries that exceeded control limits.
- Seven detected sample results were qualified (B) and one detected sample result was qualified as nondetected (UB) due to method blank contamination.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2513412 & 2513623

Laboratory Results												Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	CASNO	Analyte	Method Detection Limit	Practical Quantitation Limit	Reporting Limit	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SW-SW-3-092012	2513623001	EPA 6010	Water	7440-38-2	Arsenic, Dissolved	0.022	0.20	0.20	20.1	mg/L	B D4	B	Method Blank Contamination
SW-SW-4-092012	2513623002	EPA 6010	Water	7440-38-2	Arsenic, Dissolved	0.0045	0.040	0.040	5.7	mg/L	B D4	B	Method Blank Contamination
SW-SW-3-092012	2513623001	NWTPH-Dx	Water	PTC_000010	Diesel Range SG	0.038	0.076	0.076	0.31	mg/L		J	Sample Did Not Meet EPA Recommended pH Requirements
SW-SW-3-092012	2513623001	NWTPH-Dx	Water	64742-65-0	Motor Oil Range SG	0.19	0.38	0.38	0.60	mg/L		J	Sample Did Not Meet EPA Recommended pH Requirements
SUP_SL_74_6-8_082412	2513412042	EPA 6010	Solid	7439-92-1	Lead	0.073	1.2	1.2	65.0	mg/kg	B	B	Method Blank Contamination
SUP_SL_74_8-10_082412	2513412043	EPA 6010	Solid	7439-92-1	Lead	2.0	31.4	31.4	2720	mg/kg	B D4	B	Method Blank Contamination
SUP_SL_74_10-12_082412	2513412044	EPA 6010	Solid	7439-92-1	Lead	0.063	1.0	1.0	3.3	mg/kg	B	B	Method Blank Contamination
SUP_SL_74_12-14_082412	2513412045	EPA 6010	Solid	7439-92-1	Lead	0.065	1.0	1.0	171	mg/kg	B	B	Method Blank Contamination
SUP_SL_74_14-16_082412	2513412046	EPA 6010	Solid	7439-92-1	Lead	0.069	1.1	1.1	2.7	mg/kg	B	B	Method Blank Contamination
SUP_GW_20_082412	2513412017	EPA 6010	Water	7440-38-2	Arsenic	0.0022	0.010	0.010	0.91	mg/L		J	MS/MSD Recoveries Exceed Control Limits
SUP_GW_20_082412	2513412017	EPA 7470	Water	7439-97-6	Mercury	0.000010	0.00020	0.00020	0.000025	mg/L	J,B	UB	Method Blank Contamination
SUP_SL_73_2-4_082412	2513412033	EPA 8260	Solid	127-18-4	Tetrachloroethene	2.2	4.5	4.5	61.3	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	630-20-6	1,1,1,2-Tetrachloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	71-55-6	1,1,1-Trichloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	79-34-5	1,1,2,2-Tetrachloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	79-00-5	1,1,2-Trichloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-34-3	1,1-Dichloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-35-4	1,1-Dichloroethene	3.7	7.4	7.4	129	ug/kg		J	Surrogate Recoveries Exceed Control Limits; Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	563-58-6	1,1-Dichloropropene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	87-61-6	1,2,3-Trichlorobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	96-18-4	1,2,3-Trichloropropane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	120-82-1	1,2,4-Trichlorobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	95-63-6	1,2,4-Trimethylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	96-12-8	1,2-Dibromo-3-chloropropane	6.2	12.4	12.4	12.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	106-93-4	1,2-Dibromoethane (EDB)	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	95-50-1	1,2-Dichlorobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	107-06-2	1,2-Dichloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	78-87-5	1,2-Dichloropropane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-67-8	1,3,5-Trimethylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	541-73-1	1,3-Dichlorobenzene	3.7	7.4	7.4	5.8	ug/kg	J	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	142-28-9	1,3-Dichloropropane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	106-46-7	1,4-Dichlorobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	594-20-7	2,2-Dichloropropane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	78-93-3	2-Butanone (MEK)	12.4	24.8	24.8	24.8	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	95-49-8	2-Chlorotoluene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	591-78-6	2-Hexanone	12.4	24.8	24.8	24.8	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	106-43-4	4-Chlorotoluene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-10-1	4-Methyl-2-pentanone (MIBK)	12.4	24.8	24.8	24.8	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	67-64-1	Acetone	12.4	24.8	24.8	127	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	71-43-2	Benzene	3.7	7.4	7.4	50.1	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-86-1	Bromobenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	74-97-5	Bromochloromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-27-4	Bromodichloromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-25-2	Bromoform	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	74-83-9	Bromomethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-15-0	Carbon disulfide	3.7	7.4	7.4	182	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	56-23-5	Carbon tetrachloride	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-90-7	Chlorobenzene	3.7	7.4	7.4	26.1	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-00-3	Chloroethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	67-66-3	Chloroform	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	74-87-3	Chloromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2513412 & 2513623

Laboratory Results												Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	CASNO	Analyte	Method Detection Limit	Practical Quantitation Limit	Reporting Limit	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	124-48-1	Dibromochloromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	74-95-3	Dibromomethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-71-8	Dichlorodifluoromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	100-41-4	Ethylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	98-82-8	Isopropylbenzene (Cumene)	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	1634-04-4	Methyl-tert-butyl ether	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-09-2	Methylene chloride	12.4	24.8	24.8	24.8	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	91-20-3	Naphthalene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	100-42-5	Styrene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	108-88-3	Toluene	3.7	7.4	7.4	109	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	75-69-4	Trichlorofluoromethane	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	1330-20-7	Xylene (Total)	11.2	22.3	22.3	22.3	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	10061-01-5	cis-1,3-Dichloropropene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	179601-23-1	m&p-Xylene	7.4	14.9	14.9	14.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	104-51-8	n-Butylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	103-65-1	n-Propylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	95-47-6	o-Xylene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	99-87-6	p-Isopropyltoluene	3.7	7.4	7.4	11.4	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	135-98-8	sec-Butylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	994-05-8	tert-Amylmethyl ether	3.7	7.4	7.4	7.4	ug/kg	U,L3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	98-06-6	tert-Butylbenzene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_6-8_082412	2513412034	EPA 8260	Solid	10061-02-6	trans-1,3-Dichloropropene	3.7	7.4	7.4	7.4	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	630-20-6	1,1,1,2-Tetrachloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	71-55-6	1,1,1-Trichloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	79-34-5	1,1,2,2-Tetrachloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	79-00-5	1,1,2-Trichloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	76-13-1	1,1,2-Trichlorotrifluoroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-34-3	1,1-Dichloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-35-4	1,1-Dichloroethene	2.4	4.9	4.9	109	ug/kg		J	Surrogate Recoveries Exceed Control Limits; Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	563-58-6	1,1-Dichloropropene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	87-61-6	1,2,3-Trichlorobenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	96-18-4	1,2,3-Trichloropropane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	120-82-1	1,2,4-Trichlorobenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	95-63-6	1,2,4-Trimethylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	96-12-8	1,2-Dibromo-3-chloropropane	4.1	8.1	8.1	8.1	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	106-93-4	1,2-Dibromoethane (EDB)	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	95-50-1	1,2-Dichlorobenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	107-06-2	1,2-Dichloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	78-87-5	1,2-Dichloropropane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-67-8	1,3,5-Trimethylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	541-73-1	1,3-Dichlorobenzene	2.4	4.9	4.9	5.3	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	142-28-9	1,3-Dichloropropane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	106-46-7	1,4-Dichlorobenzene	2.4	4.9	4.9	3.5	ug/kg	J	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	594-20-7	2,2-Dichloropropane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	78-93-3	2-Butanone (MEK)	8.1	16.2	16.2	16.2	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	95-49-8	2-Chlorotoluene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	591-78-6	2-Hexanone	8.1	16.2	16.2	16.2	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	106-43-4	4-Chlorotoluene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-10-1	4-Methyl-2-pentanone (MIBK)	8.1	16.2	16.2	16.2	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	67-64-1	Acetone	8.1	16.2	16.2	93.5	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	71-43-2	Benzene	2.4	4.9	4.9	41.9	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-86-1	Bromobenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 2513412 & 2513623

Laboratory Results												Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	CASNO	Analyte	Method Detection Limit	Practical Quantitation Limit	Reporting Limit	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	74-97-5	Bromochloromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-27-4	Bromodichloromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-25-2	Bromoform	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	74-83-9	Bromomethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-15-0	Carbon disulfide	2.4	4.9	4.9	134	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	56-23-5	Carbon tetrachloride	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-90-7	Chlorobenzene	2.4	4.9	4.9	29.0	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-00-3	Chloroethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	67-66-3	Chloroform	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	74-87-3	Chloromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	124-48-1	Dibromochloromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	74-95-3	Dibromomethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-71-8	Dichlorodifluoromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	100-41-4	Ethylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	98-82-8	Isopropylbenzene (Cumene)	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	1634-04-4	Methyl-tert-butyl ether	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-09-2	Methylene chloride	8.1	16.2	16.2	16.2	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	91-20-3	Naphthalene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	100-42-5	Styrene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	108-88-3	Toluene	2.4	4.9	4.9	91.5	ug/kg		J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	75-69-4	Trichlorofluoromethane	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	1330-20-7	Xylene (Total)	7.3	14.6	14.6	14.6	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	10061-01-5	cis-1,3-Dichloropropene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	179601-23-1	m&p-Xylene	4.9	9.7	9.7	9.7	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	104-51-8	n-Butylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	103-65-1	n-Propylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	95-47-6	o-Xylene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	99-87-6	p-Isopropyltoluene	2.4	4.9	4.9	4.8	ug/kg	J	J	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	135-98-8	sec-Butylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	994-05-8	tert-Amylmethyl ether	2.4	4.9	4.9	4.9	ug/kg	U,L3	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	98-06-6	tert-Butylbenzene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_8-10_082412	2513412035	EPA 8260	Solid	10061-02-6	trans-1,3-Dichloropropene	2.4	4.9	4.9	4.9	ug/kg	U	UJ	Surrogate Recoveries Exceed Control Limits
SUP_SL_73_10-12_082412	2513412036	EPA 8260	Solid	75-35-4	1,1-Dichloroethene	2.7	5.4	5.4	226	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_73_12-14_082412	2513412037	EPA 8260	Solid	75-01-4	Vinyl chloride	2.2	4.4	4.4	5.7	ug/kg		J	LCS/LCSD Recoveries Exceed Control Limits
SUP_SL_73_14-16_082412	2513412039	EPA 8260	Solid	127-18-4	Tetrachloroethene	2.1	4.3	4.3	106	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_2-4_082412	2513412040	EPA 8260	Solid	127-18-4	Tetrachloroethene	2.7	5.4	5.4	26.9	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_6-8_082412	2513412042	EPA 8260	Solid	127-18-4	Tetrachloroethene	1.8	3.6	3.6	13.5	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_8-10_082412	2513412043	EPA 8260	Solid	75-35-4	1,1-Dichloroethene	3.7	7.3	7.3	21.9	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_10-12_082412	2513412044	EPA 8260	Solid	127-18-4	Tetrachloroethene	1.9	3.7	3.7	10.0	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_12-14_082412	2513412045	EPA 8260	Solid	127-18-4	Tetrachloroethene	2.0	4.0	4.0	43.3	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_14-16_082412	2513412046	EPA 8260	Solid	127-18-4	Tetrachloroethene	1.7	3.5	3.5	5.7	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_SL_74_4-6_082412	2513412041	EPA 8260	Solid	75-01-4	Vinyl chloride	2.3	4.5	4.5	48.0	ug/kg		J	Continuing Calibration Check was Outside Acceptance Limits
SUP_GW_20_082412	2513412017	NWTPH-Dx	Water	PTC_000010	Diesel Range SG	0.038	0.077	0.077	0.040	mg/L	J	J	LCS/LCSD Recoveries Exceed Control Limits
SUP_GW_20_082412	2513412017	NWTPH-Dx	Water	64742-65-0	Motor Oil Range SG	0.19	0.38	0.38	0.38	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits

October 12, 2012

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon - R1 Phase III
Pace Project No.: 2513623

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on September 20, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Sample 2513623-008 (SSMW-4S) was analyzed outside of hold time for TOC. Analysis was completed upon client approval.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Karen Jang

karen.jang@pacelabs.com
Project Manager

Enclosures

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108

Alaska CS Certification #: UST-025

Arizona Certification #: AZ0770

California Certification #: 01153CA

Florida/NELAP Certification #: E87617

Oregon Certification #: WA200007

Washington Certification #: C555

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 11888

North Carolina Certification #: 503

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

US Dept of Agriculture #: S-76505

Wisconsin Certification #: 405132750

SAMPLE SUMMARY

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2513623001	SW-SW-3-092012	Water	09/20/12 08:00	09/20/12 11:20
2513623002	SW-SW-4-092012	Water	09/20/12 08:20	09/20/12 11:20
2513623003	Trip Blank 1	Water	09/20/12 00:00	09/20/12 11:20
2513623004	SSMW-3S	Solid	09/13/12 10:50	09/20/12 11:20
2513623005	SSMW-3C	Solid	09/13/12 10:10	09/20/12 11:20
2513623006	SSMW-6S	Solid	09/14/12 11:15	09/20/12 11:20
2513623007	SSMW-6C	Solid	09/14/12 10:50	09/20/12 11:20
2513623008	SSMW-4S	Solid	09/12/12 09:45	09/20/12 11:20
2513623009	SSMW-4C	Solid	09/12/12 09:38	09/20/12 11:20

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2513623001	SW-SW-3-092012	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
2513623002	SW-SW-4-092012	NWTPH-Dx	AY1	4	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 6010	BGA	3	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 7470	BGA	1	PASI-S
		NWTPH-Gx	LPM	2	PASI-S
2513623003	Trip Blank 1	NWTPH-Gx	LPM	2	PASI-S
2513623004	SSMW-3S	ASTM D2974-87	AH	1	PASI-G
		EPA 9060	TJJ	5	PASI-G
2513623005	SSMW-3C	ASTM D2974-87	AH	1	PASI-G
		EPA 9060	TJJ	5	PASI-G
2513623006	SSMW-6S	ASTM D2974-87	AH	1	PASI-G
		EPA 9060	TJJ	5	PASI-G
2513623007	SSMW-6C	ASTM D2974-87	AH	1	PASI-G
		EPA 9060	TJJ	5	PASI-G
2513623008	SSMW-4S	ASTM D2974-87	AH	1	PASI-G
		EPA 9060	TJJ	5	PASI-G
2513623009	SSMW-4C	ASTM D2974-87	AH	1	PASI-G
		EPA 9060	TJJ	5	PASI-G

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

Sample: SW-SW-3-092012 Lab ID: 2513623001 Collected: 09/20/12 08:00 Received: 09/20/12 11:20 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	0.31	mg/L	0.076	0.038	1	09/27/12 09:30	09/28/12 01:46		
Motor Oil Range SG	0.60	mg/L	0.38	0.19	1	09/27/12 09:30	09/28/12 01:46	64742-65-0	
Surrogates									
n-Octacosane (S) SG	87	%	50-150		1	09/27/12 09:30	09/28/12 01:46	630-02-4	
o-Terphenyl (S) SG	75	%	50-150		1	09/27/12 09:30	09/28/12 01:46	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	20.5	mg/L	0.10	0.022	10	09/26/12 10:18	09/28/12 09:37	7440-38-2	D4
Cadmium	0.50	mg/L	0.0050	0.00042	1	09/26/12 10:18	09/28/12 09:04	7440-43-9	
Lead	0.57	mg/L	0.010	0.0019	1	09/26/12 10:18	09/28/12 09:04	7439-92-1	
6010 MET ICP, Dissolved (LF) Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	20.1	mg/L	0.20	0.022	10	09/27/12 10:00	09/28/12 10:24	7440-38-2	B,D4
Cadmium, Dissolved	0.46	mg/L	0.0050	0.00042	1	09/27/12 10:00	09/28/12 10:10	7440-43-9	
Lead, Dissolved	0.062	mg/L	0.010	0.0019	1	09/27/12 10:00	09/28/12 10:10	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.00020	mg/L	0.00020	0.000010	1	09/27/12 14:39	09/28/12 09:21	7439-97-6	
7470 Mercury, Dissolved (LF) Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	<0.000010	mg/L	0.00020	0.000010	1	09/27/12 14:39	09/28/12 09:38	7439-97-6	
NWTPH-Gx MSV Analytical Method: NWTPH-Gx									
Gasoline Range Organics	<25.0	ug/L	50.0	25.0	1		09/27/12 21:04		
Surrogates									
4-Bromofluorobenzene (S)	104	%	50-150		1		09/27/12 21:04	460-00-4	

Sample: SW-SW-4-092012 Lab ID: 2513623002 Collected: 09/20/12 08:20 Received: 09/20/12 11:20 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel Analytical Method: NWTPH-Dx Preparation Method: EPA 3510									
Diesel Range SG	0.14	mg/L	0.076	0.038	1	09/27/12 09:30	09/28/12 09:56		
Motor Oil Range SG	0.22J	mg/L	0.38	0.19	1	09/27/12 09:30	09/28/12 09:56	64742-65-0	
Surrogates									
n-Octacosane (S) SG	98	%	50-150		1	09/27/12 09:30	09/28/12 09:56	630-02-4	
o-Terphenyl (S) SG	84	%	50-150		1	09/27/12 09:30	09/28/12 09:56	84-15-1	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	6.2	mg/L	0.020	0.0045	2	09/26/12 10:18	09/28/12 09:41	7440-38-2	D4
Cadmium	0.14	mg/L	0.0050	0.00042	1	09/26/12 10:18	09/28/12 09:08	7440-43-9	
Lead	0.031	mg/L	0.010	0.0019	1	09/26/12 10:18	09/28/12 09:08	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

Sample: SW-SW-4-092012									
		Lab ID: 2513623002	Collected: 09/20/12 08:20		Received: 09/20/12 11:20		Matrix: Water		
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved (LF)									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic, Dissolved	5.7	mg/L	0.040	0.0045	2	09/27/12 10:00	09/28/12 10:28	7440-38-2	B,D4
Cadmium, Dissolved	0.12	mg/L	0.0050	0.00042	1	09/27/12 10:00	09/28/12 10:13	7440-43-9	
Lead, Dissolved	0.0072J	mg/L	0.010	0.0019	1	09/27/12 10:00	09/28/12 10:13	7439-92-1	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	<0.000010	mg/L	0.00020	0.000010	1	09/27/12 14:39	09/28/12 09:23	7439-97-6	
7470 Mercury, Dissolved (LF)									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury, Dissolved	<0.000010	mg/L	0.00020	0.000010	1	09/27/12 14:39	09/28/12 09:40	7439-97-6	
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics <i>Surrogates</i>	<25.0	ug/L	50.0	25.0	1		09/27/12 21:22		
4-Bromofluorobenzene (S)	104	%	50-150		1		09/27/12 21:22	460-00-4	

Sample: Trip Blank 1									
		Lab ID: 2513623003	Collected: 09/20/12 00:00		Received: 09/20/12 11:20		Matrix: Water		
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx MSV									
Analytical Method: NWTPH-Gx									
Gasoline Range Organics <i>Surrogates</i>	<25.0	ug/L	50.0	25.0	1		09/27/12 18:20		
4-Bromofluorobenzene (S)	104	%	50-150		1		09/27/12 18:20	460-00-4	

Sample: SSMW-3S									
		Lab ID: 2513623004	Collected: 09/13/12 10:50		Received: 09/20/12 11:20		Matrix: Solid		
Results reported on a "dry-weight" basis									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	18.2	%	0.10	0.10	1		10/03/12 12:01		
Total Organic Carbon Quad									
Analytical Method: EPA 9060									
Total Organic Carbon	1250	mg/kg	735	89.9	1		10/11/12 11:11	7440-44-0	
Total Organic Carbon	967	mg/kg	732	89.5	1		10/11/12 11:25	7440-44-0	
Total Organic Carbon	1100	mg/kg	733	89.7	1		10/11/12 11:36	7440-44-0	
Total Organic Carbon	1020	mg/kg	732	89.5	1		10/11/12 11:49	7440-44-0	
Mean Total Organic Carbon	1080	mg/kg	733	89.6	1		10/11/12 11:49	7440-44-0	2n

ANALYTICAL RESULTS

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

Sample: SSMW-3C **Lab ID: 2513623005** Collected: 09/13/12 10:10 Received: 09/20/12 11:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	24.3	%	0.10	0.10	1		10/03/12 12:01		
Total Organic Carbon Quad Analytical Method: EPA 9060									
Total Organic Carbon	2650	mg/kg	1520	186	1		10/10/12 20:21	7440-44-0	
Total Organic Carbon	2350	mg/kg	1450	178	1		10/10/12 20:32	7440-44-0	
Total Organic Carbon	2290	mg/kg	1410	172	1		10/10/12 20:43	7440-44-0	
Total Organic Carbon	2750	mg/kg	1490	182	1		10/10/12 20:55	7440-44-0	
Mean Total Organic Carbon	2510	mg/kg	1470	180	1		10/10/12 20:55	7440-44-0	6n

Sample: SSMW-6S **Lab ID: 2513623006** Collected: 09/14/12 11:15 Received: 09/20/12 11:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	21.9	%	0.10	0.10	1		10/03/12 12:01		
Total Organic Carbon Quad Analytical Method: EPA 9060									
Total Organic Carbon	562J	mg/kg	768	93.9	1		10/11/12 13:39	7440-44-0	
Total Organic Carbon	635J	mg/kg	768	93.9	1		10/11/12 13:49	7440-44-0	
Total Organic Carbon	660J	mg/kg	773	94.5	1		10/11/12 13:59	7440-44-0	
Total Organic Carbon	671J	mg/kg	766	93.7	1		10/11/12 14:10	7440-44-0	
Mean Total Organic Carbon	632J	mg/kg	769	94.0	1		10/11/12 14:10	7440-44-0	4n

Sample: SSMW-6C **Lab ID: 2513623007** Collected: 09/14/12 10:50 Received: 09/20/12 11:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	27.3	%	0.10	0.10	1		10/03/12 12:01		
Total Organic Carbon Quad Analytical Method: EPA 9060									
Total Organic Carbon	3170	mg/kg	1610	197	1		10/11/12 10:21	7440-44-0	
Total Organic Carbon	3720	mg/kg	1600	195	1		10/11/12 10:32	7440-44-0	
Total Organic Carbon	2930	mg/kg	1540	188	1		10/11/12 10:45	7440-44-0	
Total Organic Carbon	3410	mg/kg	1500	184	1		10/11/12 10:56	7440-44-0	
Mean Total Organic Carbon	3310	mg/kg	1560	191	1		10/11/12 10:56	7440-44-0	1n

ANALYTICAL RESULTS

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

Sample: SSMW-4S **Lab ID: 2513623008** Collected: 09/12/12 09:45 Received: 09/20/12 11:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.4	%	0.10	0.10	1		10/03/12 12:02		
Total Organic Carbon Quad		Analytical Method: EPA 9060							
Total Organic Carbon	1130	mg/kg	753	92.1	1		10/11/12 09:39	7440-44-0	
Total Organic Carbon	1150	mg/kg	753	92.1	1		10/11/12 09:50	7440-44-0	
Total Organic Carbon	961	mg/kg	754	92.1	1		10/11/12 10:00	7440-44-0	
Total Organic Carbon	1100	mg/kg	755	92.3	1		10/11/12 10:10	7440-44-0	
Mean Total Organic Carbon	1090	mg/kg	754	92.2	1		10/11/12 10:10	7440-44-0	5n,H1

Sample: SSMW-4C **Lab ID: 2513623009** Collected: 09/12/12 09:38 Received: 09/20/12 11:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	31.6	%	0.10	0.10	1		10/03/12 12:02		
Total Organic Carbon Quad		Analytical Method: EPA 9060							
Total Organic Carbon	9600	mg/kg	1280	157	1		10/10/12 17:12	7440-44-0	
Total Organic Carbon	10900	mg/kg	1270	155	1		10/10/12 17:25	7440-44-0	
Total Organic Carbon	11100	mg/kg	1300	159	1		10/10/12 17:37	7440-44-0	
Total Organic Carbon	11100	mg/kg	1270	156	1		10/10/12 17:48	7440-44-0	
Mean Total Organic Carbon	10700	mg/kg	1280	157	1		10/10/12 17:48	7440-44-0	3n

QUALITY CONTROL DATA

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

QC Batch: MERP/1784 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
 Associated Lab Samples: 2513623001, 2513623002

METHOD BLANK: 131990 Matrix: Water

Associated Lab Samples: 2513623001, 2513623002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	<0.000010	0.00020	09/28/12 08:50	

LABORATORY CONTROL SAMPLE: 131991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 131992 131993

Parameter	Units	2513568001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	<0.010 ug/L	.005	.005	0.0051	0.0051	101	101	75-125	.03	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 131994 131995

Parameter	Units	2513623002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	<0.000010	.005	.005	0.0050	0.0049	99	98	75-125	1	20	

QUALITY CONTROL DATA

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

QC Batch: MERP/1785 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
 Associated Lab Samples: 2513623001, 2513623002

METHOD BLANK: 131996 Matrix: Water

Associated Lab Samples: 2513623001, 2513623002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	<0.000010	0.00020	09/28/12 09:29	

LABORATORY CONTROL SAMPLE: 131997

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0049	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 131998 131999

Parameter	Units	2513623002		131998		131999		% Rec Limits	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
Mercury, Dissolved	mg/L	<0.000010	.005	.005	0.0050	0.0049	99	98	75-125	.7	20

QUALITY CONTROL DATA

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

QC Batch:	MPRP/3392	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET
Associated Lab Samples:	2513623001, 2513623002		

METHOD BLANK: 131828 Matrix: Water

Associated Lab Samples: 2513623001, 2513623002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0022	0.010	09/28/12 08:54	
Cadmium	mg/L	<0.00042	0.0050	09/28/12 08:54	
Lead	mg/L	<0.0019	0.010	09/28/12 08:54	

LABORATORY CONTROL SAMPLE: 131829

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.49	99	80-120	
Cadmium	mg/L	.5	0.50	100	80-120	
Lead	mg/L	.5	0.51	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 131830 131831

Parameter	Units	2513623002		MS		MSD		% Rec		Max		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Arsenic	mg/L	6.2	.5	.5	6.6	6.8	78	133	75-125	4	20	M1
Cadmium	mg/L	0.14	.5	.5	0.69	0.63	110	97	75-125	10	20	
Lead	mg/L	0.031	.5	.5	0.59	0.54	112	101	75-125	9	20	

QUALITY CONTROL DATA

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

QC Batch: MPRP/3401 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
 Associated Lab Samples: 2513623001, 2513623002

METHOD BLANK: 131974 Matrix: Water

Associated Lab Samples: 2513623001, 2513623002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	0.0040J	0.020	09/28/12 10:03	
Cadmium, Dissolved	mg/L	<0.00042	0.0050	09/28/12 10:03	
Lead, Dissolved	mg/L	<0.0019	0.010	09/28/12 10:03	

LABORATORY CONTROL SAMPLE: 131975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.5	0.51	102	80-120	
Cadmium, Dissolved	mg/L	.5	0.50	101	80-120	
Lead, Dissolved	mg/L	.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 131976 131977

Parameter	Units	2513623002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Arsenic, Dissolved	mg/L	5.7	.5	.5	6.0	6.3	69	131	75-125	5	20	M1
Cadmium, Dissolved	mg/L	0.12	.5	.5	0.62	0.65	101	107	75-125	4	20	
Lead, Dissolved	mg/L	0.0072J	.5	.5	0.52	0.54	102	107	75-125	5	20	

QUALITY CONTROL DATA

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

QC Batch: MSV/7833 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx MSV Water
 Associated Lab Samples: 2513623001, 2513623002, 2513623003

METHOD BLANK: 132054 Matrix: Water

Associated Lab Samples: 2513623001, 2513623002, 2513623003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	<25.0	50.0	09/27/12 17:44	
4-Bromofluorobenzene (S)	%	104	50-150	09/27/12 17:44	

LABORATORY CONTROL SAMPLE: 132055

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	500	481	96	65-139	
4-Bromofluorobenzene (S)	%			100	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 132187 132188

Parameter	Units	2513623002		MS		MSD		% Rec Limits	RPD	Max RPD	Qual	
		Result	Spike Conc.	Result	Spike Conc.	% Rec	% Rec					
Gasoline Range Organics	ug/L	<25.0	500	500	510	481	102	96	48-147	6	30	
4-Bromofluorobenzene (S)	%						101	102	50-150			

QUALITY CONTROL DATA

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

QC Batch: OEXT/6135 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA 3510 Analysis Description: NWTPH-Dx GCS SG
 Associated Lab Samples: 2513623001, 2513623002

METHOD BLANK: 131961 Matrix: Water

Associated Lab Samples: 2513623001, 2513623002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	<0.040	0.080	09/28/12 01:10	
Motor Oil Range SG	mg/L	<0.20	0.40	09/28/12 01:10	
n-Octacosane (S) SG	%	100	50-150	09/28/12 01:10	
o-Terphenyl (S) SG	%	86	50-150	09/28/12 01:10	

LABORATORY CONTROL SAMPLE: 131962

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range SG	mg/L	4	3.7	92	59-114	
Motor Oil Range SG	mg/L	4	3.9	97	69-124	
n-Octacosane (S) SG	%			87	50-150	
o-Terphenyl (S) SG	%			71	50-150	

SAMPLE DUPLICATE: 131963

Parameter	Units	2513623002 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/L	0.14	<0.038			39
Motor Oil Range SG	mg/L	0.22J	<0.19			38
n-Octacosane (S) SG	%	98	99	2		
o-Terphenyl (S) SG	%	84	86	3		

QUALITY CONTROL DATA

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

QC Batch: PMST/7656

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 2513623004, 2513623005, 2513623006, 2513623007, 2513623008, 2513623009

SAMPLE DUPLICATE: 685634

Parameter	Units	4067816008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%		18.1			

QUALITY CONTROL DATA

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

QC Batch: WETA/14547 Analysis Method: EPA 9060
 QC Batch Method: EPA 9060 Analysis Description: 9060 TOC Average
 Associated Lab Samples: 2513623004, 2513623005, 2513623006, 2513623007, 2513623008, 2513623009

LABORATORY CONTROL SAMPLE: 690079

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/kg	120000	119000	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 690080 690081

Parameter	Units	2513623004		690080		690081		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec				
Mean Total Organic Carbon	mg/kg	1080	7320	7340	7730	7480	91	87	50-150	3	30

QUALIFIERS

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

PASI-S Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

1n 10.2% RSD

2n 11.5% RSD

3n 6.91% RSD

4n 7.79% RSD

5n 7.92% RSD

6n 8.92% RSD

B Analyte was detected in the associated method blank.

D4 Sample was diluted due to the presence of high levels of target analytes.

H1 Analysis conducted outside the recognized method holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon - R1 Phase III

Pace Project No.: 2513623

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2513623001	SW-SW-3-092012	EPA 3510	OEXT/6135	NWTPH-Dx	GCSV/3860
2513623002	SW-SW-4-092012	EPA 3510	OEXT/6135	NWTPH-Dx	GCSV/3860
2513623001	SW-SW-3-092012	EPA 3010	MPRP/3392	EPA 6010	ICP/3129
2513623002	SW-SW-4-092012	EPA 3010	MPRP/3392	EPA 6010	ICP/3129
2513623001	SW-SW-3-092012	EPA 3010	MPRP/3401	EPA 6010	ICP/3138
2513623002	SW-SW-4-092012	EPA 3010	MPRP/3401	EPA 6010	ICP/3138
2513623001	SW-SW-3-092012	EPA 7470	MERP/1784	EPA 7470	MERC/1796
2513623002	SW-SW-4-092012	EPA 7470	MERP/1784	EPA 7470	MERC/1796
2513623001	SW-SW-3-092012	EPA 7470	MERP/1785	EPA 7470	MERC/1797
2513623002	SW-SW-4-092012	EPA 7470	MERP/1785	EPA 7470	MERC/1797
2513623001	SW-SW-3-092012	NWTPH-Gx	MSV/7833		
2513623002	SW-SW-4-092012	NWTPH-Gx	MSV/7833		
2513623003	Trip Blank 1	NWTPH-Gx	MSV/7833		
2513623004	SSMW-3S	ASTM D2974-87	PMST/7656		
2513623005	SSMW-3C	ASTM D2974-87	PMST/7656		
2513623006	SSMW-6S	ASTM D2974-87	PMST/7656		
2513623007	SSMW-6C	ASTM D2974-87	PMST/7656		
2513623008	SSMW-4S	ASTM D2974-87	PMST/7656		
2513623009	SSMW-4C	ASTM D2974-87	PMST/7656		
2513623004	SSMW-3S	EPA 9060	WETA/14547		
2513623004	SSMW-3S	EPA 9060	WETA/14548		
2513623005	SSMW-3C	EPA 9060	WETA/14547		
2513623005	SSMW-3C	EPA 9060	WETA/14548		
2513623006	SSMW-6S	EPA 9060	WETA/14547		
2513623006	SSMW-6S	EPA 9060	WETA/14548		
2513623007	SSMW-6C	EPA 9060	WETA/14547		
2513623007	SSMW-6C	EPA 9060	WETA/14548		
2513623008	SSMW-4S	EPA 9060	WETA/14547		
2513623008	SSMW-4S	EPA 9060	WETA/14548		
2513623009	SSMW-4C	EPA 9060	WETA/14547		
2513623009	SSMW-4C	EPA 9060	WETA/14548		

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 1	
Company: Pioneer Technologies Corp		Report To: Stacy Munson		Attention: Jeff King		1648440	
Address: 5205 Corporate Dr. Ct. SE Sta. A Lacey WA 98503		Copy To: Jeff King		Company Name: PERC		REGULATORY AGENCY	
Email To: Munsons@uspioneer.com		Purchase Order No.:		Address:		<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Phone: 360-570-1700 Fax:		Project Name: Superlon - R1 Phase III		Pace Quote Reference:		Site Location: WA	
Requested Due Date/TAT: Standard		Project Number:		Pace Project Manager: Karen Tang		STATE: WA	
				Pace Profile #:			

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G-GRAB C-COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test ↓	Y	N	Y	N	Y	N	Y	N	Y	N			
					DATE	TIME	DATE	TIME																								
1	SW-SW-3-092012	WT			9/20/12	8:00a		6	1									X	X	X	X	X	X	X	X							
2	SW-SW-4-092012	WT			9/20/12	8:20a		9	1									X	X	X	X	X	X	X	X		QA/QC Vol included Cx only					
3	Trip Blank 1	WT						4	2																							
4	SSMW-3S	SL			9/13/12	10:50		1	1																							
5	SSMW-3C	SL			9/13/12	10:10		1	1																							
6	SSMW-6S	SL			9/14/12	11:15		1	1																							
7	SSMW-6C	SL			9/14/12	10:50		1	1																							
8	SSMW-4S	SL			9/12/12	9:45		1	1																							
9	SSMW-4C	SL			9/12/12	9:38		1	1																							
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	Stacy Munson	9/20/12	1030	Bill K Pace	9/26/12	1030			
	Bill K Pace	9/20/12	1120	Collette Weiser/PACE	11/20/12	1120	3.0	Y	Y

ORIGINAL	SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	PRINT Name of SAMPLER:	Stacy Munson + Jeff King				
	SIGNATURE of SAMPLER:	[Signature]				
	DATE Signed (MM/DD/YY):	9/20/12				

Sample Container Count

25 13623



CLIENT: Perc

COC PAGE 1 of 1
COC ID# 1648440

Trip Blank(s) Provided?
(Y) / N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG	BP2N	JGFU	Comments
1	3	1 ²			1											1 ²		
2	5	2 ²			1											1 ²		
3																	1	
4																	1	
5																	1	
6																	1	
7																	1	
8																	1	
9																		
10																		
11																		
12																		

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFU	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	I	Wipe/Swab	U	Summa Can



Sample Condition Upon Receipt

2513623

Client Name: Perc

Project # _____

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags None Other _____ Temp. Blank Yes No

Thermometer Used 132013 or 101731962 or 226099 Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 3.0c Biological Tissue is Frozen: Yes No Date and Initials of person examining contents: 09/20/12 CW

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Follow Up / Hold Analysis Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
-Includes date/time/ID/Analysis Matrix:		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>Rec'd the 11 amber for Siv-Siv-3-09/20/12 with a pH 6</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions <u>VOA</u> /coliform, TOC, O&G	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blanks Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Creation Date:	<u>082712</u>	

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: Stacy Munson Date/Time: 09/20/12 14:43

Comments/ Resolution: Per Stacy NUTPH-Dx w/ silica gel clean up.

Project Manager Review: Karen Jang Date: 09/20/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Memo



5205 Corporate Ctr. Ct. SE, Ste. A
Olympia, WA 98503-5901

Phone: 360.570.1700

Fax: 360.570.1777

www.uspioneer.com

To: Pacific Environmental and Redevelopment Corporation (PERC)
From: Kara Roberts
Date: April 8, 2013
Project: Superlon
Subject: Chemical Data Quality Review for Sample Delivery Group 10218920
Sample Date(s): January 28, 2013 through January 30, 2013

This review summarizes the data quality of analytical results generated in support of the January 28, 2013 through January 30, 2013 Remedial Investigation Workplan sampling event for the Superlon Plastics Site in Tacoma, Washington. This review summarizes the data quality in sample delivery group 10218920.

The review is intended to assess the primary elements of data quality: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The data quality review includes evaluation of chain-of-custodies, holding times, sample blanks, sample duplicates, matrix spike (and duplicates), surrogate recoveries, and laboratory control samples. This review is limited to quality control provided by the lab. Raw data, chromatograms, and calibrations were not evaluated in this review.

The analytical data in this sample delivery group were evaluated using the criteria presented in:

1. Pacific Environmental and Redevelopment Corporation (PERC). 2010. Sample and Analytical Plan & Quality Assurance Project Plan for the Superlon Plastics Site (SAP & QAPP). Tacoma, Washington. February 22, 2010. Rev 3, September 2012.
2. United States Environmental Protection Agency. 2004. National Functional Guidelines for Inorganic Data Review. October 2004.
3. United States Environmental Protection Agency. 1999. National Functional Guidelines for Organic Data Review. October 1999.

The review is arranged by data quality elements (PARCCS), and will focus on situations in which data were impacted by a quality control measure.

Sincerely,

Kara Roberts

Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 10218920



Delivery Group Summary

Thirty-two groundwater samples, six equipment blanks, four field groundwater duplicates, and one trip blank were collected by Pacific Environmental Redevelopment Corporation (PERC) on January 28, 2013 through January 30, 2013. Samples were relinquished to a Pace representative on-site and shipped by courier to Pace Analytical Laboratories, in Minneapolis, Minnesota and Billings, Montana on January 30th, 2013. Samples were analyzed for total and dissolved metals (arsenic, cadmium, lead), total and dissolved mercury, diesel range organics, gasoline range organics, semivolatile organic compounds (pentachlorophenol only), volatile organic compounds (VOCs), total dissolved solids, specific conductance, and salinity by methods 6020, 7470, NWTPH-Dx, NWTPH-Gx, 8270, 8260, 2540C, 2510B, and a calculated method, respectively.

The key data evaluation findings include the following:

- Total and dissolved metal results by method 6020 – 46.0% of the results were qualified.
- Total and dissolved mercury results by method 7470 – 8.3% of the results were qualified.
- Pentachlorophenol results by method 8270 – None of the results were qualified.
- VOC results by method 8260 – None of the results were qualified.
- Diesel range organic results by method NWTPH-Dx – 27.8% of the results were qualified.
- Gasoline range organic results by method NWTPH-Gx – None of the results were qualified.
- Total dissolved solid results by method 2540C – 84.6% of the results were qualified.
- Specific conductance results by method 2510B – 46.2% of the results were qualified.
- Salinity results using a calculated method – 69.2% of the results were qualified.

Qualifier Definitions

The following qualifiers may be used in this review:

Qualifier	Description
B	The analyte was detected in the associated method or trip blank.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte could not be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Media, Number of Samples Analyzed, and Methods:		
Collected by the Field Crew		Provided by the Laboratory
Groundwater = 32 Samples (4 Field Duplicates)	Equipment Blank = 6 Samples	Trip Blank (Groundwater) = 1 Sample
6020 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 8270 Pentachlorophenol Only 8260 VOCs NWTPH-Gx NWTPH-Dx 7470 Total Mercury 7470 Dissolved Mercury 2540C Total Dissolved Solids 2510B Specific Conductance Calculated Salinity	6020 Total Metals (As, Pb, Cd) 6010 Dissolved Metals (As, Pb, Cd) 8270 Pentachlorophenol Only 8260 VOCs NWTPH-Gx NWTPH-Dx 7470 Total Mercury 7470 Dissolved Mercury 2540C Total Dissolved Solids 2510B Specific Conductance Calculated Salinity	NWTPH-Gx 8260 VOCs

Representativeness

Holding Time:

Criteria Used to Qualify Data Associated with Holding Times:

- 1) Holding Times for Soil Samples:
 - a. Due to limited information concerning holding times for soil samples, it is left to the discretion of the reviewer to apply water holding time criteria to soil samples.
- 2) Holding Times for Water Samples:
 - a. If holding times exceed:
 - i. Positive results are flagged as estimated (J).
 - ii. Negative results are flagged with the sample quantitation limit as estimated (UJ).
 - b. If holding times grossly exceed upon first analysis or re-analysis:
 - i. Positive results are flagged as estimated (J or UJ).
 - ii. Negative results are flagged as unusable (R).

Action: The following sample results exceeded holding times and were qualified based on the criteria above:

Field ID	Lab ID	Analytes/ Methods	Date Collected	Date Prepared	Date Analyzed	HT	Number of Days Past HT	Comment
GW-MW-6I-012813	10218920001	Total	1/28/13	Not	2/5/13	7 Days	1	Holding time exceeded EPA requirements (holding time for analyte was not specified in SAP/QAPP). Result was qualified based on criteria 2a.
EB-PUMP-1-012813	10218920003	Dissolved		Applicable				
GW-MW-4I-012813	10218920015	Solids						
GW-MW-5I-012813	10218920021							



Surrogates:

Criteria Used to Qualify Data Associated with Surrogate Recoveries:

- 1) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than the upper acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are not flagged.
- 2) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction) or one surrogate in the volatile fraction have a recovery greater than or equal to 10% but less than the lower acceptance limit:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged with the sample quantitation limit as approximated (UJ).
- 3) If at least two surrogates in either semivolatile fraction (i.e. base/neutral or acid fraction); one with a recovery greater than the upper acceptance limit and one with a recovery greater than or equal to 10% but less than the lower acceptance limit, qualify as described in criteria 2 above.
- 4) If any surrogate in a fraction shows less than 10% recovery:
 - a. Specify the fraction that is being qualified (i.e. acid, base/neutral, or both)
 - b. Positive results for that fraction are flagged as estimated (J).
 - c. Negative results for that fraction are flagged as unusable (R).

Action: The following sample results exceeded control limits for surrogate recoveries and were qualified based on the criteria above:

Field ID	Lab ID	Surrogate	% Rec	QC Limit	Bias	Type of Fraction	Analytes/Methods Associated with Surrogate	Comment
GW-MW-6-012813	10218920023	2,4,6-Tribromophenol	34	42-127	Low	Semivolatile Acid Surrogate	8270 Pentachlorophenol	Associated results were not qualified since only one surrogate in the semivolatile fraction was outside QC limits and the recovery was greater than 10%.
Not Applicable	1372646/1372647	n-Pentacosane	48/49	50-150	Low	N/A	NWTPH-Dx	Results were not qualified since the surrogate recovery that exceeded QC Limits was observed in a laboratory QA/QC sample and not on a field sample.



Representativeness

Blanks:

As specified in the SAP & QAPP, method, equipment, and trip blanks were prepared and analyzed at the required frequency. All samples were transported via 12 coolers with one of the twelve coolers containing the volatile samples and the trip blank.

The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit	
EB-PUMP-1-012813	Equipment Blank	GW-MW-6I-012813	10218920001	Arsenic	0.0028	mg/L	
		GW-MW-6I-012813-(20)	10218920002	Lead	0.0029		
		GW-MW-4-012813	10218920013	Salinity	6.2		
		GW-MW-4-012813-(20)	10218920014	Total Dissolved Solids	14.0		
		GW-MW-4I-012813	10218920015				
		GW-MW-4I-012813-(20)	10218920016				
		GW-MW-5-012813	10218920017				
		GW-MW-5-012813-(20)	10218920018				
		GW-MW-5-012813-(01)	10218920019				
		GW-MW-5-012813-(21)	10218920020				
		GW-MW-5I-012813	10218920021				
		GW-MW-5I-012813-(20)	10218920022				
		GW-MW-6-012813	10218920023				
		GW-MW-6-012813-(20)	10218920024				
EB-PUMP-1-012813-(20)	Equipment Blank	GW-MW-6I-012813	10218920001	Arsenic, Dissolved	0.0022		
		GW-MW-6I-012813-(20)	10218920002	Lead, Dissolved	0.0010		
		GW-MW-4-012813	10218920013				
		GW-MW-4-012813-(20)	10218920014				
		GW-MW-4I-012813	10218920015				
		GW-MW-4I-012813-(20)	10218920016				
		GW-MW-5-012813	10218920017				
		GW-MW-5-012813-(20)	10218920018				
		GW-MW-5-012813-(01)	10218920019				
		GW-MW-5-012813-(21)	10218920020				
		GW-MW-5I-012813	10218920021				
		GW-MW-5I-012813-(20)	10218920022				
		GW-MW-6-012813	10218920023				
		GW-MW-6-012813-(20)	10218920024				



The following analytes were detected in the method or trip blanks:						
Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
EB-PUMP-1-012913	Equipment Blank	GW-MW-7-012913	10218920005	Arsenic	0.00084	mg/L
		GW-MW-7-012913-(20)	10218920006	Lead	0.00078	
		GW-MW-7I-012913	10218920007	Specific Conductance	28.4	umhos/cm
		GW-MW-7I-012913-(20)	10218920008	Salinity	18.2	mg/L
		GW-MW-7I-012913-(01)	10218920009	Total Dissolved Solids	32.0	
		GW-MW-7I-012913-(21)	10218920010			
		GW-MW-2-012913	10218920011			
		GW-MW-2-012913-(20)	10218920012			
		GW-MW-2I-012913	10218920025			
		GW-MW-2I-012913-(20)	10218920026			
		GW-MW-1-012913	10218920027			
		GW-MW-1-012913-(20)	10218920028			
		GW-MW-1I-012913	10218920029			
		GW-MW-1I-012913-(20)	10218920030			
		EB-PUMP-1-012913-(20)	Equipment Blank	GW-MW-7-012913	10218920005	Arsenic, Dissolved
GW-MW-7-012913-(20)	10218920006			Lead, Dissolved	0.00038	
GW-MW-7I-012913	10218920007					
GW-MW-7I-012913-(20)	10218920008					
GW-MW-7I-012913-(01)	10218920009					
GW-MW-7I-012913-(21)	10218920010					
GW-MW-2-012913	10218920011					
GW-MW-2-012913-(20)	10218920012					
GW-MW-2I-012913	10218920025					
GW-MW-2I-012913-(20)	10218920026					
GW-MW-1-012913	10218920027					
GW-MW-1-012913-(20)	10218920028					
GW-MW-1I-012913	10218920029					
GW-MW-1I-012913-(20)	10218920030					
EB-PUMP-1-013013	Equipment Blank	GW-MW-3-013013	10218920033	Arsenic	0.0095	mg/L
		GW-MW-3-013013-(20)	10218920034	Lead	0.0032	
		GW-MW-3I-013013	10218920035	Specific Conductance	13.2	umhos/cm
		GW-MW-3I-013013-(20)	10218920036	Salinity	8.4	mg/L
		GW-MW-8I-013013	10218920037	Total Dissolved Solids	48.0	
		GW-MW-8I-013013-(20)	10218920038			
		GW-MW-8-013013	10218920039			
		GW-MW-8-013013-(20)	10218920040			



The following analytes were detected in the method or trip blanks:

Blank ID	Blank Type	Associated Samples Field ID	Associated Samples Lab ID	Analyte	Result	Unit
EB-PUMP-1-013013-(20)	Equipment Blank	GW-MW-3-013013	10218920033	Arsenic, Dissolved	0.0088	mg/L
		GW-MW-3-013013-(20)	10218920034	Lead, Dissolved	0.0040	
		GW-MW-3I-013013	10218920035			
		GW-MW-3I-013013-(20)	10218920036			
		GW-MW-8I-013013	10218920037			
		GW-MW-8I-013013-(20)	10218920038			
		GW-MW-8-013013	10218920039			
		GW-MW-8-013013-(20)	10218920040			

Criteria Used to Qualify Data Associated with Blanks:

1. If an analyte is found in a blank but not found in the sample, no action is taken.
2. In the instance where more than one blank is associated with a given sample, qualification should be based upon a comparison with the associated blank having the higher concentration.
3. Any analyte (other than the five listed below) detected in the sample, which was also detected in any associated blank, must be qualified when the sample concentration is less than or equal to five times the blank concentration (5x Rule). For the following five analytes (common volatile laboratory contaminants), the results are qualified by elevating the limit of detection when the sample concentration is less than or equal to 10 times the blank concentration (10x Rule).
 - a. Methylene chloride
 - b. Acetone
 - c. 2-butanone
 - d. Cyclohexane
 - e. Common phthalate contaminants
4. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and greater than the detection limit, the result is flagged as nondetected (UB).
5. If the sample concentration is less than or equal to the corresponding 5x or 10x Rule and are less than the detection limit, the result is flagged as nondetected (UB) at the detection limit.
6. If the sample concentration is greater than the respective 5x or 10x Rule, the result is flagged with a B to indicate that the analyte was detected in the associated blank.



Action: The following sample results were qualified due to the evaluation of blanks:			
Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Arsenic		
GW-MW-6I-012813	10218920001	EB-PUMP-1-012813	Equipment Blank
GW-MW-5-012813-(01)	10218920019		
GW-MW-5I-012813	10218920021		
GW-MW-6-012813	10218920023		
GW-MW-4-012813	10218920013		
GW-MW-4I-012813	10218920015		
GW-MW-5-012813	10218920017		
GW-MW-7-012913	10218920005	EB-PUMP-1-012913	Equipment Blank
GW-MW-7I-012913	10218920007		
GW-MW-7I-012913-(01)	10218920009		
GW-MW-2-012913	10218920011		
GW-MW-2I-012913	10218920025		
GW-MW-1-012913	10218920027		
GW-MW-1I-012913	10218920029		
GW-MW-3-013013	10218920033	EB-PUMP-1-013013	Equipment Blank
GW-MW-3I-013013	10218920035		
GW-MW-8I-013013	10218920037		
GW-MW-8-013013	10218920039		
Analyte:	Arsenic, Dissolved		
GW-MW-7-012913-(20)	10218920006	EB-PUMP-1-012913-(20)	Equipment Blank
GW-MW-7I-012913-(20)	10218920008		
GW-MW-7I-012913-(21)	10218920010		
GW-MW-2-012913-(20)	10218920012		
GW-MW-2I-012913-(20)	10218920026		
GW-MW-1-012913-(20)	10218920028		
GW-MW-1I-012913-(20)	10218920030		
GW-MW-6I-012813-(20)	10218920002	EB-PUMP-1-012813-(20)	Equipment Blank
GW-MW-4-012813-(20)	10218920014		
GW-MW-4I-012813-(20)	10218920016		
GW-MW-5-012813-(20)	10218920018		
GW-MW-5-012813-(21)	10218920020		
GW-MW-5I-012813-(20)	10218920022		
GW-MW-6-012813-(20)	10218920024		



Action: The following sample results were qualified due to the evaluation of blanks:			
Field ID	Lab ID	Blank ID	Associated Blank Type/Comment
Analyte:	Arsenic, Dissolved (continued)		
GW-MW-3-013013-(20)	10218920034	EB-PUMP-1-013013-(20)	Equipment Blank
GW-MW-8-013013-(20)	10218920040		
GW-MW-3I-013013-(20)	10218920036		
GW-MW-8I-013013-(20)	10218920038		
Analyte:	Lead		
GW-MW-6I-012813	10218920001	EB-PUMP-1-012813	Equipment Blank
GW-MW-5-012813-(01)	10218920019		
GW-MW-5I-012813	10218920021		
GW-MW-6-012813	10218920023		
GW-MW-4-012813	10218920013		
GW-MW-4I-012813	10218920015		
GW-MW-5-012813	10218920017		
GW-MW-7-012913	10218920005	EB-PUMP-1-012913	Equipment Blank
GW-MW-7I-012913	10218920007		
GW-MW-7I-012913-(01)	10218920009		
GW-MW-2-012913	10218920011		
GW-MW-2I-012913	10218920025		
GW-MW-1-012913	10218920027		
GW-MW-1I-012913	10218920029		
GW-MW-3-013013	10218920033	EB-PUMP-1-013013	Equipment Blank
GW-MW-3I-013013	10218920035		
GW-MW-8I-013013	10218920037		
GW-MW-8-013013	10218920039		
Analyte:	Lead, Dissolved		
GW-MW-5I-012813-(20)	10218920022	EB-PUMP-1-012813-(20)	Equipment Blank
GW-MW-6-012813-(20)	10218920024		
GW-MW-3-013013-(20)	10218920034	EB-PUMP-1-013013-(20)	Equipment Blank
GW-MW-3I-013013-(20)	10218920036		
Analyte:	Salinity		
GW-MW-6I-012813	10218920001	EB-PUMP-1-012813	Equipment Blank
GW-MW-5I-012813	10218920021		
GW-MW-4I-012813	10218920015		



Action: The following sample results were qualified due to the evaluation of blanks:				
Field ID	Lab ID	Blank ID	Associated Blank Type/Comment	
Analyte:	Salinity (continued)			
GW-MW-7I-012913	10218920007	EB-PUMP-1-012913	Equipment Blank	
GW-MW-7I-012913-(01)	10218920009			
GW-MW-2I-012913	10218920025			
GW-MW-1I-012913	10218920029			
GW-MW-3I-013013	10218920035	EB-PUMP-1-013013	Equipment Blank	
GW-MW-8-013013	10218920039			
Analyte:	Specific Conductance			
GW-MW-7I-012913	10218920007	EB-PUMP-1-012913	Equipment Blank	
GW-MW-7I-012913-(01)	10218920009			
GW-MW-2I-012913	10218920025			
GW-MW-1I-012913	10218920029			
GW-MW-3I-013013	10218920035	EB-PUMP-1-013013	Equipment Blank	
GW-MW-8-013013	10218920039			
Analyte:	Total Dissolved Solids			
GW-MW-6I-012813	10218920001	EB-PUMP-1-012813	Equipment Blank	
GW-MW-4I-012813	10218920015			
GW-MW-5I-012813	10218920021			
GW-MW-7I-012913	10218920007	EB-PUMP-1-012913	Equipment Blank	
GW-MW-7I-012913-(01)	10218920009			
GW-MW-2I-012913	10218920025			
GW-MW-1I-012913	10218920029			
GW-MW-3I-013013	10218920035	EB-PUMP-1-013013	Equipment Blank	
GW-MW-8I-013013	10218920037			
GW-MW-8-013013	10218920039			

Accuracy/Precision

Matrix Spike/Matrix Spike Duplicates:

As specified in the SAP & QAPP, MS/MSDs were not prepared and analyzed at the required frequency of one every 10 samples for method 8270 and one with each extraction batch for method NWTPH-Dx.

Criteria Used to Qualify Data Associated with MS/MSD:

1. Organics:
 - a. No action is taken on MS/MSD data alone to qualify an entire case. However, using informed professional judgment the data reviewer may use the MS/MSD results in conjunction with other QC criteria and determine the need for some qualification of the data.
2. Inorganics



- a. Spike recovery must be within the limits of 75-125%. However, spike recovery limits do not apply when sample concentration exceeds the spike concentration by a factor of four or more.
- b. If the spike recovery is >125% and the reported sample results are < PQL, the data is acceptable for use.
- c. If the spike recovery is >125% or <75% and the sample results are > PQL, qualify the data for these samples as estimated (J).
- d. If the spike recovery falls within the range of 30-74% and the sample results are < PQL, qualify the data for these samples as estimated (UJ).
- e. If spike recovery results fall <30% and the sample results are < PQL, qualify the data for these samples as unusable (R).

Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RPD	Max RPD	Bias	Comment
EB-PUMP-1-013013-(20)	10218920042	1375695/ 1375696	Mercury, Dissolved	68/60	75- 125	12	20	Low	MS/MSD was outside QC limits and the result associated with the MS/MSD was qualified based on criteria 2d.
GW-MW-6-012813 GW-MW-3I-013013 GW-MW-8I-013013 GW-MW-8-013013 EB-PUMP-1-013013	10218920023 10218920035 10218920037 10218920039 10218920041	1371899/ 1371900	Arsenic	71/152	75- 125	3	20	Low/ High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.
GW-MW-3I-013013-(20) GW-MW-8I-013013-(20) EB-PUMP-1-013013-(20)	10218920036 10218920038 10218920042	1373638/ 1373639	Arsenic, Dissolved	92/316	75- 125	17	20	High	MS/MSD was outside QC limits; however, based on criteria 2a, no qualifiers were applied or changed since the sample concentration exceeded the spike concentration by a factor of four or more.



Action: The following samples exceeded control limits for the MS/MSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RPD	Max RPD	Bias	Comment
EB-PUMP-1-012813 GW-MW-7-012913 GW-MW-2-012913 GW-MW-4-012813 GW-MW-5-012813 GW-MW-5-012813-(01) GW-MW-6-012813 GW-MW-2I-012913 GW-MW-1-012913 GW-MW-1I-012913 EB-PUMP-1-012913 GW-MW-3-013013 GW-MW-3I-013013 GW-MW-8I-013013 GW-MW-8-013013 EB-PUMP-1-013013	10218920003 10218920005 10218920011 10218920013 10218920017 10218920019 10218920023 10218920025 10218920027 10218920029 10218920031 10218920033 10218920035 10218920037 10218920039 10218920041	1371803/ 1371804	Pentachlorophenol	49/33	40- 119	39	30	High/Low	MS/MSD was outside QC limits, however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.
GW-MW-6I-012813 EB-PUMP-1-012813 GW-MW-7-012913 GW-MW-7I-012913 GW-MW-4-012813 GW-MW-4I-012813 GW-MW-5-012813 GW-MW-5-012813-(01) GW-MW-5I-012813 GW-MW-6-012813	10218920001 10218920003 10218920005 10218920007 10218920013 10218920015 10218920017 10218920019 10218920021 10218920023	1372646/ 1372647	Diesel Fuel	49/47	61-98	4	30	Low	MS/MSD was outside QC limits, however, based on criteria 1a, no qualifiers were applied or changed since no action is taken based on organic MS/MSD data alone to qualify an entire case.

Accuracy

Laboratory Control Samples/Laboratory Control Sample Duplicates:

As specified in the SAP & QAPP, LCS/LCSDs were not prepared and analyzed at the required frequency of one every 20 samples for method 7470 and 6020, and one every 10 samples for method 8270.

Criteria Used to Qualify Data Associated with LCS/LCSD:

1. Organics

- a. If the LCS recovery is > than the upper control limit, then positive sample results for the affected analytes should be qualified as estimated (J).



- b. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated detected analytes should be qualified as estimated (J).
- c. If more than half of the analytes in the LCS are not within the required recovery criteria, then all of the associated nondetected analytes should be qualified as unusable (R). This criterion only applies if at least 10 analytes were analyzed in the LCS. If less than 10 analytes were analyzed in the LCS, then the associated nondetected analytes should be qualified as estimated (J).

2. Inorganics

a. Aqueous LCS:

- i. All aqueous LCS percent recoveries must fall within the control limits of 80-120%, except for Sb and Ag which have no fixed control limits.
- ii. If the LCS recovery for any analyte falls within the range of 50-79% or >120%, qualify results > PQL as estimated (J).
- iii. If results are < PQL and the LCS recovery >120%, the data are acceptable.
- iv. If results are < PQL and the LCS recovery falls within the range of 50-79%, qualify the data for the affected analytes as estimated (UJ).
- v. If LCS recovery results are <50%, qualify results > PQL as estimated (J).
- vi. If LCS recovery results are <50%, qualify results < PQL as unusable(R).
- vii. If LCS recovery results are >150%, qualify all results (both detects and nondetected) as unusable (R).

b. Solid LCS:

- i. If the LCS results are greater than the control limits and the sample results are > PQL, qualify the data as estimated (J).
- ii. If the LCS results are greater than the control limits and the sample results are < PQL, the data are acceptable.
- iii. If the LCS results are less than the control limits, qualify all sample results > PQL as estimated (J).
- iv. If the LCS results are lower than the control limits, qualify all samples results < PQL as estimated (UJ).

Action: The following sample results exceeded control limits for the LCS/LCSD and were qualified based on the criteria above:

Associated Field ID	Associated Lab ID	QC Sample	Analyte	% Rec	QC Limit	RPD	Max RPD	Bias	Comment
GW-MW-6I-012813	10218920001	1372645/	Diesel	58/52	61-98	12	20	Low	LCS/LCSD was outside QC limits and the results associated with the LCS/LCSD were qualified based on criteria 1c.
EB-PUMP-1-012813	10218920003	1372652	Fuel						
GW-MW-7-012913	10218920005								
GW-MW-7I-012913	10218920007								
GW-MW-4-012813	10218920013								
GW-MW-4I-012813	10218920015								
GW-MW-5-012813	10218920017								
GW-MW-5-012813-(01)	10218920019								
GW-MW-5I-012813	10218920021								
GW-MW-6-012813	10218920023								



Field Duplicates:

As specified in the SAP & QAPP, field duplicates were not prepared and analyzed at the required frequency of one every 10 samples for method 8260.

Criteria Used to Qualify Data Associated with Field Duplicates

1. Compare the results reported for each sample and calculate the relative percent difference (RPD). No data will be qualified based solely on field duplicate precision.
 - a. Aqueous Field Duplicates:
 - i. Field duplicate precision will be screened against a RPD of 35%.
 - b. Solid Field Duplicates:
 - i. Field duplicate precision will be screened against a RPD of 50%.

Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.

Analyte	Results		Units	RPD
	GW-MW-5-012813 (Lab ID – 10218920017)	GW-MW-5-012813-(01) (Lab ID – 10218920019)		
Arsenic	1.3	1.3	mg/L	0
Lead	0.00072	0.00075		4
Analyte	Results		Units	RPD
	GW-MW-5-012813-(20) (Lab ID – 10218920018)	GW-MW-5-012813-(21) (Lab ID – 1021892020)		
Arsenic, Dissolved	0.46	0.49	mg/L	6
<i>Action: The following sample results were observed. No action was taken based on the evaluation of field duplicates.</i>				
Analyte	Results		Units	RPD
	GW-MW-7I-012913 (Lab ID – 10218920007)	GW-MW-7I-012913-(01) (Lab ID – 10218920009)		
Salinity (as dissolved solids)	3610	3580	mg/L	1
Arsenic	0.0014	0.0014		0
Lead	0.00068	0.00068		0
Total Dissolved Solids	2910	2800		4
Specific Conductance	5640	5600	umhos/cm	1
Analyte	Results		Units	RPD
	GW-MW-7I-012913-(20) (Lab ID – 10218920008)	GW-MW-7I-012913-(21) (Lab ID – 10218920010)		
Arsenic, Dissolved	0.00073	0.00073	mg/L	0



Sample Quantitation/Compound Identification:

A Level IV review was not performed on this group of samples.

Additional Comments:

The samples arrived preserved correctly and were on ice. There were a couple of containers that were not intact upon receipt and a couple missing, however all required analysis was still able to be conducted. Cooler custody seals were used. The temperature of the delivery coolers were recorded at 4.4, 3.8, 3.4, 1.0, 2.3, 0.4, 1.6, 7.0, 6.2, 3.3, 1.6, and 1.2 °C. Five of the coolers arrived within the required temperature (4 ±2). Since the samples arrived to the lab on ice the same day of collection, or kept on ice overnight during the sampling event, and the required temperatures was only slightly exceeded, no samples were qualified based on cooler temperature. No samples were qualified based on sample collection (e.g., correct containers, sufficient volume, correct preservation, filtering conducted, no headspace in vials) or condition (e.g. preserved correctly).

Overall Assessment:

Data reported by the laboratory for the Remedial Investigation sampling event were evaluated to determine usability for project purposes. Based on this review:

- Ninety-five (95) sample results were qualified (see Attachment 1).
- One detected sample result was qualified as estimated (J) due to the analysis was conducted outside EPA's method holding time.
- Eleven nondetected sample results were qualified as estimated (UJ) due to LCS/LCSD or MS/MSD recoveries that exceeded control limits.
- Forty-two detected sample results were qualified (B) and 38 detected sample results were qualified as nondetected (UB) due to equipment blank contamination.
- Three detected sample results were qualified as estimated (JB) due to equipment blank contamination and analysis being conducted outside EPA's method holding times.

Sample results reported by the laboratory were determined to be usable for project purposes, taking into account the qualifiers applied and the limitations of the data as described in the SAP & QAPP.



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 10218920

Laboratory Results												Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	CASNO	Analyte	Method Detection Limit	Practical Quantitati on Limit	Reporting Limit	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
GW-MW-6I-012813	10218920001	Calculated	Water	PTC_000014	Salinity (as dissolved		6.0	6.0	4080	mg/L		B	Equipment Blank Contamination
GW-MW-7I-012913	10218920007	Calculated	Water	PTC_000014	Salinity (as dissolved		6.0	6.0	3610	mg/L		B	Equipment Blank Contamination
GW-MW-7I-012913-(01)	10218920009	Calculated	Water	PTC_000014	Salinity (as dissolved		6.0	6.0	3580	mg/L		B	Equipment Blank Contamination
GW-MW-4I-012813	10218920015	Calculated	Water	PTC_000014	Salinity (as dissolved		6.0	6.0	2980	mg/L		B	Equipment Blank Contamination
GW-MW-5I-012813	10218920021	Calculated	Water	PTC_000014	Salinity (as dissolved		6.0	6.0	3730	mg/L		B	Equipment Blank Contamination
GW-MW-2I-012913	10218920025	Calculated	Water	PTC_000014	Salinity (as dissolved		6.0	6.0	4160	mg/L		B	Equipment Blank Contamination
GW-MW-1I-012913	10218920029	Calculated	Water	PTC_000014	Salinity (as dissolved		6.0	6.0	3970	mg/L		B	Equipment Blank Contamination
GW-MW-3I-013013	10218920035	Calculated	Water	PTC_000014	Salinity (as dissolved		6.0	6.0	4270	mg/L		B	Equipment Blank Contamination
GW-MW-8-013013	10218920039	Calculated	Water	PTC_000014	Salinity (as dissolved		6.0	6.0	4730	mg/L		B	Equipment Blank Contamination
GW-MW-6I-012813	10218920001	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.0023	mg/L		UB	Equipment Blank Contamination
GW-MW-6I-012813	10218920001	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00052	mg/L		UB	Equipment Blank Contamination
GW-MW-7-012913	10218920005	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.0032	mg/L		UB	Equipment Blank Contamination
GW-MW-7-012913	10218920005	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.0019	mg/L		UB	Equipment Blank Contamination
GW-MW-7I-012913	10218920007	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.0014	mg/L		UB	Equipment Blank Contamination
GW-MW-7I-012913	10218920007	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00068	mg/L		UB	Equipment Blank Contamination
GW-MW-7I-012913-(01)	10218920009	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.0014	mg/L		UB	Equipment Blank Contamination
GW-MW-7I-012913-(01)	10218920009	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00068	mg/L		UB	Equipment Blank Contamination
GW-MW-2-012913	10218920011	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.34	mg/L		B	Equipment Blank Contamination
GW-MW-2-012913	10218920011	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.0038	mg/L		UB	Equipment Blank Contamination
GW-MW-4-012813	10218920013	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.016	mg/L		B	Equipment Blank Contamination
GW-MW-4-012813	10218920013	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.0017	mg/L		UB	Equipment Blank Contamination
GW-MW-4I-012813	10218920015	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.0022	mg/L		UB	Equipment Blank Contamination
GW-MW-4I-012813	10218920015	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00049	mg/L		UB	Equipment Blank Contamination
GW-MW-5-012813	10218920017	EPA 6020	Water	7440-38-2	Arsenic	0.00069	0.0025	0.0025	1.3	mg/L		B	Equipment Blank Contamination
GW-MW-5-012813	10218920017	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00072	mg/L		UB	Equipment Blank Contamination
GW-MW-5-012813-(01)	10218920019	EPA 6020	Water	7440-38-2	Arsenic	0.00069	0.0025	0.0025	1.3	mg/L		B	Equipment Blank Contamination
GW-MW-5-012813-(01)	10218920019	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00075	mg/L		UB	Equipment Blank Contamination
GW-MW-5I-012813	10218920021	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.0017	mg/L		UB	Equipment Blank Contamination
GW-MW-5I-012813	10218920021	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00085	mg/L		UB	Equipment Blank Contamination
GW-MW-2I-012913	10218920025	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.0014	mg/L		UB	Equipment Blank Contamination
GW-MW-2I-012913	10218920025	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00074	mg/L		UB	Equipment Blank Contamination
GW-MW-1-012913	10218920027	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.027	mg/L		B	Equipment Blank Contamination
GW-MW-1-012913	10218920027	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00083	mg/L		UB	Equipment Blank Contamination
GW-MW-1I-012913	10218920029	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.0015	mg/L		UB	Equipment Blank Contamination
GW-MW-1I-012913	10218920029	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.0013	mg/L		UB	Equipment Blank Contamination
GW-MW-3-013013	10218920033	EPA 6020	Water	7440-38-2	Arsenic	0.0069	0.025	0.025	5.7	mg/L		B	Equipment Blank Contamination
GW-MW-3-013013	10218920033	EPA 6020	Water	7439-92-1	Lead	0.000090	0.00050	0.00050	0.58	mg/L		B	Equipment Blank Contamination
GW-MW-6-012813	10218920023	EPA 6020	Water	7440-38-2	Arsenic	0.00069	0.0025	0.0025	2.0	mg/L		B	Equipment Blank Contamination
GW-MW-6-012813	10218920023	EPA 6020	Water	7439-92-1	Lead	0.000090	0.00050	0.00050	0.0016	mg/L		UB	Equipment Blank Contamination
GW-MW-3I-013013	10218920035	EPA 6020	Water	7440-38-2	Arsenic	0.00069	0.0025	0.0025	1.7	mg/L		B	Equipment Blank Contamination
GW-MW-3I-013013	10218920035	EPA 6020	Water	7439-92-1	Lead	0.000090	0.00050	0.00050	0.42	mg/L		B	Equipment Blank Contamination
GW-MW-8I-013013	10218920037	EPA 6020	Water	7440-38-2	Arsenic	0.00014	0.00050	0.00050	0.0014	mg/L		UB	Equipment Blank Contamination
GW-MW-8I-013013	10218920037	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00021	mg/L		UB	Equipment Blank Contamination
GW-MW-8-013013	10218920039	EPA 6020	Water	7440-38-2	Arsenic	0.014	0.050	0.050	16.5	mg/L		B	Equipment Blank Contamination
GW-MW-8-013013	10218920039	EPA 6020	Water	7439-92-1	Lead	0.000018	0.00010	0.00010	0.00048	mg/L		UB	Equipment Blank Contamination
GW-MW-6I-012813-(20)	10218920002	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.0013	mg/L		UB	Equipment Blank Contamination
GW-MW-7-012913-(20)	10218920006	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.0020	mg/L		UB	Equipment Blank Contamination
GW-MW-7I-012913-(20)	10218920008	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.00073	mg/L		UB	Equipment Blank Contamination
GW-MW-7I-012913-(21)	10218920010	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.00073	mg/L		UB	Equipment Blank Contamination
GW-MW-2-012913-(20)	10218920012	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.028	mg/L		B	Equipment Blank Contamination
GW-MW-4-012813-(20)	10218920014	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.0072	mg/L		UB	Equipment Blank Contamination
GW-MW-4I-012813-(20)	10218920016	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.0019	mg/L		UB	Equipment Blank Contamination



Attachment 1: Applied Independent Data Review Qualifiers for Sample Delivery Group 10218920

Laboratory Results												Independent Reviewer Evaluation	
Field ID	Lab ID	Method	Matrix	CASNO	Analyte	Method Detection Limit	Practical Quantitation Limit	Reporting Limit	Results	Units	Qualifier	Independent Reviewer Qualifier	Reason for Qualification
GW-MW-5-012813-(20)	10218920018	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00069	0.0025	0.0025	0.46	mg/L		B	Equipment Blank Contamination
GW-MW-5-012813-(21)	10218920020	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00069	0.0025	0.0025	0.49	mg/L		B	Equipment Blank Contamination
GW-MW-5I-012813-(20)	10218920022	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.0034	mg/L		UB	Equipment Blank Contamination
GW-MW-5I-012813-(20)	10218920022	EPA 6020	Water	7439-92-1	Lead, Dissolved	0.000018	0.00010	0.00010	0.00010	mg/L		UB	Equipment Blank Contamination
GW-MW-6-012813-(20)	10218920024	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00069	0.0025	0.0025	1.8	mg/L		B	Equipment Blank Contamination
GW-MW-6-012813-(20)	10218920024	EPA 6020	Water	7439-92-1	Lead, Dissolved	0.000018	0.00010	0.00010	0.00062	mg/L		UB	Equipment Blank Contamination
GW-MW-2I-012913-(20)	10218920026	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.0010	mg/L		UB	Equipment Blank Contamination
GW-MW-1-012913-(20)	10218920028	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.0093	mg/L		B	Equipment Blank Contamination
GW-MW-1I-012913-(20)	10218920030	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00014	0.00050	0.00050	0.0011	mg/L		UB	Equipment Blank Contamination
GW-MW-3-013013-(20)	10218920034	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.0028	0.010	0.010	5.0	mg/L		B	Equipment Blank Contamination
GW-MW-3-013013-(20)	10218920034	EPA 6020	Water	7439-92-1	Lead, Dissolved	0.000018	0.00010	0.00010	0.11	mg/L		B	Equipment Blank Contamination
GW-MW-8-013013-(20)	10218920040	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.0069	0.025	0.025	13.4	mg/L		B	Equipment Blank Contamination
GW-MW-3I-013013-(20)	10218920036	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00069	0.0025	0.0025	0.91	mg/L		B	Equipment Blank Contamination
GW-MW-3I-013013-(20)	10218920036	EPA 6020	Water	7439-92-1	Lead, Dissolved	0.000090	0.00050	0.00050	0.00084	mg/L		UB	Equipment Blank Contamination
GW-MW-8I-013013-(20)	10218920038	EPA 6020	Water	7440-38-2	Arsenic, Dissolved	0.00069	0.0025	0.0025	0.0027	mg/L		UB	Equipment Blank Contamination
EB-PUMP-1-013013-(20)	10218920042	EPA 7470	Water	7439-97-6	Mercury, Dissolved	0.000037	0.00020	0.00020	0.00020	mg/L	U	UJ	MS/MSD Recoveries Exceed Control Limits
GW-MW-6I-012813	10218920001	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.021	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
EB-PUMP-1-012813	10218920003	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.021	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
GW-MW-7-012913	10218920005	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.021	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
GW-MW-7I-012913	10218920007	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.021	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
GW-MW-4-012813	10218920013	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.021	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
GW-MW-4I-012813	10218920015	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.021	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
GW-MW-5-012813	10218920017	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.021	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
GW-MW-5-012813-(01)	10218920019	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.021	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
GW-MW-5I-012813	10218920021	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.021	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
GW-MW-6-012813	10218920023	NWTPH-Dx	Water	68334-30-5	Diesel Fuel	0.022	0.10	0.10	0.10	mg/L	U	UJ	LCS/LCSD Recoveries Exceed Control Limits
GW-MW-7I-012913	10218920007	SM 2510B	Water		Specific Conductance	5.0	10.0	10.0	5640	umhos/cm		B	Equipment Blank Contamination
GW-MW-7I-012913-(01)	10218920009	SM 2510B	Water		Specific Conductance	5.0	10.0	10.0	5600	umhos/cm		B	Equipment Blank Contamination
GW-MW-2I-012913	10218920025	SM 2510B	Water		Specific Conductance	5.0	10.0	10.0	6490	umhos/cm		B	Equipment Blank Contamination
GW-MW-1I-012913	10218920029	SM 2510B	Water		Specific Conductance	5.0	10.0	10.0	6210	umhos/cm		B	Equipment Blank Contamination
GW-MW-3I-013013	10218920035	SM 2510B	Water		Specific Conductance	5.0	10.0	10.0	6670	umhos/cm		B	Equipment Blank Contamination
GW-MW-8-013013	10218920039	SM 2510B	Water		Specific Conductance	5.0	10.0	10.0	7390	umhos/cm		B	Equipment Blank Contamination
GW-MW-6I-012813	10218920001	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	3260	mg/L		JB	Analysis Conducted Outside EPA's Method Holding Time; Equipment Blank Contamination
EB-PUMP-1-012813	10218920003	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	14.0	mg/L		J	Analysis Conducted Outside EPA's Method Holding Time
GW-MW-7I-012913	10218920007	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	2910	mg/L		B	Equipment Blank Contamination
GW-MW-7I-012913-(01)	10218920009	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	2800	mg/L		B	Equipment Blank Contamination
GW-MW-4I-012813	10218920015	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	2460	mg/L		JB	Analysis Conducted Outside EPA's Method Holding Time; Equipment Blank Contamination
GW-MW-5I-012813	10218920021	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	3230	mg/L		JB	Analysis Conducted Outside EPA's Method Holding Time; Equipment Blank Contamination
GW-MW-2I-012913	10218920025	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	3540	mg/L		B	Equipment Blank Contamination
GW-MW-1I-012913	10218920029	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	3050	mg/L		B	Equipment Blank Contamination
GW-MW-3I-013013	10218920035	SM 2540C	Water	PTC_000013	Total Dissolved Solids	10.0	20.0	20.0	3540	mg/L		B	Equipment Blank Contamination
GW-MW-8I-013013	10218920037	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	3910	mg/L		B	Equipment Blank Contamination
GW-MW-8-013013	10218920039	SM 2540C	Water	PTC_000013	Total Dissolved Solids	5.0	10.0	10.0	4070	mg/L		B	Equipment Blank Contamination

March 28, 2013

Stacy Munson
Pioneer Technologies
5205 Corporate Ctr. Ct. SE.
Ste. A
Lacey, WA 98503

RE: Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

Dear Stacy Munson:

Enclosed are the analytical results for sample(s) received by the laboratory on January 30, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Revised Report, REV-1 Per client request, the results are evaluated to the PQL and Salinity as Seawater was removed.

The samples reported herein were analyzed via the NWTPH-Dx method and had Silica Gel clean up performed.

Due to a lab error, TDS was analyzed outside of the holding time for samples GW-MW-6I-012813, EB-PUMP-1-012813, GW-MW-4I-012813 & GW-MW-5I-012813 (10218920-001, 003, 015, 021). The client was notified 02/12/13 via email.

Due to a lab oversight, 8270 PCP batch 20833 included sixteen samples instead of only ten. This is per the PERC QAPP. The 8270 method allows twenty per batch. The client was notified 02/05/13 per email.

Revised Report, REV-2 "B" Flags were removed and cover letter narrative was updated for the samples with missed holds.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

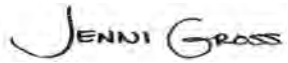
Page 1 of 79

March 28, 2013

Page 2

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Gross

jennifer.gross@pacelabs.com

Project Manager

Enclosures

cc: Jeffrey King, Pacific Environmental & Redevelopment
Corporation



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Page 2 of 79

CERTIFICATIONS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: Pace

Florida/NELAP Certification #: E87605

Georgia Certification #: 959

Hawaii Certification #Pace

Idaho Certification #: MN00064

Illinois Certification #: 200011

Kansas Certification #: E-10167

Louisiana Certification #: 03086

Louisiana Certification #: LA080009

Maine Certification #: 2007029

Maryland Certification #: 322

Michigan DEQ Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT CERT0092

Nebraska Certification #: Pace

Nevada Certification #: MN_00064

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Dakota Certification #: R-036

North Dakota Certification #: R-036A

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Tennessee Certification #: 02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia/DCLS Certification #: 002521

Virginia/VELAP Certification #: 460163

Washington Certification #: C754

West Virginia Certification #: 382

Wisconsin Certification #: 999407970

Montana Certification IDs

602 South 25th Street, Billings, MT 59101

EPA Region 8 Certification #: 8TMS-Q

Idaho Certification #: MT00012

Montana Certification #: MT CERT0040

NVLAP Certification #: 101292-0

Minnesota Dept of Health Certification #: 030-999-442

Washington Department of Ecology #: C993

REPORT OF LABORATORY ANALYSIS

Page 3 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10218920001	GW-MW-6I-012813	Water	01/28/13 15:15	01/30/13 14:07
10218920002	GW-MW-6I-012813-(20)	Water	01/28/13 15:15	01/30/13 14:07
10218920003	EB-PUMP-1-012813	Water	01/28/13 15:50	01/30/13 14:07
10218920004	EB-PUMP-1-012813-(20)	Water	01/28/13 15:50	01/30/13 14:07
10218920005	GW-MW-7-012913	Water	01/29/13 09:25	01/30/13 14:07
10218920006	GW-MW-7-012913-(20)	Water	01/29/13 09:25	01/30/13 14:07
10218920007	GW-MW-7I-012913	Water	01/29/13 10:10	01/30/13 14:07
10218920008	GW-MW-7I-012913-(20)	Water	01/29/13 10:10	01/30/13 14:07
10218920009	GW-MW-7I-012913-(01)	Water	01/29/13 10:10	01/30/13 14:07
10218920010	GW-MW-7I-012913-(21)	Water	01/29/13 10:10	01/30/13 14:07
10218920011	GW-MW-2-012913	Water	01/29/13 11:10	01/30/13 14:07
10218920012	GW-MW-2-012913-(20)	Water	01/29/13 11:10	01/30/13 14:07
10218920013	GW-MW-4-012813	Water	01/28/13 10:25	01/30/13 14:07
10218920014	GW-MW-4-012813-(20)	Water	01/28/13 10:25	01/30/13 14:07
10218920015	GW-MW-4I-012813	Water	01/28/13 11:10	01/30/13 14:07
10218920016	GW-MW-4I-012813-(20)	Water	01/28/13 11:10	01/30/13 14:07
10218920017	GW-MW-5-012813	Water	01/28/13 12:15	01/30/13 14:07
10218920018	GW-MW-5-012813-(20)	Water	01/28/13 12:15	01/30/13 14:07
10218920019	GW-MW-5-012813-(01)	Water	01/28/13 12:15	01/30/13 14:07
10218920020	GW-MW-5-012813-(21)	Water	01/28/13 12:15	01/30/13 14:07
10218920021	GW-MW-5I-012813	Water	01/28/13 13:30	01/30/13 14:07
10218920022	GW-MW-5I-012813-(20)	Water	01/28/13 13:30	01/30/13 14:07
10218920023	GW-MW-6-012813	Water	01/28/13 14:25	01/30/13 14:07
10218920024	GW-MW-6-012813-(20)	Water	01/28/13 14:25	01/30/13 14:07
10218920025	GW-MW-2I-012913	Water	01/29/13 11:45	01/30/13 14:07
10218920026	GW-MW-2I-012913-(20)	Water	01/29/13 11:45	01/30/13 14:07
10218920027	GW-MW-1-012913	Water	01/29/13 13:35	01/30/13 14:07
10218920028	GW-MW-1-012913-(20)	Water	01/29/13 13:35	01/30/13 14:07
10218920029	GW-MW-1I-012913	Water	01/29/13 14:20	01/30/13 14:07
10218920030	GW-MW-1I-012913-(20)	Water	01/29/13 14:20	01/30/13 14:07
10218920031	EB-PUMP-1-012913	Water	01/29/13 14:35	01/30/13 14:07
10218920032	EB-PUMP-1-012913-(20)	Water	01/29/13 14:35	01/30/13 14:07
10218920033	GW-MW-3-013013	Water	01/30/13 09:30	01/30/13 14:07
10218920034	GW-MW-3-013013-(20)	Water	01/30/13 09:30	01/30/13 14:07
10218920035	GW-MW-3I-013013	Water	01/30/13 10:30	01/30/13 14:07
10218920036	GW-MW-3I-013013-(20)	Water	01/30/13 10:30	01/30/13 14:07
10218920037	GW-MW-8I-013013	Water	01/30/13 11:45	01/30/13 14:07

REPORT OF LABORATORY ANALYSIS

Page 4 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10218920038	GW-MW-8I-013013-(20)	Water	01/30/13 11:45	01/30/13 14:07
10218920039	GW-MW-8-013013	Water	01/30/13 12:15	01/30/13 14:07
10218920040	GW-MW-8-013013-(20)	Water	01/30/13 12:15	01/30/13 14:07
10218920041	EB-PUMP-1-013013	Water	01/30/13 12:45	01/30/13 14:07
10218920042	EB-PUMP-1-013013-(20)	Water	01/30/13 12:45	01/30/13 14:07
10218920043	Trip Blank 1	Water	01/30/13 00:00	01/30/13 14:07

REPORT OF LABORATORY ANALYSIS

Page 5 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10218920001	GW-MW-6I-012813	NWTPH-Dx	JRH	3	PASI-M
		EPA 6020	TT3	3	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920002	GW-MW-6I-012813-(20)	EPA 6020	TT3	3	PASI-M
10218920003	EB-PUMP-1-012813	NWTPH-Dx	JRH	3	PASI-M
		NWTPH-Gx/8021	KT1	2	PASI-M
		EPA 6020	TT3	3	PASI-M
		EPA 7470	WBS	1	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920004	EB-PUMP-1-012813-(20)	EPA 6020	TT3	3	PASI-M
		EPA 7470	WBS	1	PASI-M
		NWTPH-Dx	JRH	3	PASI-M
10218920005	GW-MW-7-012913	NWTPH-Dx	JRH	3	PASI-M
		NWTPH-Gx/8021	KT1	2	PASI-M
		EPA 6020	TT3	3	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
10218920006	GW-MW-7-012913-(20)	EPA 6020	TT3	3	PASI-M
10218920007	GW-MW-7I-012913	NWTPH-Dx	JRH	3	PASI-M
		EPA 6020	TT3	3	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920008	GW-MW-7I-012913-(20)	EPA 6020	TT3	3	PASI-M
10218920009	GW-MW-7I-012913-(01)	NWTPH-Dx	JRH	3	PASI-M
		EPA 6020	TT3	3	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920010	GW-MW-7I-012913-(21)	EPA 6020	TT3	3	PASI-M
10218920011	GW-MW-2-012913	NWTPH-Dx	JRH	3	PASI-M
		NWTPH-Gx/8021	KT1	2	PASI-M

REPORT OF LABORATORY ANALYSIS

Page 6 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	TT3	3	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
10218920012	GW-MW-2-012913-(20)	EPA 6020	TT3	3	PASI-M
10218920013	GW-MW-4-012813	NWTPH-Dx	JRH	3	PASI-M
		NWTPH-Gx/8021	KT1	2	PASI-M
		EPA 6020	TT3	3	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
10218920014	GW-MW-4-012813-(20)	EPA 6020	TT3	3	PASI-M
10218920015	GW-MW-4I-012813	NWTPH-Dx	JRH	3	PASI-M
		EPA 6020	TT3	3	PASI-M
		EPA 8260	SE	70	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920016	GW-MW-4I-012813-(20)	EPA 6020	TT3	3	PASI-M
10218920017	GW-MW-5-012813	NWTPH-Dx	JRH	3	PASI-M
		NWTPH-Gx/8021	KT1	2	PASI-M
		EPA 6020	TT3	3	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
10218920018	GW-MW-5-012813-(20)	EPA 6020	TT3	3	PASI-M
10218920019	GW-MW-5-012813-(01)	NWTPH-Dx	JRH	3	PASI-M
		NWTPH-Gx/8021	KT1	2	PASI-M
		EPA 6020	TT3	3	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
10218920020	GW-MW-5-012813-(21)	EPA 6020	TT3	3	PASI-M
10218920021	GW-MW-5I-012813	NWTPH-Dx	JRH	3	PASI-M
		EPA 6020	TT3	3	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920022	GW-MW-5I-012813-(20)	EPA 6020	TT3	3	PASI-M
10218920023	GW-MW-6-012813	NWTPH-Dx	JRH	3	PASI-M
		NWTPH-Gx/8021	KT1	2	PASI-M

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	TT3	3	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
10218920024	GW-MW-6-012813-(20)	EPA 6020	TT3	3	PASI-M
10218920025	GW-MW-2I-012913	EPA 6020	TT3	3	PASI-M
		EPA 7470	WBS	1	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920026	GW-MW-2I-012913-(20)	EPA 6020	TT3	3	PASI-M
		EPA 7470	WBS	1	PASI-M
10218920027	GW-MW-1-012913	NWTPH-Dx	JRH	3	PASI-M
		NWTPH-Gx/8021	KT1	2	PASI-M
		EPA 6020	TT3	3	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
10218920028	GW-MW-1-012913-(20)	EPA 6020	TT3	3	PASI-M
10218920029	GW-MW-1I-012913	EPA 6020	TT3	3	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920030	GW-MW-1I-012913-(20)	EPA 6020	TT3	3	PASI-M
10218920031	EB-PUMP-1-012913	NWTPH-Dx	JRH	3	PASI-M
		NWTPH-Gx/8021	KT1	2	PASI-M
		EPA 6020	TT3	3	PASI-M
		EPA 7470	WBS	1	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920032	EB-PUMP-1-012913-(20)	EPA 6020	TT3	3	PASI-M
		EPA 7470	WBS	1	PASI-M

REPORT OF LABORATORY ANALYSIS

Page 8 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
10218920033	GW-MW-3-013013	NWTPH-Dx	JRH	3	PASI-M		
		NWTPH-Gx/8021	KT1	2	PASI-M		
		EPA 6020	TT3	3	PASI-M		
		EPA 8270 by SIM	JLR	2	PASI-M		
		EPA 8260	SE	70	PASI-M		
10218920034	GW-MW-3-013013-(20)	EPA 6020	TT3	3	PASI-M		
10218920035	GW-MW-3I-013013	EPA 6020	TT3	3	PASI-M		
		EPA 7470	WBS	1	PASI-M		
		EPA 8270 by SIM	JLR	2	PASI-M		
		EPA 8260	SE	70	PASI-M		
		SM 2510B	WT1	1	PASI-MT		
		Calculated	WT1	1	PASI-MT		
		SM 2540C	KK1	1	PASI-M		
10218920036	GW-MW-3I-013013-(20)	EPA 6020	RJS	3	PASI-M		
		EPA 7470	WBS	1	PASI-M		
		EPA 6020	TT3	3	PASI-M		
10218920037	GW-MW-8I-013013	NWTPH-Dx	JRH	3	PASI-M		
		EPA 6020	TT3	3	PASI-M		
		EPA 8270 by SIM	JLR	2	PASI-M		
		EPA 8260	SE	44	PASI-M		
		SM 2510B	WT1	1	PASI-MT		
		Calculated	WT1	1	PASI-MT		
		SM 2540C	KK1	1	PASI-M		
		EPA 6020	RJS	3	PASI-M		
		10218920038	GW-MW-8I-013013-(20)	NWTPH-Dx	JRH	3	PASI-M
				NWTPH-Gx/8021	KT1	2	PASI-M
EPA 6020	TT3			3	PASI-M		
EPA 7470	WBS			1	PASI-M		
EPA 8270 by SIM	JLR			2	PASI-M		
EPA 8260	SE			70	PASI-M		
SM 2510B	WT1			1	PASI-MT		
Calculated	WT1			1	PASI-MT		
SM 2540C	KK1			1	PASI-M		
10218920039	GW-MW-8-013013			EPA 6020	TT3	3	PASI-M
		EPA 7470	WBS	1	PASI-M		
		EPA 6020	TT3	3	PASI-M		
10218920040	GW-MW-8-013013-(20)	EPA 6020	TT3	3	PASI-M		
		EPA 7470	WBS	1	PASI-M		
		NWTPH-Dx	JRH	3	PASI-M		
		NWTPH-Gx/8021	KT1	2	PASI-M		
		EPA 6020	TT3	3	PASI-M		
10218920041	EB-PUMP-1-013013	NWTPH-Dx	JRH	3	PASI-M		
		NWTPH-Gx/8021	KT1	2	PASI-M		
		EPA 6020	TT3	3	PASI-M		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	WBS	1	PASI-M
		EPA 8270 by SIM	JLR	2	PASI-M
		EPA 8260	SE	70	PASI-M
		SM 2510B	WT1	1	PASI-MT
		Calculated	WT1	1	PASI-MT
		SM 2540C	KK1	1	PASI-M
10218920042	EB-PUMP-1-013013-(20)	EPA 6020	RJS	3	PASI-M
		EPA 7470	TEM	1	PASI-M
10218920043	Trip Blank 1	NWTPH-Gx/8021	KT1	2	PASI-M
		EPA 8260	SE	70	PASI-M

REPORT OF LABORATORY ANALYSIS

Page 10 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-6I-012813		Lab ID: 10218920001	Collected: 01/28/13 15:15	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10 mg/L		0.10	1	02/04/13 07:16	02/09/13 19:24	68334-30-5	
Motor Oil	<0.10 mg/L		0.10	1	02/04/13 07:16	02/09/13 19:24		
Surrogates								
n-Pentacosane (S)	69 %		50-150	1	02/04/13 07:16	02/09/13 19:24	629-99-2	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.0023 mg/L		0.00050	1	02/01/13 10:27	02/02/13 13:53	7440-38-2	
Cadmium	<0.000080 mg/L		0.000080	1	02/01/13 10:27	02/02/13 13:53	7440-43-9	
Lead	0.00052 mg/L		0.00010	1	02/01/13 10:27	02/02/13 13:53	7439-92-1	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	6380 umhos/cm		10.0	1		02/01/13 14:44		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	4080 mg/L		6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	3260 mg/L		10.0	1		02/05/13 14:55		1M,H1

Sample: GW-MW-6I-012813-(20)		Lab ID: 10218920002	Collected: 01/28/13 15:15	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0013 mg/L		0.00050	1	02/01/13 14:00	02/02/13 11:01	7440-38-2	
Cadmium, Dissolved	<0.000080 mg/L		0.000080	1	02/01/13 14:00	02/02/13 11:01	7440-43-9	
Lead, Dissolved	<0.00010 mg/L		0.00010	1	02/01/13 14:00	02/02/13 11:01	7439-92-1	

Sample: EB-PUMP-1-012813		Lab ID: 10218920003	Collected: 01/28/13 15:50	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10 mg/L		0.10	1	02/04/13 07:16	02/11/13 15:12	68334-30-5	
Motor Oil	<0.10 mg/L		0.10	1	02/04/13 07:16	02/11/13 15:12		
Surrogates								
n-Pentacosane (S)	58 %		50-150	1	02/04/13 07:16	02/11/13 15:12	629-99-2	
NWTPH-Gx/8021BGx GCV		Analytical Method: NWTPH-Gx/8021						
TPH as Gas	<0.10 mg/L		0.10	1		02/01/13 15:40		
Surrogates								
a,a,a-Trifluorotoluene (S)	101 %		75-125	1		02/01/13 15:40	98-08-8	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: EB-PUMP-1-012813	Lab ID: 10218920003	Collected: 01/28/13 15:50	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS								
Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Arsenic	0.0028	mg/L	0.00050	1	02/01/13 10:27	02/03/13 10:16	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/03/13 10:16	7440-43-9	
Lead	0.0029	mg/L	0.00010	1	02/01/13 10:27	02/03/13 10:16	7439-92-1	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	<0.00020	mg/L	0.00020	1	02/08/13 11:22	02/08/13 15:11	7439-97-6	
8270 MSSV PCP by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Pentachlorophenol	<0.00051	mg/L	0.00051	1	01/31/13 17:06	02/06/13 19:04	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	85 %		42-127	1	01/31/13 17:06	02/06/13 19:04	118-79-6	
8260 VOC								
Analytical Method: EPA 8260								
Acetone	<25.0	ug/L	25.0	1		02/01/13 19:14	67-64-1	
Benzene	<1.0	ug/L	1.0	1		02/01/13 19:14	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/01/13 19:14	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/01/13 19:14	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/01/13 19:14	75-27-4	
Bromoform	<4.0	ug/L	4.0	1		02/01/13 19:14	75-25-2	
Bromomethane	<4.0	ug/L	4.0	1		02/01/13 19:14	74-83-9	
2-Butanone (MEK)	<4.0	ug/L	4.0	1		02/01/13 19:14	78-93-3	
n-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 19:14	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 19:14	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 19:14	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		02/01/13 19:14	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/01/13 19:14	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		02/01/13 19:14	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		02/01/13 19:14	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		02/01/13 19:14	67-66-3	
Chloromethane	<4.0	ug/L	4.0	1		02/01/13 19:14	74-87-3	
2-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 19:14	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 19:14	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0	ug/L	4.0	1		02/01/13 19:14	96-12-8	
Dibromochloromethane	<1.0	ug/L	1.0	1		02/01/13 19:14	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		02/01/13 19:14	106-93-4	
Dibromomethane	<4.0	ug/L	4.0	1		02/01/13 19:14	74-95-3	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 19:14	95-50-1	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 19:14	541-73-1	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 19:14	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		02/01/13 19:14	75-71-8	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 19:14	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 19:14	107-06-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 19:14	75-35-4	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 19:14	156-59-2	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 19:14	156-60-5	
1,2-Dichloropropane	<4.0	ug/L	4.0	1		02/01/13 19:14	78-87-5	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 12 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: EB-PUMP-1-012813	Lab ID: 10218920003	Collected: 01/28/13 15:50	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 19:14	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 19:14	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 19:14	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 19:14	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 19:14	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:14	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 19:14	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 19:14	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 19:14	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 19:14	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 19:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 19:14	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 19:14	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 19:14	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:14	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 19:14	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 19:14	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 19:14	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 19:14	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 19:14	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:14	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:14	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:14	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:14	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:14	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 19:14	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 19:14	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:14	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:14	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 19:14	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 19:14	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 19:14	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 19:14	95-47-6	
Surrogates								
Dibromofluoromethane (S)	101 %		75-125	1		02/01/13 19:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		75-125	1		02/01/13 19:14	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 19:14	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 19:14	460-00-4	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	<10.0 umhos/cm		10.0	1		02/05/13 14:57		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	6.2 mg/L		6.0	1		02/07/13 09:56		

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: EB-PUMP-1-012813		Lab ID: 10218920003	Collected: 01/28/13 15:50	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	14.0	mg/L	10.0	1		02/05/13 14:56		H1
Sample: EB-PUMP-1-012813-(20)		Lab ID: 10218920004	Collected: 01/28/13 15:50	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0022	mg/L	0.00050	1	02/01/13 14:00	02/02/13 11:06	7440-38-2	
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/01/13 14:00	02/02/13 11:06	7440-43-9	
Lead, Dissolved	0.0010	mg/L	0.00010	1	02/01/13 14:00	02/02/13 11:06	7439-92-1	
7470 Mercury, Lab Filtered		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury, Dissolved	<0.00020	mg/L	0.00020	1	02/04/13 18:25	02/05/13 18:21	7439-97-6	
Sample: GW-MW-7-012913		Lab ID: 10218920005	Collected: 01/29/13 09:25	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 22:41	68334-30-5	
Motor Oil	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 22:41		
Surrogates								
n-Pentacosane (S)	52	%	50-150	1	02/04/13 07:16	02/09/13 22:41	629-99-2	
NWTPH-Gx/8021BGx GCV		Analytical Method: NWTPH-Gx/8021						
TPH as Gas	<0.10	mg/L	0.10	1		02/01/13 16:00		
Surrogates								
a,a,a-Trifluorotoluene (S)	99	%	75-125	1		02/01/13 16:00	98-08-8	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.0032	mg/L	0.00050	1	02/01/13 10:27	02/02/13 14:03	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/02/13 14:03	7440-43-9	
Lead	0.0019	mg/L	0.00010	1	02/01/13 10:27	02/02/13 14:03	7439-92-1	
8270 MSSV PCP by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510						
Pentachlorophenol	<0.00051	mg/L	0.00051	1	01/31/13 17:06	02/06/13 21:25	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	81	%	42-127	1	01/31/13 17:06	02/06/13 21:25	118-79-6	
8260 VOC		Analytical Method: EPA 8260						
Acetone	<25.0	ug/L	25.0	1		02/01/13 20:12	67-64-1	
Benzene	<1.0	ug/L	1.0	1		02/01/13 20:12	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/01/13 20:12	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/01/13 20:12	74-97-5	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 14 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-7-012913	Lab ID: 10218920005	Collected: 01/29/13 09:25	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 20:12	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 20:12	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 20:12	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 20:12	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 20:12	75-15-0	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 20:12	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 20:12	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 20:12	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 20:12	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 20:12	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 20:12	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 20:12	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 20:12	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 20:12	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 20:12	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 20:12	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:12	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:12	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:12	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:12	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:12	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:12	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 20:12	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:12	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 20:12	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 20:12	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 20:12	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 20:12	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 20:12	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 20:12	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 20:12	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 20:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 20:12	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 20:12	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 20:12	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 20:12	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 20:12	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 20:12	79-34-5	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 15 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-7-012913		Lab ID: 10218920005	Collected: 01/29/13 09:25	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 20:12	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 20:12	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:12	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:12	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:12	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 20:12	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:12	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:12	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 20:12	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 20:12	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 20:12	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 20:12	95-47-6	
Surrogates								
Dibromofluoromethane (S)	98 %		75-125	1		02/01/13 20:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		75-125	1		02/01/13 20:12	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 20:12	2037-26-5	
4-Bromofluorobenzene (S)	100 %		75-125	1		02/01/13 20:12	460-00-4	

Sample: GW-MW-7-012913-(20)		Lab ID: 10218920006	Collected: 01/29/13 09:25	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0020 mg/L		0.00050	1	02/01/13 14:00	02/02/13 11:26	7440-38-2	
Cadmium, Dissolved	<0.000080 mg/L		0.000080	1	02/01/13 14:00	02/02/13 11:26	7440-43-9	
Lead, Dissolved	<0.00010 mg/L		0.00010	1	02/01/13 14:00	02/02/13 11:26	7439-92-1	

Sample: GW-MW-7I-012913		Lab ID: 10218920007	Collected: 01/29/13 10:10	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10 mg/L		0.10	1	02/04/13 07:16	02/09/13 23:03	68334-30-5	
Motor Oil	<0.10 mg/L		0.10	1	02/04/13 07:16	02/09/13 23:03		
Surrogates								
n-Pentacosane (S)	67 %		50-150	1	02/04/13 07:16	02/09/13 23:03	629-99-2	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.0014 mg/L		0.00050	1	02/01/13 10:27	02/02/13 14:07	7440-38-2	
Cadmium	<0.000080 mg/L		0.000080	1	02/01/13 10:27	02/02/13 14:07	7440-43-9	
Lead	0.00068 mg/L		0.00010	1	02/01/13 10:27	02/02/13 14:07	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-7I-012913		Lab ID: 10218920007	Collected: 01/29/13 10:10	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	5640	umhos/cm	10.0	1		02/01/13 14:45		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	3610	mg/L	6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	2910	mg/L	10.0	1		02/05/13 14:57		

Sample: GW-MW-7I-012913-(20)		Lab ID: 10218920008	Collected: 01/29/13 10:10	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.00073	mg/L	0.00050	1	02/01/13 14:00	02/02/13 11:31	7440-38-2	
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/01/13 14:00	02/02/13 11:31	7440-43-9	
Lead, Dissolved	<0.00010	mg/L	0.00010	1	02/01/13 14:00	02/02/13 11:31	7439-92-1	

Sample: GW-MW-7I-012913-(01)		Lab ID: 10218920009	Collected: 01/29/13 10:10	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10	mg/L	0.10	1	02/05/13 15:40	02/10/13 01:36	68334-30-5	
Motor Oil	<0.10	mg/L	0.10	1	02/05/13 15:40	02/10/13 01:36		
Surrogates								
n-Pentacosane (S)	77	%	50-150	1	02/05/13 15:40	02/10/13 01:36	629-99-2	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.0014	mg/L	0.00050	1	02/01/13 10:27	02/02/13 14:12	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/02/13 14:12	7440-43-9	
Lead	0.00068	mg/L	0.00010	1	02/01/13 10:27	02/02/13 14:12	7439-92-1	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	5600	umhos/cm	10.0	1		02/01/13 14:46		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	3580	mg/L	6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	2800	mg/L	10.0	1		02/05/13 14:57		

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample:	Lab ID:	Collected:	Received:	Matrix:				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-MW-7I-012913-(21)	Lab ID: 10218920010	01/29/13 10:10	01/30/13 14:07	Water				
6020 MET ICPMS, Lab Filtered Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Arsenic, Dissolved	0.00073 mg/L		0.00050	1	02/01/13 14:00	02/02/13 11:36	7440-38-2	
Cadmium, Dissolved	<0.000080 mg/L		0.000080	1	02/01/13 14:00	02/02/13 11:36	7440-43-9	
Lead, Dissolved	<0.00010 mg/L		0.00010	1	02/01/13 14:00	02/02/13 11:36	7439-92-1	
Sample: GW-MW-2-012913	Lab ID: 10218920011	01/29/13 11:10	01/30/13 14:07	Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Diesel Fuel	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 01:58	68334-30-5	
Motor Oil	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 01:58		
Surrogates								
n-Pentacosane (S)	82 %		50-150	1	02/05/13 15:40	02/10/13 01:58	629-99-2	
NWTPH-Gx/8021BGx GCV Analytical Method: NWTPH-Gx/8021								
TPH as Gas	<0.10 mg/L		0.10	1		02/01/13 18:36		
Surrogates								
a,a,a-Trifluorotoluene (S)	99 %		75-125	1		02/01/13 18:36	98-08-8	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Arsenic	0.34 mg/L		0.00050	1	02/01/13 10:27	02/02/13 14:17	7440-38-2	
Cadmium	<0.000080 mg/L		0.000080	1	02/01/13 10:27	02/02/13 14:17	7440-43-9	
Lead	0.0038 mg/L		0.00010	1	02/01/13 10:27	02/02/13 14:17	7439-92-1	
8270 MSSV PCP by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Pentachlorophenol	<0.00051 mg/L		0.00051	1	01/31/13 17:06	02/06/13 21:45	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	87 %		42-127	1	01/31/13 17:06	02/06/13 21:45	118-79-6	
8260 VOC	Analytical Method: EPA 8260							
Acetone	<25.0 ug/L		25.0	1		02/01/13 20:26	67-64-1	
Benzene	<1.0 ug/L		1.0	1		02/01/13 20:26	71-43-2	
Bromobenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	108-86-1	
Bromochloromethane	<1.0 ug/L		1.0	1		02/01/13 20:26	74-97-5	
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 20:26	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 20:26	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 20:26	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 20:26	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 20:26	75-15-0	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 20:26	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 20:26	75-00-3	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-2-012913	Lab ID: 10218920011	Collected: 01/29/13 11:10	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Chloroform	<1.0 ug/L		1.0	1		02/01/13 20:26	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 20:26	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 20:26	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 20:26	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 20:26	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 20:26	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 20:26	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 20:26	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 20:26	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:26	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:26	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:26	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:26	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:26	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:26	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 20:26	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:26	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 20:26	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 20:26	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 20:26	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 20:26	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 20:26	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 20:26	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 20:26	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 20:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 20:26	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 20:26	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 20:26	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 20:26	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 20:26	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 20:26	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 20:26	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 20:26	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:26	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:26	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:26	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 20:26	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:26	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:26	108-67-8	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 19 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

Sample: GW-MW-2-012913		Lab ID: 10218920011	Collected: 01/29/13 11:10	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Vinyl chloride	<0.40	ug/L	0.40	1		02/01/13 20:26	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		02/01/13 20:26	1330-20-7	
m&p-Xylene	<2.0	ug/L	2.0	1		02/01/13 20:26	179601-23-1	
o-Xylene	<1.0	ug/L	1.0	1		02/01/13 20:26	95-47-6	
Surrogates								
Dibromofluoromethane (S)	99 %		75-125	1		02/01/13 20:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		75-125	1		02/01/13 20:26	17060-07-0	
Toluene-d8 (S)	99 %		75-125	1		02/01/13 20:26	2037-26-5	
4-Bromofluorobenzene (S)	100 %		75-125	1		02/01/13 20:26	460-00-4	

Sample: GW-MW-2-012913-(20)		Lab ID: 10218920012	Collected: 01/29/13 11:10	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.028	mg/L	0.00050	1	02/01/13 14:00	02/02/13 11:40	7440-38-2	
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/01/13 14:00	02/02/13 11:40	7440-43-9	
Lead, Dissolved	<0.00010	mg/L	0.00010	1	02/01/13 14:00	02/02/13 11:40	7439-92-1	

Sample: GW-MW-4-012813		Lab ID: 10218920013	Collected: 01/28/13 10:25	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 20:08	68334-30-5	
Motor Oil	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 20:08		
Surrogates								
n-Pentacosane (S)	72 %		50-150	1	02/04/13 07:16	02/09/13 20:08	629-99-2	
NWTPH-Gx/8021BGx GCV		Analytical Method: NWTPH-Gx/8021						
TPH as Gas	<0.10	mg/L	0.10	1		02/01/13 18:56		
Surrogates								
a,a,a-Trifluorotoluene (S)	98 %		75-125	1		02/01/13 18:56	98-08-8	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.016	mg/L	0.00050	1	02/01/13 10:27	02/03/13 10:21	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/03/13 10:21	7440-43-9	
Lead	0.0017	mg/L	0.00010	1	02/01/13 10:27	02/03/13 10:21	7439-92-1	
8270 MSSV PCP by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510						
Pentachlorophenol	<0.00051	mg/L	0.00051	1	01/31/13 17:06	02/06/13 19:24	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	82 %		42-127	1	01/31/13 17:06	02/06/13 19:24	118-79-6	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-4-012813	Lab ID: 10218920013	Collected: 01/28/13 10:25	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Acetone	<25.0 ug/L		25.0	1		02/01/13 20:41	67-64-1	
Benzene	<1.0 ug/L		1.0	1		02/01/13 20:41	71-43-2	
Bromobenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	108-86-1	
Bromochloromethane	<1.0 ug/L		1.0	1		02/01/13 20:41	74-97-5	
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 20:41	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 20:41	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 20:41	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 20:41	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 20:41	75-15-0	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 20:41	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 20:41	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 20:41	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 20:41	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 20:41	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 20:41	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 20:41	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 20:41	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 20:41	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 20:41	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 20:41	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:41	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:41	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:41	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:41	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:41	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:41	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 20:41	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:41	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 20:41	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 20:41	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 20:41	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 20:41	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 20:41	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 20:41	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 20:41	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 20:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 20:41	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 20:41	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 20:41	91-20-3	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 21 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-4-012813		Lab ID: 10218920013	Collected: 01/28/13 10:25	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 20:41	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 20:41	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 20:41	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 20:41	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 20:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:41	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:41	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:41	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 20:41	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:41	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:41	108-67-8	
Vinyl chloride	0.59 ug/L		0.40	1		02/01/13 20:41	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 20:41	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 20:41	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 20:41	95-47-6	
Surrogates								
Dibromofluoromethane (S)	99 %		75-125	1		02/01/13 20:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		75-125	1		02/01/13 20:41	17060-07-0	
Toluene-d8 (S)	99 %		75-125	1		02/01/13 20:41	2037-26-5	
4-Bromofluorobenzene (S)	100 %		75-125	1		02/01/13 20:41	460-00-4	

Sample: GW-MW-4-012813-(20)		Lab ID: 10218920014	Collected: 01/28/13 10:25	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0072 mg/L		0.00050	1	02/01/13 14:00	02/02/13 11:45	7440-38-2	
Cadmium, Dissolved	<0.000080 mg/L		0.000080	1	02/01/13 14:00	02/02/13 11:45	7440-43-9	
Lead, Dissolved	<0.00010 mg/L		0.00010	1	02/01/13 14:00	02/02/13 11:45	7439-92-1	

Sample: GW-MW-4I-012813		Lab ID: 10218920015	Collected: 01/28/13 11:10	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10 mg/L		0.10	1	02/04/13 07:16	02/11/13 15:34	68334-30-5	M1
Motor Oil	<0.10 mg/L		0.10	1	02/04/13 07:16	02/11/13 15:34		
Surrogates								
n-Pentacosane (S)	63 %		50-150	1	02/04/13 07:16	02/11/13 15:34	629-99-2	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-4I-012813	Lab ID: 10218920015	Collected: 01/28/13 11:10	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS								
Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Arsenic	0.0022	mg/L	0.00050	1	02/01/13 10:27	02/03/13 10:25	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/03/13 10:25	7440-43-9	
Lead	0.00049	mg/L	0.00010	1	02/01/13 10:27	02/03/13 10:25	7439-92-1	
8260 VOC								
Analytical Method: EPA 8260								
Acetone	<25.0	ug/L	25.0	1		02/01/13 20:55	67-64-1	
Benzene	<1.0	ug/L	1.0	1		02/01/13 20:55	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/01/13 20:55	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/01/13 20:55	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/01/13 20:55	75-27-4	
Bromoform	<4.0	ug/L	4.0	1		02/01/13 20:55	75-25-2	
Bromomethane	<4.0	ug/L	4.0	1		02/01/13 20:55	74-83-9	
2-Butanone (MEK)	<4.0	ug/L	4.0	1		02/01/13 20:55	78-93-3	
n-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 20:55	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 20:55	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 20:55	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		02/01/13 20:55	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/01/13 20:55	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		02/01/13 20:55	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		02/01/13 20:55	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		02/01/13 20:55	67-66-3	
Chloromethane	<4.0	ug/L	4.0	1		02/01/13 20:55	74-87-3	
2-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 20:55	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 20:55	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0	ug/L	4.0	1		02/01/13 20:55	96-12-8	
Dibromochloromethane	<1.0	ug/L	1.0	1		02/01/13 20:55	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		02/01/13 20:55	106-93-4	
Dibromomethane	<4.0	ug/L	4.0	1		02/01/13 20:55	74-95-3	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 20:55	95-50-1	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 20:55	541-73-1	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 20:55	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		02/01/13 20:55	75-71-8	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 20:55	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 20:55	107-06-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 20:55	75-35-4	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 20:55	156-59-2	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 20:55	156-60-5	
1,2-Dichloropropane	<4.0	ug/L	4.0	1		02/01/13 20:55	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		02/01/13 20:55	142-28-9	
2,2-Dichloropropane	<4.0	ug/L	4.0	1		02/01/13 20:55	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		02/01/13 20:55	563-58-6	
cis-1,3-Dichloropropene	<4.0	ug/L	4.0	1		02/01/13 20:55	10061-01-5	
trans-1,3-Dichloropropene	<4.0	ug/L	4.0	1		02/01/13 20:55	10061-02-6	
Ethylbenzene	<1.0	ug/L	1.0	1		02/01/13 20:55	100-41-4	
Hexachloro-1,3-butadiene	<5.0	ug/L	5.0	1		02/01/13 20:55	87-68-3	
2-Hexanone	<4.0	ug/L	4.0	1		02/01/13 20:55	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		02/01/13 20:55	98-82-8	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 23 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-4I-012813	Lab ID: 10218920015	Collected: 01/28/13 11:10	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 20:55	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 20:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 20:55	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 20:55	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 20:55	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:55	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 20:55	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 20:55	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 20:55	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 20:55	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 20:55	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:55	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 20:55	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:55	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 20:55	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 20:55	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 20:55	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 20:55	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:55	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 20:55	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 20:55	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 20:55	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 20:55	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 20:55	95-47-6	
Surrogates								
Dibromofluoromethane (S)	99 %		75-125	1		02/01/13 20:55	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		75-125	1		02/01/13 20:55	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 20:55	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 20:55	460-00-4	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	4660 umhos/cm		10.0	1		02/01/13 14:47		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	2980 mg/L		6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	2460 mg/L		10.0	1		02/05/13 14:58		1M,H1

Sample: GW-MW-4I-012813-(20)	Lab ID: 10218920016	Collected: 01/28/13 11:10	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual

6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0019 mg/L		0.00050	1	02/01/13 14:00	02/02/13 11:50	7440-38-2	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 24 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Project No.: 10218920

Sample:	Lab ID:	Collected:	Received:	Matrix:				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-MW-4I-012813-(20)	Lab ID: 10218920016	01/28/13 11:10	01/30/13 14:07	Water				
6020 MET ICPMS, Lab Filtered								
Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/01/13 14:00	02/02/13 11:50	7440-43-9	
Lead, Dissolved	<0.00010	mg/L	0.00010	1	02/01/13 14:00	02/02/13 11:50	7439-92-1	
Sample: GW-MW-5-012813	Lab ID: 10218920017	01/28/13 12:15	01/30/13 14:07	Water				
NWTPH-Dx GCS								
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Diesel Fuel	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 21:35	68334-30-5	
Motor Oil	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 21:35		
Surrogates								
n-Pentacosane (S)	79	%	50-150	1	02/04/13 07:16	02/09/13 21:35	629-99-2	
NWTPH-Gx/8021BGx GCV								
Analytical Method: NWTPH-Gx/8021								
TPH as Gas	<0.10	mg/L	0.10	1		02/01/13 19:15		
Surrogates								
a,a,a-Trifluorotoluene (S)	98	%	75-125	1		02/01/13 19:15	98-08-8	
Sample: GW-MW-5-012813	Lab ID: 10218920017	01/28/13 12:15	01/30/13 14:07	Water				
6020 MET ICPMS								
Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Arsenic	1.3	mg/L	0.0025	5	02/01/13 10:27	02/03/13 11:07	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/03/13 11:03	7440-43-9	
Lead	0.00072	mg/L	0.00010	1	02/01/13 10:27	02/02/13 15:05	7439-92-1	
8270 MSSV PCP by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Pentachlorophenol	<0.00051	mg/L	0.00051	1	01/31/13 17:06	02/06/13 19:44	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	86	%	42-127	1	01/31/13 17:06	02/06/13 19:44	118-79-6	
8260 VOC								
Analytical Method: EPA 8260								
Acetone	<25.0	ug/L	25.0	1		02/01/13 21:10	67-64-1	
Benzene	<1.0	ug/L	1.0	1		02/01/13 21:10	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/01/13 21:10	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/01/13 21:10	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/01/13 21:10	75-27-4	
Bromoform	<4.0	ug/L	4.0	1		02/01/13 21:10	75-25-2	
Bromomethane	<4.0	ug/L	4.0	1		02/01/13 21:10	74-83-9	
2-Butanone (MEK)	<4.0	ug/L	4.0	1		02/01/13 21:10	78-93-3	
n-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 21:10	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 21:10	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 21:10	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		02/01/13 21:10	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/01/13 21:10	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		02/01/13 21:10	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		02/01/13 21:10	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		02/01/13 21:10	67-66-3	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-5-012813	Lab ID: 10218920017	Collected: 01/28/13 12:15	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 21:10	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 21:10	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 21:10	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 21:10	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 21:10	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 21:10	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 21:10	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:10	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:10	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:10	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 21:10	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:10	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:10	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:10	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:10	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:10	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:10	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 21:10	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:10	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 21:10	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 21:10	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 21:10	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:10	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 21:10	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 21:10	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 21:10	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 21:10	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 21:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 21:10	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 21:10	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 21:10	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:10	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 21:10	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 21:10	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 21:10	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 21:10	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 21:10	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:10	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:10	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:10	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:10	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:10	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 21:10	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:10	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:10	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:10	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 21:10	75-01-4	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 26 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-5-012813		Lab ID: 10218920017	Collected: 01/28/13 12:15	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Xylene (Total)	<3.0	ug/L	3.0	1		02/01/13 21:10	1330-20-7	
m&p-Xylene	<2.0	ug/L	2.0	1		02/01/13 21:10	179601-23-1	
o-Xylene	<1.0	ug/L	1.0	1		02/01/13 21:10	95-47-6	
Surrogates								
Dibromofluoromethane (S)	98 %		75-125	1		02/01/13 21:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		75-125	1		02/01/13 21:10	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 21:10	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 21:10	460-00-4	
Sample: GW-MW-5-012813-(20)		Lab ID: 10218920018	Collected: 01/28/13 12:15	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.46	mg/L	0.0025	5	02/01/13 14:00	02/03/13 09:05	7440-38-2	
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/01/13 14:00	02/02/13 11:55	7440-43-9	
Lead, Dissolved	<0.00010	mg/L	0.00010	1	02/01/13 14:00	02/02/13 11:55	7439-92-1	
Sample: GW-MW-5-012813-(01)		Lab ID: 10218920019	Collected: 01/28/13 12:15	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 21:57	68334-30-5	
Motor Oil	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 21:57		
Surrogates								
n-Pentacosane (S)	50 %		50-150	1	02/04/13 07:16	02/09/13 21:57	629-99-2	
NWTPH-Gx/8021BGx GCV		Analytical Method: NWTPH-Gx/8021						
TPH as Gas	<0.10	mg/L	0.10	1		02/01/13 19:35		
Surrogates								
a,a,a-Trifluorotoluene (S)	100 %		75-125	1		02/01/13 19:35	98-08-8	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	1.3	mg/L	0.0025	5	02/01/13 10:27	02/03/13 11:17	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/03/13 11:12	7440-43-9	
Lead	0.00075	mg/L	0.00010	1	02/01/13 10:27	02/02/13 15:09	7439-92-1	
8270 MSSV PCP by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510						
Pentachlorophenol	<0.00051	mg/L	0.00051	1	01/31/13 17:06	02/06/13 20:04	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	88 %		42-127	1	01/31/13 17:06	02/06/13 20:04	118-79-6	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-5-012813-(01)	Lab ID: 10218920019	Collected: 01/28/13 12:15	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Acetone	<25.0 ug/L		25.0	1		02/01/13 21:24	67-64-1	
Benzene	<1.0 ug/L		1.0	1		02/01/13 21:24	71-43-2	
Bromobenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	108-86-1	
Bromochloromethane	<1.0 ug/L		1.0	1		02/01/13 21:24	74-97-5	
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 21:24	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 21:24	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 21:24	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 21:24	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 21:24	75-15-0	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 21:24	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 21:24	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 21:24	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 21:24	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 21:24	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 21:24	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 21:24	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 21:24	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 21:24	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 21:24	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 21:24	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:24	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:24	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:24	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:24	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:24	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:24	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 21:24	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:24	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 21:24	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 21:24	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 21:24	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 21:24	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 21:24	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 21:24	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 21:24	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 21:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 21:24	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 21:24	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 21:24	91-20-3	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 28 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-5-012813-(01)		Lab ID: 10218920019	Collected: 01/28/13 12:15	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 21:24	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 21:24	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 21:24	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 21:24	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 21:24	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:24	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:24	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:24	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 21:24	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:24	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:24	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 21:24	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 21:24	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 21:24	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 21:24	95-47-6	
Surrogates								
Dibromofluoromethane (S)	97 %		75-125	1		02/01/13 21:24	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		75-125	1		02/01/13 21:24	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 21:24	2037-26-5	
4-Bromofluorobenzene (S)	100 %		75-125	1		02/01/13 21:24	460-00-4	

Sample: GW-MW-5-012813-(21)		Lab ID: 10218920020	Collected: 01/28/13 12:15	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.49 mg/L		0.0025	5	02/01/13 14:00	02/03/13 09:10	7440-38-2	
Cadmium, Dissolved	<0.000080 mg/L		0.000080	1	02/01/13 14:00	02/02/13 12:00	7440-43-9	
Lead, Dissolved	<0.00010 mg/L		0.00010	1	02/01/13 14:00	02/02/13 12:00	7439-92-1	

Sample: GW-MW-5I-012813		Lab ID: 10218920021	Collected: 01/28/13 13:30	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10 mg/L		0.10	1	02/04/13 07:16	02/09/13 22:19	68334-30-5	
Motor Oil	<0.10 mg/L		0.10	1	02/04/13 07:16	02/09/13 22:19		
Surrogates								
n-Pentacosane (S)	71 %		50-150	1	02/04/13 07:16	02/09/13 22:19	629-99-2	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

Sample: GW-MW-5I-012813		Lab ID: 10218920021	Collected: 01/28/13 13:30	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.0017	mg/L	0.00050	1	02/01/13 10:27	02/04/13 12:04	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/04/13 12:04	7440-43-9	
Lead	0.00085	mg/L	0.00010	1	02/01/13 10:27	02/04/13 12:04	7439-92-1	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	5840	umhos/cm	10.0	1		02/01/13 14:50		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	3730	mg/L	6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	3230	mg/L	10.0	1		02/05/13 15:00		1M,H1

Sample: GW-MW-5I-012813-(20)		Lab ID: 10218920022	Collected: 01/28/13 13:30	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0034	mg/L	0.00050	1	02/01/13 14:00	02/02/13 12:04	7440-38-2	
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/01/13 14:00	02/02/13 12:04	7440-43-9	
Lead, Dissolved	0.00010	mg/L	0.00010	1	02/01/13 14:00	02/02/13 12:04	7439-92-1	

Sample: GW-MW-6-012813		Lab ID: 10218920023	Collected: 01/28/13 14:25	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 23:25	68334-30-5	
Motor Oil	<0.10	mg/L	0.10	1	02/04/13 07:16	02/09/13 23:25		
Surrogates								
n-Pentacosane (S)	75	%	50-150	1	02/04/13 07:16	02/09/13 23:25	629-99-2	
NWTPH-Gx/8021BGx GCV		Analytical Method: NWTPH-Gx/8021						
TPH as Gas	<0.10	mg/L	0.10	1		02/01/13 15:01		
Surrogates								
a,a,a-Trifluorotoluene (S)	99	%	75-125	1		02/01/13 15:01	98-08-8	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	2.0	mg/L	0.0025	5	02/01/13 10:23	02/02/13 16:38	7440-38-2	M6
Cadmium	<0.00040	mg/L	0.00040	5	02/01/13 10:23	02/02/13 16:38	7440-43-9	D3
Lead	0.0016	mg/L	0.00050	5	02/01/13 10:23	02/02/13 16:38	7439-92-1	
8270 MSSV PCP by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510						
Pentachlorophenol	<0.00051	mg/L	0.00051	1	01/31/13 17:06	02/06/13 20:24	87-86-5	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 30 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-6-012813	Lab ID: 10218920023	Collected: 01/28/13 14:25	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PCP by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510						
Surrogates								
2,4,6-Tribromophenol (S)	34 %		42-127	1	01/31/13 17:06	02/06/13 20:24	118-79-6	2M, S1
8260 VOC		Analytical Method: EPA 8260						
Acetone	<25.0 ug/L		25.0	1		02/01/13 19:57	67-64-1	
Benzene	<1.0 ug/L		1.0	1		02/01/13 19:57	71-43-2	
Bromobenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	108-86-1	
Bromochloromethane	<1.0 ug/L		1.0	1		02/01/13 19:57	74-97-5	
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 19:57	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 19:57	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 19:57	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 19:57	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 19:57	75-15-0	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 19:57	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 19:57	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 19:57	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 19:57	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 19:57	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 19:57	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 19:57	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 19:57	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 19:57	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 19:57	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 19:57	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:57	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:57	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:57	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:57	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:57	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 19:57	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 19:57	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 19:57	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 19:57	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 19:57	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 19:57	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 19:57	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 19:57	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 19:57	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 19:57	99-87-6	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 31 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-6-012813	Lab ID: 10218920023	Collected: 01/28/13 14:25	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 19:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 19:57	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 19:57	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 19:57	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 19:57	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 19:57	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 19:57	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 19:57	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 19:57	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:57	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:57	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:57	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 19:57	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 19:57	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:57	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 19:57	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 19:57	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 19:57	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 19:57	95-47-6	
Surrogates								
Dibromofluoromethane (S)	99 %		75-125	1		02/01/13 19:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		75-125	1		02/01/13 19:57	17060-07-0	
Toluene-d8 (S)	99 %		75-125	1		02/01/13 19:57	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 19:57	460-00-4	

Sample: GW-MW-6-012813-(20)	Lab ID: 10218920024	Collected: 01/28/13 14:25	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	1.8 mg/L		0.0025	5	02/01/13 14:00	02/03/13 09:15	7440-38-2	
Cadmium, Dissolved	<0.000080 mg/L		0.000080	1	02/01/13 14:00	02/02/13 12:09	7440-43-9	
Lead, Dissolved	0.00062 mg/L		0.00010	1	02/01/13 14:00	02/02/13 12:09	7439-92-1	

Sample: GW-MW-2I-012913	Lab ID: 10218920025	Collected: 01/29/13 11:45	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.0014 mg/L		0.00050	1	02/01/13 10:27	02/04/13 12:09	7440-38-2	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-2I-012913	Lab ID: 10218920025	Collected: 01/29/13 11:45	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS								
Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/04/13 12:09	7440-43-9	
Lead	0.00074	mg/L	0.00010	1	02/01/13 10:27	02/04/13 12:09	7439-92-1	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	<0.00020	mg/L	0.00020	1	02/08/13 11:22	02/08/13 15:14	7439-97-6	
8270 MSSV PCP by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Pentachlorophenol	<0.00051	mg/L	0.00051	1	01/31/13 17:06	02/06/13 22:05	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	85 %		42-127	1	01/31/13 17:06	02/06/13 22:05	118-79-6	
8260 VOC								
Analytical Method: EPA 8260								
Acetone	<25.0	ug/L	25.0	1		02/01/13 21:39	67-64-1	
Benzene	<1.0	ug/L	1.0	1		02/01/13 21:39	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/01/13 21:39	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/01/13 21:39	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/01/13 21:39	75-27-4	
Bromoform	<4.0	ug/L	4.0	1		02/01/13 21:39	75-25-2	
Bromomethane	<4.0	ug/L	4.0	1		02/01/13 21:39	74-83-9	
2-Butanone (MEK)	<4.0	ug/L	4.0	1		02/01/13 21:39	78-93-3	
n-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 21:39	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 21:39	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 21:39	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		02/01/13 21:39	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/01/13 21:39	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		02/01/13 21:39	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		02/01/13 21:39	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		02/01/13 21:39	67-66-3	
Chloromethane	<4.0	ug/L	4.0	1		02/01/13 21:39	74-87-3	
2-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 21:39	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 21:39	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0	ug/L	4.0	1		02/01/13 21:39	96-12-8	
Dibromochloromethane	<1.0	ug/L	1.0	1		02/01/13 21:39	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		02/01/13 21:39	106-93-4	
Dibromomethane	<4.0	ug/L	4.0	1		02/01/13 21:39	74-95-3	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 21:39	95-50-1	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 21:39	541-73-1	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 21:39	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		02/01/13 21:39	75-71-8	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 21:39	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 21:39	107-06-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 21:39	75-35-4	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 21:39	156-59-2	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 21:39	156-60-5	
1,2-Dichloropropane	<4.0	ug/L	4.0	1		02/01/13 21:39	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		02/01/13 21:39	142-28-9	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Project No.: 10218920

Sample: GW-MW-2I-012913	Lab ID: 10218920025	Collected: 01/29/13 11:45	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:39	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 21:39	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 21:39	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 21:39	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:39	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 21:39	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 21:39	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 21:39	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 21:39	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 21:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 21:39	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 21:39	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 21:39	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:39	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 21:39	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 21:39	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 21:39	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 21:39	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 21:39	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:39	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:39	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:39	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:39	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:39	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 21:39	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:39	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:39	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:39	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 21:39	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 21:39	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 21:39	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 21:39	95-47-6	
Surrogates								
Dibromofluoromethane (S)	98 %		75-125	1		02/01/13 21:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		75-125	1		02/01/13 21:39	17060-07-0	
Toluene-d8 (S)	99 %		75-125	1		02/01/13 21:39	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 21:39	460-00-4	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	6490 umhos/cm		10.0	1		02/01/13 14:51		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	4160 mg/L		6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	3540 mg/L		10.0	1		02/05/13 15:00		

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 34 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample:	Lab ID:	Collected:	Received:	Matrix:				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-MW-2I-012913-(20)	Lab ID: 10218920026	01/29/13 11:45	01/30/13 14:07	Water				
6020 MET ICPMS, Lab Filtered								
Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Arsenic, Dissolved	0.0010 mg/L		0.00050	1	02/01/13 14:00	02/02/13 12:30	7440-38-2	
Cadmium, Dissolved	<0.000080 mg/L		0.000080	1	02/01/13 14:00	02/02/13 12:30	7440-43-9	
Lead, Dissolved	<0.00010 mg/L		0.00010	1	02/01/13 14:00	02/02/13 12:30	7439-92-1	
7470 Mercury, Lab Filtered								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	<0.00020 mg/L		0.00020	1	02/04/13 18:25	02/05/13 18:28	7439-97-6	
Sample: GW-MW-1-012913	Lab ID: 10218920027	01/29/13 13:35	01/30/13 14:07	Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS								
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Diesel Fuel	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 02:20	68334-30-5	
Motor Oil	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 02:20		
Surrogates								
n-Pentacosane (S)	89 %		50-150	1	02/05/13 15:40	02/10/13 02:20	629-99-2	
NWTPH-Gx/8021BGx GCV								
Analytical Method: NWTPH-Gx/8021								
TPH as Gas	<0.10 mg/L		0.10	1		02/01/13 19:54		
Surrogates								
a,a,a-Trifluorotoluene (S)	100 %		75-125	1		02/01/13 19:54	98-08-8	
6020 MET ICPMS								
Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Arsenic	0.027 mg/L		0.00050	1	02/01/13 10:27	02/04/13 12:14	7440-38-2	
Cadmium	<0.000080 mg/L		0.000080	1	02/01/13 10:27	02/04/13 12:14	7440-43-9	
Lead	0.00083 mg/L		0.00010	1	02/01/13 10:27	02/04/13 12:14	7439-92-1	
8270 MSSV PCP by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Pentachlorophenol	<0.00051 mg/L		0.00051	1	01/31/13 17:06	02/06/13 22:25	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	89 %		42-127	1	01/31/13 17:06	02/06/13 22:25	118-79-6	
8260 VOC								
Analytical Method: EPA 8260								
Acetone	<25.0 ug/L		25.0	1		02/01/13 21:54	67-64-1	
Benzene	<1.0 ug/L		1.0	1		02/01/13 21:54	71-43-2	
Bromobenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	108-86-1	
Bromochloromethane	<1.0 ug/L		1.0	1		02/01/13 21:54	74-97-5	
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 21:54	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 21:54	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 21:54	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 21:54	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 21:54	75-15-0	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-1-012913	Lab ID: 10218920027	Collected: 01/29/13 13:35	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 21:54	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 21:54	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 21:54	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 21:54	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 21:54	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 21:54	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 21:54	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 21:54	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 21:54	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 21:54	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 21:54	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:54	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:54	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:54	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:54	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:54	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:54	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 21:54	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 21:54	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 21:54	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 21:54	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 21:54	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 21:54	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 21:54	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 21:54	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 21:54	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 21:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 21:54	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 21:54	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 21:54	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 21:54	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 21:54	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 21:54	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 21:54	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 21:54	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 21:54	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:54	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 21:54	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 21:54	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 21:54	75-69-4	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 36 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-1-012913		Lab ID: 10218920027	Collected: 01/29/13 13:35	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
1,2,3-Trichloropropane	<4.0	ug/L	4.0	1		02/01/13 21:54	96-18-4	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		02/01/13 21:54	95-63-6	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		02/01/13 21:54	108-67-8	
Vinyl chloride	<0.40	ug/L	0.40	1		02/01/13 21:54	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		02/01/13 21:54	1330-20-7	
m&p-Xylene	<2.0	ug/L	2.0	1		02/01/13 21:54	179601-23-1	
o-Xylene	<1.0	ug/L	1.0	1		02/01/13 21:54	95-47-6	
Surrogates								
Dibromofluoromethane (S)	98 %		75-125	1		02/01/13 21:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	97 %		75-125	1		02/01/13 21:54	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 21:54	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 21:54	460-00-4	

Sample: GW-MW-1-012913-(20)		Lab ID: 10218920028	Collected: 01/29/13 13:35	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0093	mg/L	0.00050	1	02/01/13 14:00	02/02/13 12:34	7440-38-2	
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/01/13 14:00	02/02/13 12:34	7440-43-9	
Lead, Dissolved	<0.00010	mg/L	0.00010	1	02/01/13 14:00	02/02/13 12:34	7439-92-1	

Sample: GW-MW-1I-012913		Lab ID: 10218920029	Collected: 01/29/13 14:20	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.0015	mg/L	0.00050	1	02/01/13 10:27	02/04/13 12:19	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:27	02/04/13 12:19	7440-43-9	
Lead	0.0013	mg/L	0.00010	1	02/01/13 10:27	02/04/13 12:19	7439-92-1	
8270 MSSV PCP by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510						
Pentachlorophenol	<0.00052	mg/L	0.00052	1	01/31/13 17:06	02/06/13 22:45	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	83 %		42-127	1	01/31/13 17:06	02/06/13 22:45	118-79-6	
8260 VOC		Analytical Method: EPA 8260						
Acetone	<25.0	ug/L	25.0	1		02/01/13 22:08	67-64-1	
Benzene	<1.0	ug/L	1.0	1		02/01/13 22:08	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/01/13 22:08	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/01/13 22:08	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/01/13 22:08	75-27-4	
Bromoform	<4.0	ug/L	4.0	1		02/01/13 22:08	75-25-2	
Bromomethane	<4.0	ug/L	4.0	1		02/01/13 22:08	74-83-9	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 37 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-11-012913	Lab ID: 10218920029	Collected: 01/29/13 14:20	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 22:08	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 22:08	75-15-0	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 22:08	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 22:08	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 22:08	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 22:08	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 22:08	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 22:08	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 22:08	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 22:08	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 22:08	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 22:08	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 22:08	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:08	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:08	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:08	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:08	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:08	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 22:08	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 22:08	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 22:08	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 22:08	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 22:08	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 22:08	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 22:08	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 22:08	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 22:08	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 22:08	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 22:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 22:08	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 22:08	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 22:08	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 22:08	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 22:08	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 22:08	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 22:08	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 22:08	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	87-61-6	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 38 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-11-012913		Lab ID: 10218920029	Collected: 01/29/13 14:20	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:08	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:08	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:08	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 22:08	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 22:08	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:08	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 22:08	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 22:08	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 22:08	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 22:08	95-47-6	
Surrogates								
Dibromofluoromethane (S)	97 %		75-125	1		02/01/13 22:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	97 %		75-125	1		02/01/13 22:08	17060-07-0	
Toluene-d8 (S)	99 %		75-125	1		02/01/13 22:08	2037-26-5	
4-Bromofluorobenzene (S)	98 %		75-125	1		02/01/13 22:08	460-00-4	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	6210 umhos/cm		10.0	1		02/01/13 14:54		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	3970 mg/L		6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	3050 mg/L		10.0	1		02/05/13 15:01		

Sample: GW-MW-11-012913-(20)		Lab ID: 10218920030	Collected: 01/29/13 14:20	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0011 mg/L		0.00050	1	02/01/13 14:00	02/03/13 09:20	7440-38-2	
Cadmium, Dissolved	<0.000080 mg/L		0.000080	1	02/01/13 14:00	02/03/13 09:20	7440-43-9	
Lead, Dissolved	<0.00010 mg/L		0.00010	1	02/01/13 14:00	02/03/13 09:20	7439-92-1	

Sample: EB-PUMP-1-012913		Lab ID: 10218920031	Collected: 01/29/13 14:35	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 02:41	68334-30-5	
Motor Oil	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 02:41		

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: EB-PUMP-1-012913	Lab ID: 10218920031	Collected: 01/29/13 14:35	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Surrogates								
n-Pentacosane (S)	89 %		50-150	1	02/05/13 15:40	02/10/13 02:41	629-99-2	
NWTPH-Gx/8021BGx GCV Analytical Method: NWTPH-Gx/8021								
TPH as Gas	<0.10 mg/L		0.10	1		02/01/13 20:14		
Surrogates								
a,a,a-Trifluorotoluene (S)	96 %		75-125	1		02/01/13 20:14	98-08-8	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Arsenic	0.00084 mg/L		0.00050	1	02/01/13 10:27	02/04/13 12:24	7440-38-2	
Cadmium	<0.000080 mg/L		0.000080	1	02/01/13 10:27	02/04/13 12:24	7440-43-9	
Lead	0.00078 mg/L		0.00010	1	02/01/13 10:27	02/04/13 12:24	7439-92-1	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	<0.00020 mg/L		0.00020	1	02/08/13 11:22	02/08/13 15:16	7439-97-6	
8270 MSSV PCP by SIM Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Pentachlorophenol	<0.00053 mg/L		0.00053	1	01/31/13 17:06	02/06/13 23:05	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	82 %		42-127	1	01/31/13 17:06	02/06/13 23:05	118-79-6	
8260 VOC Analytical Method: EPA 8260								
Acetone	<25.0 ug/L		25.0	1		02/01/13 19:28	67-64-1	
Benzene	<1.0 ug/L		1.0	1		02/01/13 19:28	71-43-2	
Bromobenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	108-86-1	
Bromochloromethane	<1.0 ug/L		1.0	1		02/01/13 19:28	74-97-5	
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 19:28	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 19:28	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 19:28	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 19:28	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 19:28	75-15-0	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 19:28	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 19:28	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 19:28	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 19:28	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 19:28	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 19:28	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 19:28	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 19:28	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 19:28	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 19:28	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	95-50-1	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: EB-PUMP-1-012913	Lab ID: 10218920031	Collected: 01/29/13 14:35	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 19:28	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:28	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:28	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:28	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:28	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:28	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 19:28	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 19:28	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 19:28	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 19:28	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 19:28	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 19:28	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 19:28	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 19:28	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 19:28	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 19:28	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 19:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 19:28	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 19:28	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 19:28	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 19:28	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 19:28	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 19:28	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 19:28	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 19:28	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:28	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:28	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:28	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 19:28	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 19:28	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:28	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 19:28	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 19:28	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 19:28	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 19:28	95-47-6	
Surrogates								
Dibromofluoromethane (S)	100 %		75-125	1		02/01/13 19:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		75-125	1		02/01/13 19:28	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 19:28	2037-26-5	
4-Bromofluorobenzene (S)	100 %		75-125	1		02/01/13 19:28	460-00-4	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 41 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: EB-PUMP-1-012913		Lab ID: 10218920031	Collected: 01/29/13 14:35	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	28.4	umhos/cm	10.0	1		02/01/13 14:55		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	18.2	mg/L	6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	32.0	mg/L	10.0	1		02/05/13 15:02		

Sample: EB-PUMP-1-012913-(20)		Lab ID: 10218920032	Collected: 01/29/13 14:35	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0011	mg/L	0.00050	1	02/01/13 14:00	02/02/13 12:48	7440-38-2	
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/01/13 14:00	02/02/13 12:48	7440-43-9	
Lead, Dissolved	0.00038	mg/L	0.00010	1	02/01/13 14:00	02/02/13 12:48	7439-92-1	
7470 Mercury, Lab Filtered		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury, Dissolved	<0.00020	mg/L	0.00020	1	02/04/13 18:25	02/05/13 18:31	7439-97-6	

Sample: GW-MW-3-013013		Lab ID: 10218920033	Collected: 01/30/13 09:30	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10	mg/L	0.10	1	02/05/13 15:40	02/10/13 03:03	68334-30-5	
Motor Oil	<0.10	mg/L	0.10	1	02/05/13 15:40	02/10/13 03:03		
Surrogates								
n-Pentacosane (S)	79	%	50-150	1	02/05/13 15:40	02/10/13 03:03	629-99-2	
NWTPH-Gx/8021BGx GCV		Analytical Method: NWTPH-Gx/8021						
TPH as Gas	<0.10	mg/L	0.10	1		02/01/13 20:33		
Surrogates								
a,a,a-Trifluorotoluene (S)	101	%	75-125	1		02/01/13 20:33	98-08-8	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	5.7	mg/L	0.025	50	02/01/13 10:27	02/04/13 12:33	7440-38-2	
Cadmium	<0.00040	mg/L	0.00040	5	02/01/13 10:27	02/04/13 12:28	7440-43-9	
Lead	0.58	mg/L	0.00050	5	02/01/13 10:27	02/04/13 12:28	7439-92-1	
8270 MSSV PCP by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510						
Pentachlorophenol	<0.00052	mg/L	0.00052	1	01/31/13 17:06	02/06/13 23:25	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	53	%	42-127	1	01/31/13 17:06	02/06/13 23:25	118-79-6	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 42 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-3-013013	Lab ID: 10218920033	Collected: 01/30/13 09:30	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Acetone	<25.0 ug/L		25.0	1		02/01/13 22:23	67-64-1	
Benzene	<1.0 ug/L		1.0	1		02/01/13 22:23	71-43-2	
Bromobenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	108-86-1	
Bromochloromethane	<1.0 ug/L		1.0	1		02/01/13 22:23	74-97-5	
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 22:23	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 22:23	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 22:23	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 22:23	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 22:23	75-15-0	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 22:23	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 22:23	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 22:23	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 22:23	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 22:23	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 22:23	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 22:23	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 22:23	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 22:23	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 22:23	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 22:23	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:23	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:23	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:23	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:23	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:23	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 22:23	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 22:23	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 22:23	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 22:23	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 22:23	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 22:23	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 22:23	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 22:23	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 22:23	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 22:23	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 22:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 22:23	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 22:23	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 22:23	91-20-3	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 43 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-3-013013		Lab ID: 10218920033	Collected: 01/30/13 09:30	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 22:23	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 22:23	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 22:23	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 22:23	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 22:23	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:23	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:23	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:23	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 22:23	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 22:23	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:23	108-67-8	
Vinyl chloride	0.47 ug/L		0.40	1		02/01/13 22:23	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 22:23	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 22:23	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 22:23	95-47-6	
Surrogates								
Dibromofluoromethane (S)	97 %		75-125	1		02/01/13 22:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	96 %		75-125	1		02/01/13 22:23	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 22:23	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 22:23	460-00-4	

Sample: GW-MW-3-013013-(20)		Lab ID: 10218920034	Collected: 01/30/13 09:30	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	5.0 mg/L		0.010	20	02/01/13 14:00	02/02/13 12:58	7440-38-2	
Cadmium, Dissolved	<0.000080 mg/L		0.000080	1	02/01/13 14:00	02/02/13 12:53	7440-43-9	
Lead, Dissolved	0.11 mg/L		0.00010	1	02/01/13 14:00	02/02/13 12:53	7439-92-1	

Sample: GW-MW-3I-013013		Lab ID: 10218920035	Collected: 01/30/13 10:30	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	1.7 mg/L		0.0025	5	02/01/13 10:23	02/02/13 17:00	7440-38-2	
Cadmium	<0.00040 mg/L		0.00040	5	02/01/13 10:23	02/02/13 17:00	7440-43-9	D3
Lead	0.42 mg/L		0.00050	5	02/01/13 10:23	02/02/13 17:00	7439-92-1	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-3I-013013	Lab ID: 10218920035	Collected: 01/30/13 10:30	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	0.00046	mg/L	0.00020	1	02/08/13 11:22	02/08/13 15:18	7439-97-6	
8270 MSSV PCP by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Pentachlorophenol	<0.00051	mg/L	0.00051	1	01/31/13 17:06	02/06/13 23:45	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	84	%	42-127	1	01/31/13 17:06	02/06/13 23:45	118-79-6	
8260 VOC								
Analytical Method: EPA 8260								
Acetone	<25.0	ug/L	25.0	1		02/01/13 22:37	67-64-1	
Benzene	<1.0	ug/L	1.0	1		02/01/13 22:37	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/01/13 22:37	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/01/13 22:37	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/01/13 22:37	75-27-4	
Bromoform	<4.0	ug/L	4.0	1		02/01/13 22:37	75-25-2	
Bromomethane	<4.0	ug/L	4.0	1		02/01/13 22:37	74-83-9	
2-Butanone (MEK)	<4.0	ug/L	4.0	1		02/01/13 22:37	78-93-3	
n-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 22:37	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 22:37	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 22:37	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		02/01/13 22:37	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/01/13 22:37	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		02/01/13 22:37	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		02/01/13 22:37	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		02/01/13 22:37	67-66-3	
Chloromethane	<4.0	ug/L	4.0	1		02/01/13 22:37	74-87-3	
2-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 22:37	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 22:37	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0	ug/L	4.0	1		02/01/13 22:37	96-12-8	
Dibromochloromethane	<1.0	ug/L	1.0	1		02/01/13 22:37	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		02/01/13 22:37	106-93-4	
Dibromomethane	<4.0	ug/L	4.0	1		02/01/13 22:37	74-95-3	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 22:37	95-50-1	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 22:37	541-73-1	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 22:37	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		02/01/13 22:37	75-71-8	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 22:37	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 22:37	107-06-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 22:37	75-35-4	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 22:37	156-59-2	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 22:37	156-60-5	
1,2-Dichloropropane	<4.0	ug/L	4.0	1		02/01/13 22:37	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		02/01/13 22:37	142-28-9	
2,2-Dichloropropane	<4.0	ug/L	4.0	1		02/01/13 22:37	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		02/01/13 22:37	563-58-6	
cis-1,3-Dichloropropene	<4.0	ug/L	4.0	1		02/01/13 22:37	10061-01-5	
trans-1,3-Dichloropropene	<4.0	ug/L	4.0	1		02/01/13 22:37	10061-02-6	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 45 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-3I-013013	Lab ID: 10218920035	Collected: 01/30/13 10:30	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:37	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 22:37	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 22:37	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 22:37	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 22:37	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 22:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 22:37	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 22:37	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 22:37	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:37	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 22:37	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 22:37	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 22:37	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 22:37	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 22:37	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:37	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:37	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:37	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:37	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:37	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 22:37	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 22:37	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:37	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:37	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 22:37	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 22:37	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 22:37	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 22:37	95-47-6	
Surrogates								
Dibromofluoromethane (S)	97 %		75-125	1		02/01/13 22:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		75-125	1		02/01/13 22:37	17060-07-0	
Toluene-d8 (S)	99 %		75-125	1		02/01/13 22:37	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 22:37	460-00-4	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	6670 umhos/cm		10.0	1		02/01/13 15:01		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	4270 mg/L		6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	3540 mg/L		20.0	1		02/05/13 15:03		

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-3I-013013-(20)		Lab ID: 10218920036	Collected: 01/30/13 10:30	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.91 mg/L		0.0025	5	02/06/13 09:16	02/08/13 12:51	7440-38-2	M6
Cadmium, Dissolved	<0.00040 mg/L		0.00040	5	02/06/13 09:16	02/08/13 12:51	7440-43-9	D3
Lead, Dissolved	0.00084 mg/L		0.00050	5	02/06/13 09:16	02/08/13 12:51	7439-92-1	
7470 Mercury, Lab Filtered		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury, Dissolved	<0.00020 mg/L		0.00020	1	02/04/13 18:25	02/05/13 18:33	7439-97-6	

Sample: GW-MW-8I-013013		Lab ID: 10218920037	Collected: 01/30/13 11:45	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 03:25	68334-30-5	
Motor Oil	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 03:25		
Surrogates								
n-Pentacosane (S)	85 %		50-150	1	02/05/13 15:40	02/10/13 03:25	629-99-2	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.0014 mg/L		0.00050	1	02/01/13 10:23	02/02/13 17:04	7440-38-2	
Cadmium	<0.000080 mg/L		0.000080	1	02/01/13 10:23	02/02/13 17:04	7440-43-9	
Lead	0.00021 mg/L		0.00010	1	02/01/13 10:23	02/02/13 17:04	7439-92-1	
8270 MSSV PCP by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510						
Pentachlorophenol	<0.00051 mg/L		0.00051	1	01/31/13 17:06	02/07/13 00:05	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	86 %		42-127	1	01/31/13 17:06	02/07/13 00:05	118-79-6	
8260 VOC		Analytical Method: EPA 8260						
Acetone	<25.0 ug/L		25.0	1		02/01/13 22:52	67-64-1	
Benzene	<1.0 ug/L		1.0	1		02/01/13 22:52	71-43-2	
Bromobenzene	<1.0 ug/L		1.0	1		02/01/13 22:52	108-86-1	
Bromochloromethane	<1.0 ug/L		1.0	1		02/01/13 22:52	74-97-5	
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 22:52	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 22:52	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 22:52	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 22:52	78-93-3	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 22:52	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 22:52	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 22:52	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 22:52	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 22:52	74-87-3	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 22:52	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 22:52	106-93-4	
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 22:52	74-95-3	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 22:52	75-71-8	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Lab Project No.: 10218920

Sample: GW-MW-8I-013013		Lab ID: 10218920037	Collected: 01/30/13 11:45	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:52	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:52	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:52	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:52	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:52	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 22:52	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 22:52	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 22:52	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 22:52	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 22:52	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 22:52	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 22:52	100-41-4	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 22:52	98-82-8	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 22:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 22:52	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 22:52	1634-04-4	
Styrene	<1.0 ug/L		1.0	1		02/01/13 22:52	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 22:52	630-20-6	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 22:52	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 22:52	108-88-3	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:52	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 22:52	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 22:52	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 22:52	75-69-4	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 22:52	75-01-4	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 22:52	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 22:52	95-47-6	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	<10.0 umhos/cm		10.0	1		02/05/13 14:59		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	<6.0 mg/L		6.0	1		02/07/13 09:56		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	3910 mg/L		10.0	1		02/05/13 15:04		

Sample: GW-MW-8I-013013-(20)		Lab ID: 10218920038	Collected: 01/30/13 11:45	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0027 mg/L		0.0025	5	02/06/13 09:16	02/08/13 13:22	7440-38-2	
Cadmium, Dissolved	<0.00040	mg/L	0.00040	5	02/06/13 09:16	02/08/13 13:22	7440-43-9	D3
Lead, Dissolved	<0.00050	mg/L	0.00050	5	02/06/13 09:16	02/08/13 13:22	7439-92-1	D3

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 48 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-8-013013	Lab ID: 10218920039	Collected: 01/30/13 12:15	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS								
Analytical Method: NWTPH-Dx Preparation Method: EPA 3510								
Diesel Fuel	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 03:47	68334-30-5	
Motor Oil	<0.10 mg/L		0.10	1	02/05/13 15:40	02/10/13 03:47		
Surrogates								
n-Pentacosane (S)	79 %		50-150	1	02/05/13 15:40	02/10/13 03:47	629-99-2	
NWTPH-Gx/8021BGx GCV								
Analytical Method: NWTPH-Gx/8021								
TPH as Gas	<0.10 mg/L		0.10	1		02/01/13 20:53		
Surrogates								
a,a,a-Trifluorotoluene (S)	97 %		75-125	1		02/01/13 20:53	98-08-8	
6020 MET ICPMS								
Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Arsenic	16.5 mg/L		0.050	100	02/01/13 10:23	02/04/13 12:38	7440-38-2	
Cadmium	<0.000080 mg/L		0.000080	1	02/01/13 10:23	02/02/13 17:09	7440-43-9	
Lead	0.00048 mg/L		0.00010	1	02/01/13 10:23	02/02/13 17:09	7439-92-1	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	<0.00020 mg/L		0.00020	1	02/08/13 11:22	02/08/13 15:21	7439-97-6	
8270 MSSV PCP by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Pentachlorophenol	<0.00051 mg/L		0.00051	1	01/31/13 17:06	02/07/13 00:25	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	93 %		42-127	1	01/31/13 17:06	02/07/13 00:25	118-79-6	
8260 VOC								
Analytical Method: EPA 8260								
Acetone	<25.0 ug/L		25.0	1		02/01/13 23:07	67-64-1	
Benzene	<1.0 ug/L		1.0	1		02/01/13 23:07	71-43-2	
Bromobenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	108-86-1	
Bromochloromethane	<1.0 ug/L		1.0	1		02/01/13 23:07	74-97-5	
Bromodichloromethane	<1.0 ug/L		1.0	1		02/01/13 23:07	75-27-4	
Bromoform	<4.0 ug/L		4.0	1		02/01/13 23:07	75-25-2	
Bromomethane	<4.0 ug/L		4.0	1		02/01/13 23:07	74-83-9	
2-Butanone (MEK)	<4.0 ug/L		4.0	1		02/01/13 23:07	78-93-3	
n-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	104-51-8	
sec-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	135-98-8	
tert-Butylbenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	98-06-6	
Carbon disulfide	<1.0 ug/L		1.0	1		02/01/13 23:07	75-15-0	
Carbon tetrachloride	<1.0 ug/L		1.0	1		02/01/13 23:07	56-23-5	
Chlorobenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	108-90-7	
Chloroethane	<1.0 ug/L		1.0	1		02/01/13 23:07	75-00-3	
Chloroform	<1.0 ug/L		1.0	1		02/01/13 23:07	67-66-3	
Chloromethane	<4.0 ug/L		4.0	1		02/01/13 23:07	74-87-3	
2-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 23:07	95-49-8	
4-Chlorotoluene	<1.0 ug/L		1.0	1		02/01/13 23:07	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0 ug/L		4.0	1		02/01/13 23:07	96-12-8	
Dibromochloromethane	<1.0 ug/L		1.0	1		02/01/13 23:07	124-48-1	
1,2-Dibromoethane (EDB)	<1.0 ug/L		1.0	1		02/01/13 23:07	106-93-4	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: GW-MW-8-013013	Lab ID: 10218920039	Collected: 01/30/13 12:15	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Dibromomethane	<4.0 ug/L		4.0	1		02/01/13 23:07	74-95-3	
1,2-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	95-50-1	
1,3-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	541-73-1	
1,4-Dichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	106-46-7	
Dichlorodifluoromethane	<1.0 ug/L		1.0	1		02/01/13 23:07	75-71-8	
1,1-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 23:07	75-34-3	
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 23:07	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 23:07	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 23:07	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 23:07	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 23:07	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 23:07	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 23:07	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 23:07	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 23:07	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 23:07	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 23:07	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 23:07	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 23:07	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 23:07	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 23:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 23:07	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 23:07	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 23:07	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 23:07	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 23:07	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 23:07	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 23:07	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 23:07	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 23:07	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 23:07	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 23:07	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 23:07	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 23:07	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 23:07	108-67-8	
Vinyl chloride	1.1 ug/L		0.40	1		02/01/13 23:07	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 23:07	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 23:07	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 23:07	95-47-6	
Surrogates								
Dibromofluoromethane (S)	96 %		75-125	1		02/01/13 23:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	97 %		75-125	1		02/01/13 23:07	17060-07-0	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 50 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

Sample: GW-MW-8-013013		Lab ID: 10218920039	Collected: 01/30/13 12:15	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Surrogates								
Toluene-d8 (S)	100 %		75-125	1		02/01/13 23:07	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 23:07	460-00-4	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	7390	umhos/cm	10.0	1		02/01/13 15:04		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	4730	mg/L	6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	4070	mg/L	10.0	1		02/05/13 15:05		

Sample: GW-MW-8-013013-(20)		Lab ID: 10218920040	Collected: 01/30/13 12:15	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	13.4	mg/L	0.025	50	02/01/13 14:00	02/03/13 09:25	7440-38-2	
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/01/13 14:00	02/02/13 13:02	7440-43-9	
Lead, Dissolved	<0.00010	mg/L	0.00010	1	02/01/13 14:00	02/02/13 13:02	7439-92-1	
7470 Mercury, Lab Filtered		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury, Dissolved	<0.00020	mg/L	0.00020	1	02/04/13 18:25	02/05/13 18:36	7439-97-6	

Sample: EB-PUMP-1-013013		Lab ID: 10218920041	Collected: 01/30/13 12:45	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510						
Diesel Fuel	<0.10	mg/L	0.10	1	02/05/13 15:40	02/10/13 04:09	68334-30-5	
Motor Oil	<0.10	mg/L	0.10	1	02/05/13 15:40	02/10/13 04:09		
Surrogates								
n-Pentacosane (S)	91 %		50-150	1	02/05/13 15:40	02/10/13 04:09	629-99-2	
NWTPH-Gx/8021BGx GCV		Analytical Method: NWTPH-Gx/8021						
TPH as Gas	<0.10	mg/L	0.10	1		02/01/13 21:13		
Surrogates								
a,a,a-Trifluorotoluene (S)	97 %		75-125	1		02/01/13 21:13	98-08-8	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic	0.0095	mg/L	0.00050	1	02/01/13 10:23	02/02/13 17:14	7440-38-2	
Cadmium	<0.000080	mg/L	0.000080	1	02/01/13 10:23	02/02/13 17:14	7440-43-9	
Lead	0.0032	mg/L	0.00010	1	02/01/13 10:23	02/02/13 17:14	7439-92-1	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 51 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: EB-PUMP-1-013013	Lab ID: 10218920041	Collected: 01/30/13 12:45	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	<0.00020	mg/L	0.00020	1	02/08/13 11:22	02/08/13 15:23	7439-97-6	
8270 MSSV PCP by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Pentachlorophenol	<0.00052	mg/L	0.00052	1	01/31/13 17:06	02/07/13 00:45	87-86-5	
Surrogates								
2,4,6-Tribromophenol (S)	84	%	42-127	1	01/31/13 17:06	02/07/13 00:45	118-79-6	
8260 VOC								
Analytical Method: EPA 8260								
Acetone	<25.0	ug/L	25.0	1		02/01/13 19:43	67-64-1	
Benzene	<1.0	ug/L	1.0	1		02/01/13 19:43	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/01/13 19:43	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/01/13 19:43	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/01/13 19:43	75-27-4	
Bromoform	<4.0	ug/L	4.0	1		02/01/13 19:43	75-25-2	
Bromomethane	<4.0	ug/L	4.0	1		02/01/13 19:43	74-83-9	
2-Butanone (MEK)	<4.0	ug/L	4.0	1		02/01/13 19:43	78-93-3	
n-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 19:43	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 19:43	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 19:43	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		02/01/13 19:43	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/01/13 19:43	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		02/01/13 19:43	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		02/01/13 19:43	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		02/01/13 19:43	67-66-3	
Chloromethane	<4.0	ug/L	4.0	1		02/01/13 19:43	74-87-3	
2-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 19:43	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 19:43	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0	ug/L	4.0	1		02/01/13 19:43	96-12-8	
Dibromochloromethane	<1.0	ug/L	1.0	1		02/01/13 19:43	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		02/01/13 19:43	106-93-4	
Dibromomethane	<4.0	ug/L	4.0	1		02/01/13 19:43	74-95-3	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 19:43	95-50-1	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 19:43	541-73-1	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 19:43	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		02/01/13 19:43	75-71-8	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 19:43	75-34-3	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 19:43	107-06-2	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 19:43	75-35-4	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 19:43	156-59-2	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/01/13 19:43	156-60-5	
1,2-Dichloropropane	<4.0	ug/L	4.0	1		02/01/13 19:43	78-87-5	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		02/01/13 19:43	142-28-9	
2,2-Dichloropropane	<4.0	ug/L	4.0	1		02/01/13 19:43	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		02/01/13 19:43	563-58-6	
cis-1,3-Dichloropropene	<4.0	ug/L	4.0	1		02/01/13 19:43	10061-01-5	
trans-1,3-Dichloropropene	<4.0	ug/L	4.0	1		02/01/13 19:43	10061-02-6	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 52 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: EB-PUMP-1-013013	Lab ID: 10218920041	Collected: 01/30/13 12:45	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:43	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 19:43	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 19:43	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 19:43	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 19:43	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 19:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 19:43	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 19:43	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 19:43	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:43	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 19:43	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 19:43	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 19:43	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 19:43	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 19:43	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:43	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 19:43	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:43	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 19:43	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 19:43	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 19:43	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 19:43	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:43	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 19:43	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 19:43	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 19:43	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 19:43	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 19:43	95-47-6	
Surrogates								
Dibromofluoromethane (S)	98 %		75-125	1		02/01/13 19:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		75-125	1		02/01/13 19:43	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 19:43	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 19:43	460-00-4	
2510B Specific Conductance		Analytical Method: SM 2510B						
Specific Conductance	13.2 umhos/cm		10.0	1		02/01/13 15:07		
Salinity		Analytical Method: Calculated						
Salinity (as dissolved solids)	8.4 mg/L		6.0	1		02/04/13 10:42		
2540C Total Dissolved Solids		Analytical Method: SM 2540C						
Total Dissolved Solids	48.0 mg/L		10.0	1		02/05/13 15:07		

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: EB-PUMP-1-013013-(20)		Lab ID: 10218920042	Collected: 01/30/13 12:45	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Lab Filtered		Analytical Method: EPA 6020 Preparation Method: EPA 3020						
Arsenic, Dissolved	0.0088	mg/L	0.00050	1	02/06/13 09:16	02/08/13 13:26	7440-38-2	
Cadmium, Dissolved	<0.000080	mg/L	0.000080	1	02/06/13 09:16	02/08/13 13:26	7440-43-9	
Lead, Dissolved	0.00040	mg/L	0.00010	1	02/06/13 09:16	02/08/13 13:26	7439-92-1	
7470 Mercury, Lab Filtered		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
Mercury, Dissolved	<0.00020	mg/L	0.00020	1	02/11/13 10:15	02/11/13 12:59	7439-97-6	M1

Sample: Trip Blank 1		Lab ID: 10218920043	Collected: 01/30/13 00:00	Received: 01/30/13 14:07	Matrix: Water			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx/8021BGx GCV		Analytical Method: NWTPH-Gx/8021						
TPH as Gas	<0.10	mg/L	0.10	1		02/01/13 14:41		
Surrogates								
a,a,a-Trifluorotoluene (S)	99	%	75-125	1		02/01/13 14:41	98-08-8	
8260 VOC		Analytical Method: EPA 8260						
Acetone	<25.0	ug/L	25.0	1		02/01/13 18:59	67-64-1	
Benzene	<1.0	ug/L	1.0	1		02/01/13 18:59	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		02/01/13 18:59	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/01/13 18:59	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/01/13 18:59	75-27-4	
Bromoform	<4.0	ug/L	4.0	1		02/01/13 18:59	75-25-2	
Bromomethane	<4.0	ug/L	4.0	1		02/01/13 18:59	74-83-9	
2-Butanone (MEK)	<4.0	ug/L	4.0	1		02/01/13 18:59	78-93-3	
n-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 18:59	104-51-8	
sec-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 18:59	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		02/01/13 18:59	98-06-6	
Carbon disulfide	<1.0	ug/L	1.0	1		02/01/13 18:59	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/01/13 18:59	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		02/01/13 18:59	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		02/01/13 18:59	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		02/01/13 18:59	67-66-3	
Chloromethane	<4.0	ug/L	4.0	1		02/01/13 18:59	74-87-3	
2-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 18:59	95-49-8	
4-Chlorotoluene	<1.0	ug/L	1.0	1		02/01/13 18:59	106-43-4	
1,2-Dibromo-3-chloropropane	<4.0	ug/L	4.0	1		02/01/13 18:59	96-12-8	
Dibromochloromethane	<1.0	ug/L	1.0	1		02/01/13 18:59	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		02/01/13 18:59	106-93-4	
Dibromomethane	<4.0	ug/L	4.0	1		02/01/13 18:59	74-95-3	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 18:59	95-50-1	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 18:59	541-73-1	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		02/01/13 18:59	106-46-7	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		02/01/13 18:59	75-71-8	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/01/13 18:59	75-34-3	

ANALYTICAL RESULTS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Sample: Trip Blank 1	Lab ID: 10218920043	Collected: 01/30/13 00:00	Received: 01/30/13 14:07	Matrix: Water				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC		Analytical Method: EPA 8260						
1,2-Dichloroethane	<1.0 ug/L		1.0	1		02/01/13 18:59	107-06-2	
1,1-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 18:59	75-35-4	
cis-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 18:59	156-59-2	
trans-1,2-Dichloroethene	<1.0 ug/L		1.0	1		02/01/13 18:59	156-60-5	
1,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 18:59	78-87-5	
1,3-Dichloropropane	<1.0 ug/L		1.0	1		02/01/13 18:59	142-28-9	
2,2-Dichloropropane	<4.0 ug/L		4.0	1		02/01/13 18:59	594-20-7	
1,1-Dichloropropene	<1.0 ug/L		1.0	1		02/01/13 18:59	563-58-6	
cis-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 18:59	10061-01-5	
trans-1,3-Dichloropropene	<4.0 ug/L		4.0	1		02/01/13 18:59	10061-02-6	
Ethylbenzene	<1.0 ug/L		1.0	1		02/01/13 18:59	100-41-4	
Hexachloro-1,3-butadiene	<5.0 ug/L		5.0	1		02/01/13 18:59	87-68-3	
2-Hexanone	<4.0 ug/L		4.0	1		02/01/13 18:59	591-78-6	
Isopropylbenzene (Cumene)	<1.0 ug/L		1.0	1		02/01/13 18:59	98-82-8	
p-Isopropyltoluene	<1.0 ug/L		1.0	1		02/01/13 18:59	99-87-6	
Methylene Chloride	<4.0 ug/L		4.0	1		02/01/13 18:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4.0 ug/L		4.0	1		02/01/13 18:59	108-10-1	
Methyl-tert-butyl ether	<1.0 ug/L		1.0	1		02/01/13 18:59	1634-04-4	
Naphthalene	<4.0 ug/L		4.0	1		02/01/13 18:59	91-20-3	
n-Propylbenzene	<1.0 ug/L		1.0	1		02/01/13 18:59	103-65-1	
Styrene	<1.0 ug/L		1.0	1		02/01/13 18:59	100-42-5	
1,1,1,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 18:59	630-20-6	
1,1,2,2-Tetrachloroethane	<1.0 ug/L		1.0	1		02/01/13 18:59	79-34-5	
Tetrachloroethene	<1.0 ug/L		1.0	1		02/01/13 18:59	127-18-4	
Toluene	<1.0 ug/L		1.0	1		02/01/13 18:59	108-88-3	
1,2,3-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 18:59	87-61-6	
1,2,4-Trichlorobenzene	<1.0 ug/L		1.0	1		02/01/13 18:59	120-82-1	
1,1,1-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 18:59	71-55-6	
1,1,2-Trichloroethane	<1.0 ug/L		1.0	1		02/01/13 18:59	79-00-5	
Trichloroethene	<1.0 ug/L		1.0	1		02/01/13 18:59	79-01-6	
Trichlorofluoromethane	<1.0 ug/L		1.0	1		02/01/13 18:59	75-69-4	
1,2,3-Trichloropropane	<4.0 ug/L		4.0	1		02/01/13 18:59	96-18-4	
1,2,4-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 18:59	95-63-6	
1,3,5-Trimethylbenzene	<1.0 ug/L		1.0	1		02/01/13 18:59	108-67-8	
Vinyl chloride	<0.40 ug/L		0.40	1		02/01/13 18:59	75-01-4	
Xylene (Total)	<3.0 ug/L		3.0	1		02/01/13 18:59	1330-20-7	
m&p-Xylene	<2.0 ug/L		2.0	1		02/01/13 18:59	179601-23-1	
o-Xylene	<1.0 ug/L		1.0	1		02/01/13 18:59	95-47-6	
Surrogates								
Dibromofluoromethane (S)	100 %		75-125	1		02/01/13 18:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		75-125	1		02/01/13 18:59	17060-07-0	
Toluene-d8 (S)	100 %		75-125	1		02/01/13 18:59	2037-26-5	
4-Bromofluorobenzene (S)	99 %		75-125	1		02/01/13 18:59	460-00-4	

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

QC Batch: GCV/10347 Analysis Method: NWTPH-Gx/8021
QC Batch Method: NWTPH-Gx/8021 Analysis Description: NWTPH-Gx/8021B Water
Associated Lab Samples: 10218920003, 10218920005, 10218920011, 10218920013, 10218920017, 10218920019, 10218920023, 10218920027, 10218920031, 10218920033, 10218920039, 10218920041, 10218920043

METHOD BLANK: 1372321 Matrix: Water
Associated Lab Samples: 10218920003, 10218920005, 10218920011, 10218920013, 10218920017, 10218920019, 10218920023, 10218920027, 10218920031, 10218920033, 10218920039, 10218920041, 10218920043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	mg/L	<0.10	0.10	02/01/13 14:21	
a,a,a-Trifluorotoluene (S)	%	99	75-125	02/01/13 14:21	

LABORATORY CONTROL SAMPLE & LCSD: 1372322 1372323

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	mg/L	1	0.98	0.93	98	93	75-126	5	20	
a,a,a-Trifluorotoluene (S)	%				99	98	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1372324 1372325

Parameter	Units	10218920023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	mg/L	<0.10	1	1	1.0	0.94	100	93	75-137	7	30	
a,a,a-Trifluorotoluene (S)	%						98	95	75-125			

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

QC Batch: MERP/8028 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 10218920003, 10218920025, 10218920031, 10218920035, 10218920039, 10218920041

METHOD BLANK: 1374710 Matrix: Water
Associated Lab Samples: 10218920003, 10218920025, 10218920031, 10218920035, 10218920039, 10218920041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	<0.00020	0.00020	02/08/13 14:34	

LABORATORY CONTROL SAMPLE: 1374711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0049	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1374712 1374713

Parameter	Units	10218633002 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Mercury	mg/L	ND	.005	.005	0.0039	0.0042	78	84	80-120	7	20	M1

MATRIX SPIKE SAMPLE: 1374714

Parameter	Units	10218920041 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	<0.00020	.005	0.0048	95	80-120	

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

QC Batch: MERP/8003 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 10218920004, 10218920026, 10218920032, 10218920036, 10218920040

METHOD BLANK: 1372638 Matrix: Water
Associated Lab Samples: 10218920004, 10218920026, 10218920032, 10218920036, 10218920040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	<0.00020	0.00020	02/05/13 17:50	

LABORATORY CONTROL SAMPLE: 1372639

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0046	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1372642 1372643

Parameter	Units	10218920004		MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
		Result	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Mercury, Dissolved	mg/L	<0.00020		.005	.005	0.0045	0.0048	89	97	80-120	8	20	

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

QC Batch: MERP/8036 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 10218920042

METHOD BLANK: 1375693 Matrix: Water
Associated Lab Samples: 10218920042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	<0.00020	0.00020	02/11/13 12:54	

LABORATORY CONTROL SAMPLE: 1375694

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	.005	0.0051	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1375695 1375696

Parameter	Units	10218920042		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Result									
Mercury, Dissolved	mg/L	<0.00020	0	.005	.005	0.0034	0.0030	68	60	80-120	12	20 M1

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

QC Batch: MPRP/37453 Analysis Method: EPA 6020
 QC Batch Method: EPA 3020 Analysis Description: 6020 MET
 Associated Lab Samples: 10218920001, 10218920003, 10218920005, 10218920007, 10218920009, 10218920011, 10218920013, 10218920015, 10218920017, 10218920019, 10218920021, 10218920025, 10218920027, 10218920029, 10218920031, 10218920033

METHOD BLANK: 1371890 Matrix: Water
 Associated Lab Samples: 10218920001, 10218920003, 10218920005, 10218920007, 10218920009, 10218920011, 10218920013, 10218920015, 10218920017, 10218920019, 10218920021, 10218920025, 10218920027, 10218920029, 10218920031, 10218920033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.00050	0.00050	02/04/13 11:13	
Cadmium	mg/L	<0.000080	0.000080	02/04/13 11:13	
Lead	mg/L	<0.00010	0.00010	02/04/13 11:13	

LABORATORY CONTROL SAMPLE: 1371891

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.08	0.085	107	80-120	
Cadmium	mg/L	.08	0.084	105	80-120	
Lead	mg/L	.08	0.087	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1371892 1371893

Parameter	Units	10218920015		1371893		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Arsenic	mg/L	0.0022	.08	.08	0.086	0.086	105	105	75-125	.4	20
Cadmium	mg/L	<0.000080	.08	.08	0.082	0.083	102	103	75-125	1	20
Lead	mg/L	0.00049	.08	.08	0.080	0.081	99	101	75-125	2	20

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

QC Batch: MPRP/37454 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET
Associated Lab Samples: 10218920023, 10218920035, 10218920037, 10218920039, 10218920041

METHOD BLANK: 1371897 Matrix: Water
Associated Lab Samples: 10218920023, 10218920035, 10218920037, 10218920039, 10218920041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.00050	0.00050	02/02/13 16:27	
Cadmium	mg/L	<0.000080	0.000080	02/02/13 16:27	
Lead	mg/L	<0.00010	0.00010	02/02/13 16:27	

LABORATORY CONTROL SAMPLE: 1371898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.08	0.084	105	80-120	
Cadmium	mg/L	.08	0.084	105	80-120	
Lead	mg/L	.08	0.083	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1371899 1371900

Parameter	Units	10218920023		MS		MSD		MS		MSD		% Rec Limits	Max		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	RPD	RPD				
Arsenic	mg/L	2.0	.08	.08	2.0	2.1	71	152	75-125	3	20	M6			
Cadmium	mg/L	<0.0004 0	.08	.08	0.086	0.083	108	104	75-125	3	20				
Lead	mg/L	0.0016	.08	.08	0.083	0.082	101	100	75-125	1	20				

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

QC Batch: MPRP/37455 Analysis Method: EPA 6020
 QC Batch Method: EPA 3020 Analysis Description: 6020 MET Dissolved
 Associated Lab Samples: 10218920002, 10218920004, 10218920006, 10218920008, 10218920010, 10218920012, 10218920014, 10218920016, 10218920018, 10218920020, 10218920022, 10218920024, 10218920026, 10218920028, 10218920030, 10218920032, 10218920034, 10218920040

METHOD BLANK: 1371901 Matrix: Water

Associated Lab Samples: 10218920002, 10218920004, 10218920006, 10218920008, 10218920010, 10218920012, 10218920014, 10218920016, 10218920018, 10218920020, 10218920022, 10218920024, 10218920026, 10218920028, 10218920030, 10218920032, 10218920034, 10218920040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	<0.00050	0.00050	02/04/13 11:08	
Cadmium, Dissolved	mg/L	<0.000080	0.000080	02/04/13 11:08	
Lead, Dissolved	mg/L	<0.00010	0.00010	02/04/13 11:08	

LABORATORY CONTROL SAMPLE: 1371902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.08	0.080	100	80-120	
Cadmium, Dissolved	mg/L	.08	0.086	108	80-120	
Lead, Dissolved	mg/L	.08	0.089	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1371903 1371904

Parameter	Units	10219237001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	mg/L	ND	.08	.08	0.081	0.079	100	99	75-125	1	20	
Cadmium, Dissolved	mg/L	ND	.08	.08	0.083	0.083	104	103	75-125	.7	20	
Lead, Dissolved	mg/L	ND	.08	.08	0.083	0.083	104	104	75-125	.06	20	

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

QC Batch: MPRP/37525 Analysis Method: EPA 6020
 QC Batch Method: EPA 3020 Analysis Description: 6020 MET Dissolved
 Associated Lab Samples: 10218920036, 10218920038, 10218920042

METHOD BLANK: 1373636 Matrix: Water

Associated Lab Samples: 10218920036, 10218920038, 10218920042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	mg/L	<0.00050	0.00050	02/08/13 12:46	
Cadmium, Dissolved	mg/L	<0.000080	0.000080	02/08/13 12:46	
Lead, Dissolved	mg/L	<0.00010	0.00010	02/08/13 12:46	

LABORATORY CONTROL SAMPLE: 1373637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	mg/L	.08	0.085	106	80-120	
Cadmium, Dissolved	mg/L	.08	0.087	108	80-120	
Lead, Dissolved	mg/L	.08	0.085	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1373638 1373639

Parameter	Units	10218920036		MS		MSD		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result							
Arsenic, Dissolved	mg/L	0.91	.08	.08	.08	0.98	1.2	92	316	75-125	17	20	M6	
Cadmium, Dissolved	mg/L	<0.00040	.08	.08	.08	0.079	0.096	99	119	75-125	19	20		
Lead, Dissolved	mg/L	0.00084	.08	.08	.08	0.076	0.090	95	112	75-125	17	20		

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

QC Batch: MSV/22783 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 465 W
 Associated Lab Samples: 10218920003, 10218920005, 10218920011, 10218920013, 10218920015, 10218920017, 10218920019,
 10218920023, 10218920025, 10218920027, 10218920029, 10218920031, 10218920033, 10218920035,
 10218920037, 10218920039, 10218920041, 10218920043

METHOD BLANK: 1372306 Matrix: Water

Associated Lab Samples: 10218920003, 10218920005, 10218920011, 10218920013, 10218920015, 10218920017, 10218920019,
 10218920023, 10218920025, 10218920027, 10218920029, 10218920031, 10218920033, 10218920035,
 10218920037, 10218920039, 10218920041, 10218920043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	02/01/13 18:45	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	02/01/13 18:45	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	02/01/13 18:45	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	02/01/13 18:45	
1,1-Dichloroethane	ug/L	<1.0	1.0	02/01/13 18:45	
1,1-Dichloroethene	ug/L	<1.0	1.0	02/01/13 18:45	
1,1-Dichloropropene	ug/L	<1.0	1.0	02/01/13 18:45	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	02/01/13 18:45	
1,2,3-Trichloropropane	ug/L	<4.0	4.0	02/01/13 18:45	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	02/01/13 18:45	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	02/01/13 18:45	
1,2-Dibromo-3-chloropropane	ug/L	<4.0	4.0	02/01/13 18:45	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	02/01/13 18:45	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	02/01/13 18:45	
1,2-Dichloroethane	ug/L	<1.0	1.0	02/01/13 18:45	
1,2-Dichloropropane	ug/L	<4.0	4.0	02/01/13 18:45	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	02/01/13 18:45	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	02/01/13 18:45	
1,3-Dichloropropane	ug/L	<1.0	1.0	02/01/13 18:45	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	02/01/13 18:45	
2,2-Dichloropropane	ug/L	<4.0	4.0	02/01/13 18:45	
2-Butanone (MEK)	ug/L	<4.0	4.0	02/01/13 18:45	
2-Chlorotoluene	ug/L	<1.0	1.0	02/01/13 18:45	
2-Hexanone	ug/L	<4.0	4.0	02/01/13 18:45	
4-Chlorotoluene	ug/L	<1.0	1.0	02/01/13 18:45	
4-Methyl-2-pentanone (MIBK)	ug/L	<4.0	4.0	02/01/13 18:45	
Acetone	ug/L	<25.0	25.0	02/01/13 18:45	
Benzene	ug/L	<1.0	1.0	02/01/13 18:45	
Bromobenzene	ug/L	<1.0	1.0	02/01/13 18:45	
Bromochloromethane	ug/L	<1.0	1.0	02/01/13 18:45	
Bromodichloromethane	ug/L	<1.0	1.0	02/01/13 18:45	
Bromoform	ug/L	<4.0	4.0	02/01/13 18:45	
Bromomethane	ug/L	<4.0	4.0	02/01/13 18:45	
Carbon disulfide	ug/L	<1.0	1.0	02/01/13 18:45	
Carbon tetrachloride	ug/L	<1.0	1.0	02/01/13 18:45	
Chlorobenzene	ug/L	<1.0	1.0	02/01/13 18:45	
Chloroethane	ug/L	<1.0	1.0	02/01/13 18:45	
Chloroform	ug/L	<1.0	1.0	02/01/13 18:45	
Chloromethane	ug/L	<4.0	4.0	02/01/13 18:45	

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

METHOD BLANK: 1372306

Matrix: Water

Associated Lab Samples: 10218920003, 10218920005, 10218920011, 10218920013, 10218920015, 10218920017, 10218920019, 10218920023, 10218920025, 10218920027, 10218920029, 10218920031, 10218920033, 10218920035, 10218920037, 10218920039, 10218920041, 10218920043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	02/01/13 18:45	
cis-1,3-Dichloropropene	ug/L	<4.0	4.0	02/01/13 18:45	
Dibromochloromethane	ug/L	<1.0	1.0	02/01/13 18:45	
Dibromomethane	ug/L	<4.0	4.0	02/01/13 18:45	
Dichlorodifluoromethane	ug/L	<1.0	1.0	02/01/13 18:45	
Ethylbenzene	ug/L	<1.0	1.0	02/01/13 18:45	
Hexachloro-1,3-butadiene	ug/L	<5.0	5.0	02/01/13 18:45	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	02/01/13 18:45	
m&p-Xylene	ug/L	<2.0	2.0	02/01/13 18:45	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	02/01/13 18:45	
Methylene Chloride	ug/L	<4.0	4.0	02/01/13 18:45	
n-Butylbenzene	ug/L	<1.0	1.0	02/01/13 18:45	
n-Propylbenzene	ug/L	<1.0	1.0	02/01/13 18:45	
Naphthalene	ug/L	<4.0	4.0	02/01/13 18:45	
o-Xylene	ug/L	<1.0	1.0	02/01/13 18:45	
p-Isopropyltoluene	ug/L	<1.0	1.0	02/01/13 18:45	
sec-Butylbenzene	ug/L	<1.0	1.0	02/01/13 18:45	
Styrene	ug/L	<1.0	1.0	02/01/13 18:45	
tert-Butylbenzene	ug/L	<1.0	1.0	02/01/13 18:45	
Tetrachloroethene	ug/L	<1.0	1.0	02/01/13 18:45	
Toluene	ug/L	<1.0	1.0	02/01/13 18:45	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	02/01/13 18:45	
trans-1,3-Dichloropropene	ug/L	<4.0	4.0	02/01/13 18:45	
Trichloroethene	ug/L	<1.0	1.0	02/01/13 18:45	
Trichlorofluoromethane	ug/L	<1.0	1.0	02/01/13 18:45	
Vinyl chloride	ug/L	<0.40	0.40	02/01/13 18:45	
Xylene (Total)	ug/L	<3.0	3.0	02/01/13 18:45	
1,2-Dichloroethane-d4 (S)	%	99	75-125	02/01/13 18:45	
4-Bromofluorobenzene (S)	%	99	75-125	02/01/13 18:45	
Dibromofluoromethane (S)	%	100	75-125	02/01/13 18:45	
Toluene-d8 (S)	%	100	75-125	02/01/13 18:45	

LABORATORY CONTROL SAMPLE & LCSD: 1372307

1376052

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.4	45.7	93	91	75-125	2	20	
1,1,1-Trichloroethane	ug/L	50	45.5	44.7	91	89	75-126	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	44.5	44.2	89	88	75-125	.6	20	
1,1,2-Trichloroethane	ug/L	50	45.5	44.9	91	90	75-125	1	20	
1,1-Dichloroethane	ug/L	50	46.0	44.9	92	90	75-125	2	20	
1,1-Dichloroethene	ug/L	50	45.6	44.6	91	89	71-126	2	20	
1,1-Dichloropropene	ug/L	50	46.0	45.0	92	90	74-125	2	20	
1,2,3-Trichlorobenzene	ug/L	50	47.6	47.1	95	94	75-125	.9	20	
1,2,3-Trichloropropane	ug/L	50	47.7	47.4	95	95	75-125	.7	20	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 65 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

LABORATORY CONTROL SAMPLE & LCSD: 1372307		1376052								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	48.0	47.1	96	94	75-125	2	20	
1,2,4-Trimethylbenzene	ug/L	50	46.1	45.3	92	91	75-125	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	47.7	47.0	95	94	73-125	2	20	
1,2-Dibromoethane (EDB)	ug/L	50	45.8	45.5	92	91	75-125	.6	20	
1,2-Dichlorobenzene	ug/L	50	46.4	45.1	93	90	75-125	3	20	
1,2-Dichloroethane	ug/L	50	45.5	45.1	91	90	74-125	.9	20	
1,2-Dichloropropane	ug/L	50	45.7	44.5	91	89	75-125	3	20	
1,3,5-Trimethylbenzene	ug/L	50	46.1	45.0	92	90	75-125	2	20	
1,3-Dichlorobenzene	ug/L	50	45.3	44.3	91	89	75-125	2	20	
1,3-Dichloropropane	ug/L	50	45.1	44.5	90	89	75-125	1	20	
1,4-Dichlorobenzene	ug/L	50	45.1	43.9	90	88	75-125	3	20	
2,2-Dichloropropane	ug/L	50	48.7	47.4	97	95	67-132	3	20	
2-Butanone (MEK)	ug/L	50	49.5	49.3	99	99	68-126	.3	20	
2-Chlorotoluene	ug/L	50	44.4	42.9	89	86	74-125	3	20	
2-Hexanone	ug/L	50	45.9	44.3	92	89	70-125	3	20	
4-Chlorotoluene	ug/L	50	45.3	44.3	91	89	74-125	2	20	
4-Methyl-2-pentanone (MIBK)	ug/L	50	44.2	43.8	88	88	72-125	.9	20	
Acetone	ug/L	125	108	110	86	88	69-132	2	20	
Benzene	ug/L	50	44.0	43.1	88	86	75-125	2	20	
Bromobenzene	ug/L	50	44.9	44.1	90	88	75-125	2	20	
Bromochloromethane	ug/L	50	46.5	45.7	93	91	75-125	2	20	
Bromodichloromethane	ug/L	50	45.8	44.9	92	90	75-125	2	20	
Bromoform	ug/L	50	48.1	47.9	96	96	75-126	.3	20	
Bromomethane	ug/L	50	50.6	49.7	101	99	30-150	2	20	
Carbon disulfide	ug/L	50	44.9	44.2	90	88	66-126	2	20	
Carbon tetrachloride	ug/L	50	46.1	45.1	92	90	74-127	2	20	
Chlorobenzene	ug/L	50	45.4	44.2	91	88	75-125	3	20	
Chloroethane	ug/L	50	46.2	48.0	92	96	68-132	4	20	
Chloroform	ug/L	50	45.3	44.4	91	89	75-125	2	20	
Chloromethane	ug/L	50	44.6	43.8	89	88	61-129	2	20	
cis-1,2-Dichloroethene	ug/L	50	45.0	44.2	90	88	75-125	2	20	
cis-1,3-Dichloropropene	ug/L	50	46.1	45.5	92	91	75-125	1	20	
Dibromochloromethane	ug/L	50	46.4	46.1	93	92	75-125	.5	20	
Dibromomethane	ug/L	50	44.8	44.3	90	89	75-125	1	20	
Dichlorodifluoromethane	ug/L	50	41.1	40.7	82	81	49-137	.9	20	
Ethylbenzene	ug/L	50	43.7	42.9	87	86	75-125	2	20	
Hexachloro-1,3-butadiene	ug/L	25	25.8	25.4	103	102	69-127	1	20	
Isopropylbenzene (Cumene)	ug/L	50	46.5	45.4	93	91	75-125	3	20	
m&p-Xylene	ug/L	100	92.7	90.6	93	91	75-125	2	20	
Methyl-tert-butyl ether	ug/L	50	44.5	44.0	89	88	74-126	1	20	
Methylene Chloride	ug/L	50	44.0	43.2	88	86	75-125	2	20	
n-Butylbenzene	ug/L	50	49.0	47.8	98	96	72-126	2	20	
n-Propylbenzene	ug/L	50	45.9	44.6	92	89	73-125	3	20	
Naphthalene	ug/L	50	45.4	44.8	91	90	75-125	1	20	
o-Xylene	ug/L	50	45.6	44.7	91	89	75-125	2	20	
p-Isopropyltoluene	ug/L	50	47.2	45.6	94	91	74-125	3	20	
sec-Butylbenzene	ug/L	50	46.8	45.8	94	92	73-125	2	20	
Styrene	ug/L	50	45.6	44.9	91	90	75-125	2	20	

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

LABORATORY CONTROL SAMPLE & LCSD:		1372307		1376052							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
tert-Butylbenzene	ug/L	50	45.8	44.6	92	89	73-125	3	20		
Tetrachloroethene	ug/L	50	46.7	45.6	93	91	75-125	2	20		
Toluene	ug/L	50	45.6	44.7	91	89	75-125	2	20		
trans-1,2-Dichloroethene	ug/L	50	45.7	44.3	91	89	74-125	3	20		
trans-1,3-Dichloropropene	ug/L	50	45.9	45.6	92	91	75-125	.7	20		
Trichloroethene	ug/L	50	46.2	44.9	92	90	75-125	3	20		
Trichlorofluoromethane	ug/L	50	45.8	45.0	92	90	69-129	2	20		
Vinyl chloride	ug/L	50	44.9	44.1	90	88	70-128	2	20		
Xylene (Total)	ug/L	150	138	135	92	90	75-125	2	20		
1,2-Dichloroethane-d4 (S)	%				98	99	75-125				
4-Bromofluorobenzene (S)	%				100	99	75-125				
Dibromofluoromethane (S)	%				100	100	75-125				
Toluene-d8 (S)	%				100	100	75-125				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1372310		1372311								
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		10218920023 Result	Spike Conc.	Spike Conc.	Result							
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	50	48.5	47.9	97	96	75-125	1	30	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	49.2	48.9	98	98	75-136	.7	30	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	45.0	44.8	90	90	66-131	.5	30	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	46.6	46.6	93	93	75-125	.06	30	
1,1-Dichloroethane	ug/L	<1.0	50	50	48.4	48.3	97	97	75-131	.08	30	
1,1-Dichloroethene	ug/L	<1.0	50	50	50.3	50.1	101	100	75-138	.3	30	
1,1-Dichloropropene	ug/L	<1.0	50	50	49.7	49.4	99	99	75-136	.6	30	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	43.8	43.5	88	87	75-125	.8	30	
1,2,3-Trichloropropane	ug/L	<4.0	50	50	48.5	47.7	97	95	71-126	2	30	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	44.5	43.8	89	88	75-125	2	30	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	46.1	45.4	92	91	70-126	2	30	
1,2-Dibromo-3-chloropropane	ug/L	<4.0	50	50	48.4	46.9	97	94	69-127	3	30	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	47.2	46.5	94	93	75-125	2	30	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	44.9	44.4	90	89	75-125	1	30	
1,2-Dichloroethane	ug/L	<1.0	50	50	46.7	46.9	93	94	74-128	.4	30	
1,2-Dichloropropane	ug/L	<4.0	50	50	47.8	47.5	96	95	75-125	.5	30	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	46.0	45.4	92	91	72-126	1	30	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	44.6	44.0	89	88	75-125	1	30	
1,3-Dichloropropane	ug/L	<1.0	50	50	46.6	46.2	93	92	75-125	.9	30	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	44.2	43.6	88	87	75-125	1	30	
2,2-Dichloropropane	ug/L	<4.0	50	50	52.2	52.1	104	104	71-143	.3	30	
2-Butanone (MEK)	ug/L	<4.0	50	50	50.4	51.2	101	102	64-125	2	30	
2-Chlorotoluene	ug/L	<1.0	50	50	44.4	43.7	89	87	74-125	2	30	
2-Hexanone	ug/L	<4.0	50	50	46.7	44.9	93	90	67-125	4	30	
4-Chlorotoluene	ug/L	<1.0	50	50	45.2	44.9	90	90	75-125	.8	30	
4-Methyl-2-pentanone (MIBK)	ug/L	<4.0	50	50	46.6	45.7	93	91	69-125	2	30	
Acetone	ug/L	<25.0	125	125	108	102	87	82	57-135	6	30	
Benzene	ug/L	<1.0	50	50	46.6	46.5	93	93	70-135	.3	30	
Bromobenzene	ug/L	<1.0	50	50	45.1	44.9	90	90	75-125	.5	30	

Date: 03/28/2013 02:07 PM

REPORT OF LABORATORY ANALYSIS

Page 67 of 79

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Parameter	10218920023		MS		MSD		MS		MSD		MS		MSD		% Rec		Max	
	Units	Result	Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec	% Rec	% Rec	Limits	RPD	RPD	RPD	RPD	RPD	RPD	RPD
Bromochloromethane	ug/L	<1.0	50	50	47.1	47.2	94	94	94	94	75-125	.2	30					
Bromodichloromethane	ug/L	<1.0	50	50	47.4	47.5	95	95	95	95	75-125	.3	30					
Bromoform	ug/L	<4.0	50	50	49.1	48.9	98	98	98	98	68-133	.5	30					
Bromomethane	ug/L	<4.0	50	50	50.0	51.4	100	102	100	102	56-150	3	30					
Carbon disulfide	ug/L	<1.0	50	50	49.0	48.4	98	97	98	97	66-135	1	30					
Carbon tetrachloride	ug/L	<1.0	50	50	52.8	52.5	106	105	106	105	75-137	.7	30					
Chlorobenzene	ug/L	<1.0	50	50	46.8	46.2	94	92	94	92	75-125	1	30					
Chloroethane	ug/L	<1.0	50	50	46.2	50.1	92	100	92	100	64-150	8	30					
Chloroform	ug/L	<1.0	50	50	47.5	47.8	95	96	95	96	75-127	.6	30					
Chloromethane	ug/L	<4.0	50	50	45.5	45.2	91	90	91	90	65-140	.8	30					
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	47.3	47.4	95	95	95	95	75-129	.3	30					
cis-1,3-Dichloropropene	ug/L	<4.0	50	50	47.9	47.4	96	95	96	95	75-125	1	30					
Dibromochloromethane	ug/L	<1.0	50	50	48.0	47.5	96	95	96	95	75-125	.9	30					
Dibromomethane	ug/L	<4.0	50	50	46.1	45.6	92	91	92	91	75-125	1	30					
Dichlorodifluoromethane	ug/L	<1.0	50	50	59.5	59.2	119	118	119	118	70-150	.5	30					
Ethylbenzene	ug/L	<1.0	50	50	45.7	45.3	91	91	91	91	75-125	.9	30					
Hexachloro-1,3-butadiene	ug/L	<5.0	25	25	24.4	23.6	97	95	97	95	75-135	3	30					
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	47.5	46.7	95	93	95	93	75-125	2	30					
m&p-Xylene	ug/L	<2.0	100	100	96.5	95.5	96	95	96	95	75-125	1	30					
Methyl-tert-butyl ether	ug/L	<1.0	50	50	45.6	45.4	91	91	91	91	70-132	.3	30					
Methylene Chloride	ug/L	<4.0	50	50	45.6	45.6	91	91	91	91	73-125	.06	30					
n-Butylbenzene	ug/L	<1.0	50	50	47.5	46.6	95	93	95	93	75-130	2	30					
n-Propylbenzene	ug/L	<1.0	50	50	46.1	45.5	92	91	92	91	75-128	1	30					
Naphthalene	ug/L	<4.0	50	50	44.1	42.8	88	86	88	86	73-126	3	30					
o-Xylene	ug/L	<1.0	50	50	47.1	46.9	94	94	94	94	75-125	.5	30					
p-Isopropyltoluene	ug/L	<1.0	50	50	46.3	45.2	93	90	93	90	75-125	2	30					
sec-Butylbenzene	ug/L	<1.0	50	50	46.3	45.6	93	91	93	91	75-126	2	30					
Styrene	ug/L	<1.0	50	50	47.0	47.0	94	94	94	94	52-137	.03	30					
tert-Butylbenzene	ug/L	<1.0	50	50	45.8	45.2	92	90	92	90	75-125	1	30					
Tetrachloroethene	ug/L	<1.0	50	50	49.2	48.6	98	97	98	97	75-130	1	30					
Toluene	ug/L	<1.0	50	50	47.8	47.7	96	95	96	95	75-125	.2	30					
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	48.5	48.5	97	97	97	97	75-135	.2	30					
trans-1,3-Dichloropropene	ug/L	<4.0	50	50	47.4	47.0	95	94	95	94	75-125	.8	30					
Trichloroethene	ug/L	<1.0	50	50	48.9	48.7	98	97	98	97	75-129	.5	30					
Trichlorofluoromethane	ug/L	<1.0	50	50	55.0	55.3	110	111	110	111	75-150	.7	30					
Vinyl chloride	ug/L	<0.40	50	50	48.8	48.6	98	97	98	97	75-147	.4	30					
Xylene (Total)	ug/L	<3.0	150	150	144	142	96	95	96	95	75-125	.8	30					
1,2-Dichloroethane-d4 (S)	%						99	99	99	99	75-125							
4-Bromofluorobenzene (S)	%						99	99	99	99	75-125							
Dibromofluoromethane (S)	%						101	100	101	100	75-125							
Toluene-d8 (S)	%						100	100	100	100	75-125							

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

QC Batch: MT/11271

Analysis Method: SM 2510B

QC Batch Method: SM 2510B

Analysis Description: 2510B Specific Conductance

Associated Lab Samples: 10218920001, 10218920007, 10218920009, 10218920015, 10218920021, 10218920025, 10218920029, 10218920031, 10218920035, 10218920039, 10218920041

METHOD BLANK: 1372291

Matrix: Water

Associated Lab Samples: 10218920001, 10218920007, 10218920009, 10218920015, 10218920021, 10218920025, 10218920029, 10218920031, 10218920035, 10218920039, 10218920041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Specific Conductance	umhos/cm	<10.0	10.0	02/01/13 14:31	

LABORATORY CONTROL SAMPLE: 1372292

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Specific Conductance	umhos/cm	1000	1020	102	90-110	

SAMPLE DUPLICATE: 1372293

Parameter	Units	10218809001 Result	Dup Result	RPD	Max RPD	Qualifiers
Specific Conductance	umhos/cm	23.2	23.4	.9	20	

SAMPLE DUPLICATE: 1372294

Parameter	Units	10218920015 Result	Dup Result	RPD	Max RPD	Qualifiers
Specific Conductance	umhos/cm	4660	4700	.8	20	

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

QC Batch: MT/11286 Analysis Method: SM 2510B
QC Batch Method: SM 2510B Analysis Description: 2510B Specific Conductance
Associated Lab Samples: 10218920003, 10218920037

METHOD BLANK: 1373462 Matrix: Water

Associated Lab Samples: 10218920003, 10218920037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Specific Conductance	umhos/cm	<10.0	10.0	02/05/13 14:54	

LABORATORY CONTROL SAMPLE: 1373463

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Specific Conductance	umhos/cm	1000	969	97	90-110	

SAMPLE DUPLICATE: 1373464

Parameter	Units	10218920037 Result	Dup Result	RPD	Max RPD	Qualifiers
Specific Conductance	umhos/cm	<10.0	<10.0		20	

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

QC Batch: OEXT/20833 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PCP MSSV
Associated Lab Samples: 10218920003, 10218920005, 10218920011, 10218920013, 10218920017, 10218920019, 10218920023, 10218920025, 10218920027, 10218920029, 10218920031, 10218920033, 10218920035, 10218920037, 10218920039, 10218920041

METHOD BLANK: 1371801 Matrix: Water

Associated Lab Samples: 10218920003, 10218920005, 10218920011, 10218920013, 10218920017, 10218920019, 10218920023, 10218920025, 10218920027, 10218920029, 10218920031, 10218920033, 10218920035, 10218920037, 10218920039, 10218920041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	mg/L	<0.00050	0.00050	02/06/13 18:04	
2,4,6-Tribromophenol (S)	%	85	42-127	02/06/13 18:04	

LABORATORY CONTROL SAMPLE & LCSD: 1371802 1371811

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Pentachlorophenol	mg/L	.001	0.00076	0.00084	76	84	30-147	11	20	
2,4,6-Tribromophenol (S)	%				77	81	42-127			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1371803 1371804

Parameter	Units	10218920023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	mg/L	<0.0005 1	.001	.001	<0.0005 0	<0.0005 1	49	33	30-150		30	
2,4,6-Tribromophenol (S)	%						51	55	42-127			

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

QC Batch:	OEXT/20845	Analysis Method:	NWTPH-Dx
QC Batch Method:	EPA 3510	Analysis Description:	NWTPH-Dx GCS
Associated Lab Samples:	10218920001, 10218920003, 10218920005, 10218920007, 10218920013, 10218920015, 10218920017, 10218920019, 10218920021, 10218920023		

METHOD BLANK:	1372644	Matrix:	Water
Associated Lab Samples:	10218920001, 10218920003, 10218920005, 10218920007, 10218920013, 10218920015, 10218920017, 10218920019, 10218920021, 10218920023		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel	mg/L	<0.10	0.10	02/09/13 18:18	
Motor Oil	mg/L	<0.10	0.10	02/09/13 18:18	
n-Pentacosane (S)	%	61	50-150	02/09/13 18:18	

Parameter	Units	1372645		1372652		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec				
Diesel Fuel	mg/L	2	1.2	1.0	58	52	50-150	12	20
Motor Oil	mg/L		0.25	0.23					
n-Pentacosane (S)	%				56	52	50-150		

Parameter	Units	1372646		1372647		% Rec Limits	RPD	Max RPD	Qual			
		10218920015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result					MSD Result	MS % Rec	MSD % Rec
Diesel Fuel	mg/L	<0.10	2	2	1.0	0.99	49	47	50-150	4	30	M1
Motor Oil	mg/L	<0.10			0.23	0.22						
n-Pentacosane (S)	%						48	49	50-150			S0

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

QC Batch:	OEXT/20856	Analysis Method:	NWTPH-Dx
QC Batch Method:	EPA 3510	Analysis Description:	NWTPH-Dx GCS
Associated Lab Samples:	10218920009, 10218920011, 10218920027, 10218920031, 10218920033, 10218920037, 10218920039, 10218920041		

METHOD BLANK:	1373521	Matrix:	Water
Associated Lab Samples:	10218920009, 10218920011, 10218920027, 10218920031, 10218920033, 10218920037, 10218920039, 10218920041		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel	mg/L	<0.10	0.10	02/10/13 00:30	
Motor Oil	mg/L	<0.10	0.10	02/10/13 00:30	
n-Pentacosane (S)	%	81	50-150	02/10/13 00:30	

LABORATORY CONTROL SAMPLE & LCSD:	1373522	1373523								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Fuel	mg/L	2	1.5	1.8	75	89	50-150	17	20	
Motor Oil	mg/L		0.33	0.39						
n-Pentacosane (S)	%				72	85	50-150			

QUALITY CONTROL DATA

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

QC Batch: WET/29242 Analysis Method: SM 2540C
 QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
 Associated Lab Samples: 10218920001, 10218920003, 10218920007, 10218920009, 10218920015, 10218920021, 10218920025,
 10218920029, 10218920031, 10218920035, 10218920037, 10218920039, 10218920041

METHOD BLANK: 1372552 Matrix: Water
 Associated Lab Samples: 10218920001, 10218920003, 10218920007, 10218920009, 10218920015, 10218920021, 10218920025,
 10218920029, 10218920031, 10218920035, 10218920037, 10218920039, 10218920041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	<10.0	10.0	02/05/13 14:52	

LABORATORY CONTROL SAMPLE & LCSD: 1372553 1372556

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1000	986	988	99	99	80-120	.2	10	

SAMPLE DUPLICATE: 1372554

Parameter	Units	10218920015 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2460	2440	.9	10 H1	

QUALIFIERS

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

PASI-MT Pace Analytical Services - Montana

ANALYTE QUALIFIERS

1M Out of hold result confirms in hold data.

2M Sample re-extracted out of hold to confirm, data was confirmed.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

H1 Analysis conducted outside the recognized method holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

M6 Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

S0 Surrogate recovery outside laboratory control limits.

S1 Surrogate recovery outside laboratory control limits (confirmed by re-analysis).

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10218920001	GW-MW-6I-012813	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920003	EB-PUMP-1-012813	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920005	GW-MW-7-012913	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920007	GW-MW-7I-012913	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920009	GW-MW-7I-012913-(01)	EPA 3510	OEXT/20856	NWTPH-Dx	GCSV/10832
10218920011	GW-MW-2-012913	EPA 3510	OEXT/20856	NWTPH-Dx	GCSV/10832
10218920013	GW-MW-4-012813	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920015	GW-MW-4I-012813	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920017	GW-MW-5-012813	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920019	GW-MW-5-012813-(01)	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920021	GW-MW-5I-012813	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920023	GW-MW-6-012813	EPA 3510	OEXT/20845	NWTPH-Dx	GCSV/10831
10218920027	GW-MW-1-012913	EPA 3510	OEXT/20856	NWTPH-Dx	GCSV/10832
10218920031	EB-PUMP-1-012913	EPA 3510	OEXT/20856	NWTPH-Dx	GCSV/10832
10218920033	GW-MW-3-013013	EPA 3510	OEXT/20856	NWTPH-Dx	GCSV/10832
10218920037	GW-MW-8I-013013	EPA 3510	OEXT/20856	NWTPH-Dx	GCSV/10832
10218920039	GW-MW-8-013013	EPA 3510	OEXT/20856	NWTPH-Dx	GCSV/10832
10218920041	EB-PUMP-1-013013	EPA 3510	OEXT/20856	NWTPH-Dx	GCSV/10832
10218920003	EB-PUMP-1-012813	NWTPH-Gx/8021	GCV/10347		
10218920005	GW-MW-7-012913	NWTPH-Gx/8021	GCV/10347		
10218920011	GW-MW-2-012913	NWTPH-Gx/8021	GCV/10347		
10218920013	GW-MW-4-012813	NWTPH-Gx/8021	GCV/10347		
10218920017	GW-MW-5-012813	NWTPH-Gx/8021	GCV/10347		
10218920019	GW-MW-5-012813-(01)	NWTPH-Gx/8021	GCV/10347		
10218920023	GW-MW-6-012813	NWTPH-Gx/8021	GCV/10347		
10218920027	GW-MW-1-012913	NWTPH-Gx/8021	GCV/10347		
10218920031	EB-PUMP-1-012913	NWTPH-Gx/8021	GCV/10347		
10218920033	GW-MW-3-013013	NWTPH-Gx/8021	GCV/10347		
10218920039	GW-MW-8-013013	NWTPH-Gx/8021	GCV/10347		
10218920041	EB-PUMP-1-013013	NWTPH-Gx/8021	GCV/10347		
10218920043	Trip Blank 1	NWTPH-Gx/8021	GCV/10347		
10218920001	GW-MW-6I-012813	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920003	EB-PUMP-1-012813	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920005	GW-MW-7-012913	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920007	GW-MW-7I-012913	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920009	GW-MW-7I-012913-(01)	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920011	GW-MW-2-012913	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920013	GW-MW-4-012813	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920015	GW-MW-4I-012813	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920017	GW-MW-5-012813	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920019	GW-MW-5-012813-(01)	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920021	GW-MW-5I-012813	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920023	GW-MW-6-012813	EPA 3020	MPRP/37454	EPA 6020	ICPM/15253
10218920025	GW-MW-2I-012913	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920027	GW-MW-1-012913	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon - Jan 2013 GWM
Pace Project No.: 10218920

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10218920029	GW-MW-11-012913	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920031	EB-PUMP-1-012913	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920033	GW-MW-3-013013	EPA 3020	MPRP/37453	EPA 6020	ICPM/15252
10218920035	GW-MW-3I-013013	EPA 3020	MPRP/37454	EPA 6020	ICPM/15253
10218920037	GW-MW-8I-013013	EPA 3020	MPRP/37454	EPA 6020	ICPM/15253
10218920039	GW-MW-8-013013	EPA 3020	MPRP/37454	EPA 6020	ICPM/15253
10218920041	EB-PUMP-1-013013	EPA 3020	MPRP/37454	EPA 6020	ICPM/15253
10218920002	GW-MW-6I-012813-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920004	EB-PUMP-1-012813-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920006	GW-MW-7-012913-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920008	GW-MW-7I-012913-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920010	GW-MW-7I-012913-(21)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920012	GW-MW-2-012913-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920014	GW-MW-4-012813-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920016	GW-MW-4I-012813-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920018	GW-MW-5-012813-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920020	GW-MW-5-012813-(21)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920022	GW-MW-5I-012813-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920024	GW-MW-6-012813-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920026	GW-MW-2I-012913-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920028	GW-MW-1-012913-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920030	GW-MW-1I-012913-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920032	EB-PUMP-1-012913-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920034	GW-MW-3-013013-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920036	GW-MW-3I-013013-(20)	EPA 3020	MPRP/37525	EPA 6020	ICPM/15284
10218920038	GW-MW-8I-013013-(20)	EPA 3020	MPRP/37525	EPA 6020	ICPM/15284
10218920040	GW-MW-8-013013-(20)	EPA 3020	MPRP/37455	EPA 6020	ICPM/15250
10218920042	EB-PUMP-1-013013-(20)	EPA 3020	MPRP/37525	EPA 6020	ICPM/15284
10218920003	EB-PUMP-1-012813	EPA 7470	MERP/8028	EPA 7470	MERC/9034
10218920025	GW-MW-2I-012913	EPA 7470	MERP/8028	EPA 7470	MERC/9034
10218920031	EB-PUMP-1-012913	EPA 7470	MERP/8028	EPA 7470	MERC/9034
10218920035	GW-MW-3I-013013	EPA 7470	MERP/8028	EPA 7470	MERC/9034
10218920039	GW-MW-8-013013	EPA 7470	MERP/8028	EPA 7470	MERC/9034
10218920041	EB-PUMP-1-013013	EPA 7470	MERP/8028	EPA 7470	MERC/9034
10218920004	EB-PUMP-1-012813-(20)	EPA 7470	MERP/8003	EPA 7470	MERC/9016
10218920026	GW-MW-2I-012913-(20)	EPA 7470	MERP/8003	EPA 7470	MERC/9016
10218920032	EB-PUMP-1-012913-(20)	EPA 7470	MERP/8003	EPA 7470	MERC/9016
10218920036	GW-MW-3I-013013-(20)	EPA 7470	MERP/8003	EPA 7470	MERC/9016
10218920040	GW-MW-8-013013-(20)	EPA 7470	MERP/8003	EPA 7470	MERC/9016
10218920042	EB-PUMP-1-013013-(20)	EPA 7470	MERP/8036	EPA 7470	MERC/9049
10218920003	EB-PUMP-1-012813	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920005	GW-MW-7-012913	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920011	GW-MW-2-012913	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920013	GW-MW-4-012813	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10218920017	GW-MW-5-012813	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920019	GW-MW-5-012813-(01)	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920023	GW-MW-6-012813	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920025	GW-MW-2I-012913	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920027	GW-MW-1-012913	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920029	GW-MW-1I-012913	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920031	EB-PUMP-1-012913	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920033	GW-MW-3-013013	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920035	GW-MW-3I-013013	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920037	GW-MW-8I-013013	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920039	GW-MW-8-013013	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920041	EB-PUMP-1-013013	EPA 3510	OEXT/20833	EPA 8270 by SIM	MSSV/8992
10218920003	EB-PUMP-1-012813	EPA 8260	MSV/22783		
10218920005	GW-MW-7-012913	EPA 8260	MSV/22783		
10218920011	GW-MW-2-012913	EPA 8260	MSV/22783		
10218920013	GW-MW-4-012813	EPA 8260	MSV/22783		
10218920015	GW-MW-4I-012813	EPA 8260	MSV/22783		
10218920017	GW-MW-5-012813	EPA 8260	MSV/22783		
10218920019	GW-MW-5-012813-(01)	EPA 8260	MSV/22783		
10218920023	GW-MW-6-012813	EPA 8260	MSV/22783		
10218920025	GW-MW-2I-012913	EPA 8260	MSV/22783		
10218920027	GW-MW-1-012913	EPA 8260	MSV/22783		
10218920029	GW-MW-1I-012913	EPA 8260	MSV/22783		
10218920031	EB-PUMP-1-012913	EPA 8260	MSV/22783		
10218920033	GW-MW-3-013013	EPA 8260	MSV/22783		
10218920035	GW-MW-3I-013013	EPA 8260	MSV/22783		
10218920037	GW-MW-8I-013013	EPA 8260	MSV/22783		
10218920039	GW-MW-8-013013	EPA 8260	MSV/22783		
10218920041	EB-PUMP-1-013013	EPA 8260	MSV/22783		
10218920043	Trip Blank 1	EPA 8260	MSV/22783		
10218920001	GW-MW-6I-012813	SM 2510B	MT/11271		
10218920003	EB-PUMP-1-012813	SM 2510B	MT/11286		
10218920007	GW-MW-7I-012913	SM 2510B	MT/11271		
10218920009	GW-MW-7I-012913-(01)	SM 2510B	MT/11271		
10218920015	GW-MW-4I-012813	SM 2510B	MT/11271		
10218920021	GW-MW-5I-012813	SM 2510B	MT/11271		
10218920025	GW-MW-2I-012913	SM 2510B	MT/11271		
10218920029	GW-MW-1I-012913	SM 2510B	MT/11271		
10218920031	EB-PUMP-1-012913	SM 2510B	MT/11271		
10218920035	GW-MW-3I-013013	SM 2510B	MT/11271		
10218920037	GW-MW-8I-013013	SM 2510B	MT/11286		
10218920039	GW-MW-8-013013	SM 2510B	MT/11271		
10218920041	EB-PUMP-1-013013	SM 2510B	MT/11271		
10218920001	GW-MW-6I-012813	Calculated	MT/11275		
10218920003	EB-PUMP-1-012813	Calculated	MT/11287		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Superlon - Jan 2013 GWM

Pace Project No.: 10218920

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10218920007	GW-MW-7I-012913	Calculated	MT/11275		
10218920009	GW-MW-7I-012913-(01)	Calculated	MT/11275		
10218920015	GW-MW-4I-012813	Calculated	MT/11275		
10218920021	GW-MW-5I-012813	Calculated	MT/11275		
10218920025	GW-MW-2I-012913	Calculated	MT/11275		
10218920029	GW-MW-1I-012913	Calculated	MT/11275		
10218920031	EB-PUMP-1-012913	Calculated	MT/11275		
10218920035	GW-MW-3I-013013	Calculated	MT/11275		
10218920037	GW-MW-8I-013013	Calculated	MT/11287		
10218920039	GW-MW-8-013013	Calculated	MT/11275		
10218920041	EB-PUMP-1-013013	Calculated	MT/11275		
10218920001	GW-MW-6I-012813	SM 2540C	WET/29242		
10218920003	EB-PUMP-1-012813	SM 2540C	WET/29242		
10218920007	GW-MW-7I-012913	SM 2540C	WET/29242		
10218920009	GW-MW-7I-012913-(01)	SM 2540C	WET/29242		
10218920015	GW-MW-4I-012813	SM 2540C	WET/29242		
10218920021	GW-MW-5I-012813	SM 2540C	WET/29242		
10218920025	GW-MW-2I-012913	SM 2540C	WET/29242		
10218920029	GW-MW-1I-012913	SM 2540C	WET/29242		
10218920031	EB-PUMP-1-012913	SM 2540C	WET/29242		
10218920035	GW-MW-3I-013013	SM 2540C	WET/29242		
10218920037	GW-MW-8I-013013	SM 2540C	WET/29242		
10218920039	GW-MW-8-013013	SM 2540C	WET/29242		
10218920041	EB-PUMP-1-013013	SM 2540C	WET/29242		

CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10218920

Section A

Required Client Information:

Company: **PERC**

Address:

Phone: **360-570-1242**

Requested Due Date/FAT: **SPH**

Section B

Required Project Information:

Report To: **Jeff King**

Copy To: **Steve Munden, Ron Grinstead**

Purchase Order No.:

Project Name: **Sophon - Jun 2013 GWM**

Project Number:

Section C

Invoice Information:

Attention: **Jeff King**

Company Name: **PERC**

Address:

Face Order Reference:

Face Project Manager: **Jeani Gross**

Face Profile #:

Page: **2**

of **4**

1491886

REGULATORY AGENCY		REGULATORY AGENCY	
<input type="checkbox"/> NPDES	<input type="checkbox"/> GROUND WATER	<input type="checkbox"/> DRINKING WATER	<input type="checkbox"/> OTHER
Site Location		WA	
STATE		WA	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Face Project No. / Lab ID
					DATE	TIME			DATE	TIME	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃				
1	GW-MW-4-012813	DW	WT G	G	1/28/13	10:25	11	2	18									10218920 013	
2	GW-MW-4-012813-(20)	WT G	G		10:25		1	1										10218920 013	
3	GW-MW-4E-012813	WT G	G		11:10		1	2	18									015 + QC val for D ₂ +S ₂	
4	GW-MW-4E-012813-(20)	WT G	G		11:10		1	1										015 + QC val for D ₂ +S ₂	
5	GW-MW-5-012813	WT G	G		12:15		1	2	18									016	
6	GW-MW-5-012813-(20)	WT G	G		12:15		1	1										016	
7	GW-MW-5-012813-(01)	WT G	G		12:15		1	2	18									019	
8	GW-MW-5-012813-(21)	WT G	G		12:15		1	1										019	
9	GW-MW-5E-012813	WT G	G		1:30		5	2	12									020	
10	GW-MW-5E-012813-(20)	WT G	G		1:30		1	1										020	
11	GW-MW-6-012813	WT G	G		2:25		26	5	12									023 + QC val for G ₂ +S ₂	
12	GW-MW-6-012813-(20)	WT G	G		2:25		1	1										024	

REFINISHED BY / AFFILIATION: *Steve Munden* DATE: 1/30/13 TIME: 2:05p

ACCEPTED BY / AFFILIATION: *Michael Owen Pace* DATE: 1/30/13 TIME: 1:50p

SAMPLER NAME AND SIGNATURE: *Steve Munden*

PRINT Name of SAMPLER: *Steve Munden*

SIGNATURE OF SAMPLER: *Steve Munden*

DATE Signed (MM/DD/YYYY): 1/30/13

Temp in °C

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)

Important Note: By signing this form you are accepting Perac NPT 30 day payment terms and assuming full liability for any and all costs associated with this analysis.



CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 4 of 4
 10218920
 1648441

Section A Required Client Information: Company: PERC Address: _____ Email To: mmw@perc.com Phone: 360-570-1700 Requested Due Date/TAT: 5/13/13		Section B Required Project Information: Report To: Jeff King Copy To: Stacy Munson, Paul Grinstead Purchase Order No.: _____ Project Name: Superior - Jun 2013 GWM Project Number: _____		Section C Invoice Information: Attention: Jeff King Company Name: PERC Address: _____ Pace Quote Reference: _____ Pace Project Manager: Jeani Gross Pace Profile #: _____	
REGULATORY AGENCY <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____		Site Location STATE: WA		Requested Analysis: Filtered (Y/N) <input type="checkbox"/> Total Metals (Ar, Cd, Pb) <input type="checkbox"/> Dissolved Metals (Ar, Cd, Pb) <input type="checkbox"/> Total Mercury (Hg) <input type="checkbox"/> Dissolved Mercury (Hg) <input type="checkbox"/> Ni/TPH-Gx <input type="checkbox"/> Ni/TPH-Dx + SG <input type="checkbox"/> 8270 (PCP only) <input type="checkbox"/> 8260 VOCs <input type="checkbox"/> Salinity <input type="checkbox"/> Total Dissolved Solids <input type="checkbox"/> Residual Chlorine (Y/N)	

ITEM #	Section D Required Client Information Matrix Codes MATRIX / CODE DWT DW WT WT Waste Water P Product SL Soil/Solid CL Oil WP Wipe AR Air TS Tissue OT Other	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis: Filtered (Y/N)	Pace Project No./ Lab ID
				DATE	TIME						
1	GD-MU-8E-D13013						10	H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other	X	XXXXXX	10218920037
2	GD-MU-8E-D13013-(20)						11		X	XXXXXX	10218920038
3	GD-MU-8E-D13013						13		X	XXXXXX	10218920039
4	GD-MU-8E-D13013-(20)						11		X	XXXXXX	10218920040
5	EB-PMW-1-D13013						13		X	XXXXXX	10218920041
6	EB-PMW-1-D13013-(20)						11		X	XXXXXX	10218920042
7	Trip Blank 1						4		X		10218920043
8											
9											
10											
11											
12											

ADDITIONAL COMMENTS: _____

RELINQUISHED BY / AFFILIATION: Stacy Munson DATE: 1/30/13 TIME: 2:05

ACCEPTED BY / AFFILIATION: Michael Olson DATE: 1/30/13 TIME: 14:07

Signature: Stacy Munson DATE SIGNED (MM/DD/YYYY): 1/30/13

SAMPLER NAME AND SIGNATURE: _____

PRINT NAME OF SAMPLER: Stacy Munson

SIGNATURE OF SAMPLER: Stacy Munson

DATE SIGNED (MM/DD/YYYY): 1/30/13

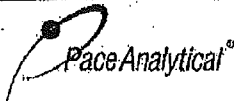
Temp in °C: _____

Received on Ice (Y/N): _____

Custody Sealed Cooler (Y/N): _____

Samples Intact (Y/N): _____

= 2.1, 1.9, 2.8, 1.9, 3.1, 1.8, 1.1, 1.3
 ORIGINAL
 1.4, 2.6, 2.5, 0.9

	Document Name: Sample Condition Upon Receipt Form	Document Revised: 28Jan2013 Page 1 of 1
	Document No.: F-MN-L-213-rev.06	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: Pioneer Project #: WO#: 10218920

WO#: 10218920



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Tracking Number: see attachment

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags None Other: _____ Temp Blank? Yes No

Thermom. Used: 888A912167504 80512447 72337080 Type of Ice: Wet Blue None Samples on Ice, cooling process has begun

Cooler Temp Read (°C): see attachment Cooler Temp Corrected (°C): see attachment Biological Tissue Frozen? Yes No

Temp should be above freezing to 6°C Correction Factor: _____ Date and Initials of Person Examining Contents: 1/31/13 LC

Comments: _____

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10. <u>1 ACQU of GW-MW-6(QC) & 1 vial</u>
Filtered Volume Received for Dissolved Tests?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11. <u>of GW MW</u>
Sample Labels Match COC?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>OB Pump - 1 ACQU was MISSING</u>
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>		<u>1/31/13 LC</u>
All containers needing acid/base preservation have been checked? Noncompliances are noted in 13.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl<2; NaOH>12)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Sample # <u>1</u>
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Page 1 = 1, 3, 5, 7, 9, 11 Page 2 = 1, 3, 5, 7, 9, 11 Page 3 = 1, 3, 5 Page 4 = 1, 3, 5
Headspace in VOA Vials (>6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative: _____
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15. <u>Can't see lot #</u>
Pace Trip Blank Lot # (if purchased):		

CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: JENNI GOOD Date: 1/31/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Temp.



Pace Analytical®

CUSTODY SEAL

SIGNATURE [Signature]

DATE 1/30/13

4.4



Pace Analytical®

CUSTODY SEAL

SIGNATURE [Signature]

DATE 1/30/13

3.8



Pace Analytical®

CUSTODY SEAL

SIGNATURE [Signature]

DATE 1/30/13

3.4



Pace Analytical®

CUSTODY SEAL

SIGNATURE [Signature]

DATE 1/30/13

1.0



Pace Analytical®

CUSTODY SEAL

SIGNATURE [Signature]

DATE 1/30/13

2.3



Pace Analytical®

CUSTODY SEAL

SIGNATURE [Signature]

DATE 1/30/13

.4



Pace Analytical®

CUSTODY SEAL

SIGNATURE [Signature]

DATE 1/30/13

1.6



Pace Analytical®

CUSTODY SEAL

SIGNATURE [Signature]

DATE 1/30/13

7.0



Pace Analytical®

CUSTODY SEAL

SIGNATURE [Signature]

DATE 1/30/13

6.2



Pace Analytical®

CUSTODY SEAL

SIGNATURE

[Signature]

DATE 1/30/13

3.3



Pace Analytical®

CUSTODY SEAL

SIGNATURE

[Signature]

DATE 1/30/13

1.6



Pace Analytical®

CUSTODY SEAL

SIGNATURE

[Signature]

DATE 1/30/13

1.2

This page has been left blank intentionally to allow for
double-sided printing.

Appendix B

This page has been left blank intentionally to allow for
double-sided printing.

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 0-1_08/11/10_SO	SUP_SL_1 1-2_08/11/10_SO	SUP_SL_1 2-4_08/11/10_SO	SUP_SL_1 4-6_08/11/10_SO	SUP_SL_1 6-8_08/11/10_SO	SUP_SL_1 8-10_08/11/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran		0.10 U	0.10 U	0.14 U	0.10 J	0.12 J	0.15 U
Metals (mg/kg)							
Arsenic, Inorganic		2.70 ^	3.10 ^	69.00 ^	86.00 ^	86.00 ^	4.40 ^
Cadmium		0.26 J	0.27 J	0.48 J	0.39 J	0.71 J	0.38 J
Lead and Compounds		3.20 ^ B	4.10 ^ B	87.00 ^ B	75.00 ^ B	58.00 ^ B	5.70 ^ B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene		0.02 U	0.02 U	0.03 U	0.11	0.16	0.03 U
Anthracene		0.02 U	0.02 U	0.03 U	0.05	0.08	0.03 U
Benz[a]anthracene		0.003 J	0.02 U	0.01 J	0.06	0.06	0.04 U
Benzo[a]pyrene		0.03 U	0.03 U	0.04 U	0.06 U	0.06 U	0.05 U
Benzo[b]fluoranthene		0.02 U	0.02 U	0.03 U	0.04 U	0.04 U	0.03 U
Benzo[k]fluoranthene		0.03 U	0.02 U	0.04 U	0.05 U	0.05 U	0.04 U
Chrysene		0.03 U	0.02 U	0.04	0.08	0.10	0.04 U
Dibenz[a,h]anthracene		0.04 U	0.04 U	0.06 U	0.08 U	0.08 U	0.06 U
Fluoranthene		0.02 U	0.02 U	0.04	0.29	0.41	0.03 U
Fluorene		0.02 U	0.02 U	0.03 U	0.14	0.18	0.03 U
Indeno[1,2,3-cd]pyrene		0.04 U	0.04 U	0.06 U	0.08 U	0.08 U	0.06 U
Methylnaphthalene, 1-		0.03 U	0.03 U	0.04 U	0.07	0.07	0.05 U
Methylnaphthalene, 2-		0.02 U	0.02 U	0.005 J	0.12	0.14	0.03 U
Naphthalene		0.02 U	0.02 U	0.006 J	0.29	0.11	0.10 U
Pyrene		0.02 U	0.02 U	0.04	0.21	0.32	0.03 U
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 0-1_08/11/10_SO	SUP_SL_1 1-2_08/11/10_SO	SUP_SL_1 2-4_08/11/10_SO	SUP_SL_1 4-6_08/11/10_SO	SUP_SL_1 6-8_08/11/10_SO	SUP_SL_1 8-10_08/11/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene				0.10 U	0.19 U		0.10 U
1,3-Dichlorobenzene		0.05 U	0.05 U	0.10 U	0.19 U	0.10 U	0.10 U
2,2-Dichloropropane				0.10 U	0.19 U		0.10 U
Acenaphthylene		0.02 U	0.02 U	0.03 U	0.04 U	0.04 U	0.03 U
Benzo(g,h,i)perylene		0.03 U	0.02 U	0.04 U	0.05 U	0.05 U	0.04 U
Benzoic Acid		2.50 U	2.40 U	2.10 J	3.80 J	4.90 U	3.80 U
Benzyl Alcohol		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Bis(2-chloro-1-methylethyl) ether		0.15 U	0.15 U	0.21 U	0.29 U	0.29 U	0.23 U
Bis(2-chloroethoxy)methane		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 0-1_08/11/10_SO	SUP_SL_1 1-2_08/11/10_SO	SUP_SL_1 2-4_08/11/10_SO	SUP_SL_1 4-6_08/11/10_SO	SUP_SL_1 6-8_08/11/10_SO	SUP_SL_1 8-10_08/11/10_SO
Bis(2-chloroethyl)ether		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Bis(2-ethylhexyl)phthalate		1.50 U	1.50 U	0.07 J	2.90 U	0.28 J	2.30 U
Bromobenzene				0.10 U	0.19 U		0.10 U
Bromochloromethane				0.10 U	0.19 U		0.10 U
Bromophenylphenylether, 4-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Butyl Benzyl Phthlate		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Butylbenzene, n-				0.10 U	0.19 U		0.10 U
Carbazole		0.15 U	0.15 U	0.21 U	0.04 J	0.06 J	0.23 U
Chloroaniline, p-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Chloronaphthalene, Beta-		0.02 U	0.02 U	0.03 U	0.04 U	0.04 U	0.03 U
Chlorophenol, 2-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Chlorophenylphenylether, 4-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Chlorotoluene, o-				0.10 U	0.19 U		0.10 U
Chlorotoluene, p-				0.10 U	0.19 U		0.10 U
Cresol, o-		0.10 U	0.10 U	0.02 J	0.46	0.07 J	0.15 U
Cresol, p-chloro-m-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Cumene				0.10 U	0.08 J B		0.10 U
Di-n-octyl Phthalate		0.20 U	0.20 U	0.29 U	0.38 U	0.39 U	0.30 U
Dibromo-3-chloropropane, 1,2-				0.50 U	0.94 U		0.50 U
Dibromoethane, 1,2-				0.10 U	0.19 U		0.10 U
Dibromomethane (Methylene Bromide)				0.10 U	0.19 U		0.10 U
Dibutyl Phthalate		0.20 U	0.20 U	0.29 U	0.38 U	0.17 J	0.30 U
Dichlorobenzene, 1,2-		0.05 U	0.05 U	0.10 U	0.19 U	0.10 U	0.10 U
Dichlorobenzidine, 3,3'-		0.20 U	0.20 U	0.29 U	0.38 U	0.39 U	0.30 U
Dichlorodifluoromethane				0.10 U	0.19 U		0.10 U
Dichlorophenol, 2,4-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Dichloropropane, 1,3-				0.10 U	0.19 U		0.10 U
Diethyl Phthalate		0.02 J	0.10 U	0.14 U	0.10 J	0.20 U	0.15 U
Dimethyl Phthalate		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Dimethylphenol, 2,4-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Dinitro-o-cresol, 4,6-		0.99 U	0.98 U	1.40 U	1.90 U	2.00 U	1.50 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 0-1_08/11/10_SO	SUP_SL_1 1-2_08/11/10_SO	SUP_SL_1 2-4_08/11/10_SO	SUP_SL_1 4-6_08/11/10_SO	SUP_SL_1 6-8_08/11/10_SO	SUP_SL_1 8-10_08/11/10_SO
Dinitrophenol, 2,4-		0.99 U	0.98 U	1.40 U	1.90 U	2.00 U	1.50 U
Dinitrotoluene, 2,4-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Dinitrotoluene, 2,6-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Hexachlorobenzene		0.05 U	0.05 U	0.07 U	0.10 U	0.10 U	0.08 U
Hexachlorobutadiene		0.05 U	0.05 U	0.10 U	0.19 U	0.10 U	0.10 U
Hexachlorocyclopentadiene		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Hexachloroethane		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Isophorone		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-		0.20 U	0.20 U	0.17 J	7.60	1.10	0.30 U
Nitroaniline, 2-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Nitroaniline, 3-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Nitroaniline, 4-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Nitrobenzene		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Nitrophenol, 2-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Nitrophenol, 4-		0.99 U	0.98 U	1.40 U	1.90 U	2.00 U	1.50 U
Nitroso-di-N-propylamine, N-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Nitrosodiphenylamine, N-		0.05 U	0.05 U	0.07 U	0.10 U	0.10 U	0.08 U
Pentachlorophenol							
Phenanthrene		0.02 U	0.02 U	0.03	0.45	0.68	0.03 U
Phenol		0.10 U	0.10 U	0.31	1.50	0.20 U	0.15 U
Propyl benzene				0.10 U	0.19 U		0.10 U
Tetrachloroethane, 1,1,1,2-				0.10 U	0.19 U		0.10 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-				0.10 U	0.19 U		0.10 U
Trichlorobenzene, 1,2,4-		0.05 U	0.05 U	0.10 U	0.19 U	0.10 U	0.10 U
Trichlorofluoromethane				0.10 U	0.19 U		0.10 U
Trichlorophenol, 2,4,5-		0.10 U	0.10 U	0.14 U	0.19 U	0.20 U	0.15 U
Trichlorophenol, 2,4,6-		0.15 U	0.15 U	0.21 U	0.29 U	0.29 U	0.23 U
Trichloropropane, 1,2,3-				0.10 U	0.19 U		0.10 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 0-1_08/11/10_SO	SUP_SL_1 1-2_08/11/10_SO	SUP_SL_1 2-4_08/11/10_SO	SUP_SL_1 4-6_08/11/10_SO	SUP_SL_1 6-8_08/11/10_SO	SUP_SL_1 8-10_08/11/10_SO
Trimethylbenzene, 1,2,4-				0.10 U	0.04 J		0.10 U
Trimethylbenzene, 1,3,5-				0.10 U	0.19 U		0.10 U
cis-1,3-Dichloropropene				0.04 U	0.08 U		0.04 U
sec-Butylbenzene				0.10 U	0.19 U		0.10 U
tert-Amylmethyl ether							
tert-Butylbenzene				0.10 U	0.19 U		0.10 U
trans-1,3-Dichloropropene				0.04 U	0.08 U		0.04 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene				0.04 U	0.04 J B		0.01 J B
Bromodichloromethane				0.10 U	0.19 U		0.10 U
Bromoform				0.10 U	0.19 U		0.10 U
Bromomethane				0.35 U	0.65 U		0.35 U
Carbon Disulfide							
Carbon Tetrachloride				0.05 U	0.09 U		0.05 U
Chlorobenzene				0.10 U	0.03 J		0.10 U
Chloroform				0.10 U	0.19 U		0.10 U
Chloromethane				0.99 U	1.90 U		1.00 U
Dibromochloromethane				0.10 U	0.19 U		0.10 U
Dichlorobenzene, 1,4-		0.05 U	0.05 U	0.10 U	0.19 U	0.10 U	0.10 U
Dichloroethane, 1,1-				0.10 U	0.19 U		0.10 U
Dichloroethane, 1,2-				0.10 U	0.19 U		0.10 U
Dichloroethylene, 1,1-				0.05 U	0.09 U		0.05 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-				0.10 U	0.09 J		0.10 U
Dichloroethylene, 1,2-trans-				0.10 U	0.19 U		0.10 U
Dichloropropane, 1,2-				0.03 U	0.06 U		0.03 U
Ethyl Chloride				0.99 U	1.90 U		1.00 U
Ethylbenzene				0.01 J B	0.15 J B		0.10 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 0-1_08/11/10_SO	SUP_SL_1 1-2_08/11/10_SO	SUP_SL_1 2-4_08/11/10_SO	SUP_SL_1 4-6_08/11/10_SO	SUP_SL_1 6-8_08/11/10_SO	SUP_SL_1 8-10_08/11/10_SO
Methylene Chloride				0.10 U	0.19 U		0.10 U
Styrene				0.10 U	0.19 U		0.10 U
Tetrachloroethane, 1,1,2,2-				0.03 U	0.05 U		0.03 U
Tetrachloroethylene				0.05 U	0.09 U		0.05 U
Toluene				0.62 B	50.00		0.06 J B
Trichloroethane, 1,1,1-				0.10 U	0.19 U		0.10 U
Trichloroethane, 1,1,2-				0.03 U	0.06 U		0.03 U
Trichloroethylene				0.04 U	0.08 U		0.04 U
Vinyl Chloride				0.02 U	0.04 U		0.02 U
Xylene, o-				0.10 U	0.02 J		0.10 U
Xylenes							
m&p-Xylene				0.10 U	0.06 J B		0.10 U
p-Isopropyltoluene				0.37 B	29.00 B		0.27 B

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 10-12_08/11/10_SO	SUP_SL_1 12-14_08/11/10_SO	SUP_SL_1 14-16_08/11/10_SO	SUP_SL_1_1-2_RS_11/16/10_SO	SUP_SL_1_2-4_RS_11/16/10_SO	SUP_SL_1_4-6_RS_11/16/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran		0.17 U	0.14 U		0.13 U		
Metals (mg/kg)							
Arsenic, Inorganic		20.00 ^	5.30 ^		2.30 J ^		
Cadmium		0.15 J	0.20 J		0.22 J		
Lead and Compounds		4.90 ^ B	4.30 ^ B		3.70 ^ B		
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene		0.04 U	0.03 U		0.03 U		
Anthracene		0.04 U	0.03 U		0.03 U		
Benz[a]anthracene		0.004 J	0.04 U		0.003 J		
Benzo[a]pyrene		0.05 U	0.04 U		0.04 U		
Benzo[b]fluoranthene		0.04 U	0.03 U		0.03 U		
Benzo[k]fluoranthene		0.04 U	0.04 U		0.03 U		
Chrysene		0.04 U	0.04 U		0.03 U		
Dibenz[a,h]anthracene		0.07 U	0.06 U		0.05 U		
Fluoranthene		0.04 U	0.03 U		0.03 U		
Fluorene		0.04 U	0.03 U		0.03 U		
Indeno[1,2,3-cd]pyrene		0.07 U	0.06 U		0.05 U		
Methylnaphthalene, 1-		0.05 U	0.04 U		0.04 U		
Methylnaphthalene, 2-		0.04 U	0.03 U		0.03 U		
Naphthalene		0.10 U	0.13 U		0.05 U		
Pyrene		0.04 U	0.03 U		0.03 U		
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 10-12_08/11/10_SO	SUP_SL_1 12-14_08/11/10_SO	SUP_SL_1 14-16_08/11/10_SO	SUP_SL_1_1-2_RS_11/16/10_SO	SUP_SL_1_2-4_RS_11/16/10_SO	SUP_SL_1_4-6_RS_11/16/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8--C24)							
Gasoline Range Organics (~C4--C12)							
Motor Oil Range Organics (~C14--C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.10 U	0.13 U		0.05 U		
1,3-Dichlorobenzene		0.10 U	0.13 U		0.06 U		
2,2-Dichloropropane		0.10 U	0.13 U		0.05 U		
Acenaphthylene		0.04 U	0.03 U		0.03 U		
Benzo(g,h,i)perylene		0.04 U	0.04 U		0.03 U		
Benzoic Acid		4.40 U	3.60 U		3.20 U		
Benzyl Alcohol		0.17 U	0.14 U		0.13 U		
Bis(2-chloro-1-methylethyl) ether		0.26 U	0.22 U		0.19 U		
Bis(2-chloroethoxy)methane		0.17 U	0.14 U		0.13 U		

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 10-12_08/11/10_SO	SUP_SL_1 12-14_08/11/10_SO	SUP_SL_1 14-16_08/11/10_SO	SUP_SL_1_1-2_RS_11/16/10_SO	SUP_SL_1_2-4_RS_11/16/10_SO	SUP_SL_1_4-6_RS_11/16/10_SO
Bis(2-chloroethyl)ether		0.17 U	0.14 U	0.13 U			
Bis(2-ethylhexyl)phthalate		2.60 U	2.20 U	1.90 U			
Bromobenzene		0.10 U	0.13 U	0.05 U			
Bromochloromethane		0.10 U	0.13 U	0.05 U			
Bromophenylphenylether, 4-		0.17 U	0.14 U	0.13 U			
Butyl Benzyl Phthlate		0.17 U	0.14 U	0.13 U			
Butylbenzene, n-		0.10 U	0.13 U	0.05 U			
Carbazole		0.26 U	0.22 U	0.19 U			
Chloroaniline, p-		0.17 U	0.14 U	0.13 U			
Chloronaphthalene, Beta-		0.04 U	0.03 U	0.03 U			
Chlorophenol, 2-		0.17 U	0.14 U	0.13 U			
Chlorophenylphenylether, 4-		0.17 U	0.14 U	0.13 U			
Chlorotoluene, o-		0.10 U	0.13 U	0.05 U			
Chlorotoluene, p-		0.10 U	0.13 U	0.05 U			
Cresol, o-		0.17 U	0.14 U	0.13 U			
Cresol, p-chloro-m-		0.17 U	0.14 U	0.13 U			
Cumene		0.10 U	0.13 U	0.05 U			
Di-n-octyl Phthalate		0.35 U	0.29 U	0.26 U			
Dibromo-3-chloropropane, 1,2-		0.51 U	0.64 U	0.24 U			
Dibromoethane, 1,2-		0.10 U	0.13 U	0.05 U			
Dibromomethane (Methylene Bromide)		0.10 U	0.13 U	0.05 U			
Dibutyl Phthalate		0.35 U	0.29 U	0.26 U			
Dichlorobenzene, 1,2-		0.10 U	0.13 U	0.06 U			
Dichlorobenzidine, 3,3'-		0.35 U	0.29 U	0.26 U			
Dichlorodifluoromethane		0.10 U	0.13 U	0.05 U			
Dichlorophenol, 2,4-		0.17 U	0.14 U	0.13 U			
Dichloropropane, 1,3-		0.10 U	0.13 U	0.05 U			
Diethyl Phthalate		0.17 U	0.14 U	0.13 U			
Dimethyl Phthalate		0.17 U	0.14 U	0.13 U			
Dimethylphenol, 2,4-		0.17 U	0.14 U	0.13 U			
Dinitro-o-cresol, 4,6-		1.70 U	1.40 U	1.30 U			

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 10-12_08/11/10_SO	SUP_SL_1 12-14_08/11/10_SO	SUP_SL_1 14-16_08/11/10_SO	SUP_SL_1_1-2_RS_11/16/10_SO	SUP_SL_1_2-4_RS_11/16/10_SO	SUP_SL_1_4-6_RS_11/16/10_SO
Dinitrophenol, 2,4-		1.70 U	1.40 U	1.30 U			
Dinitrotoluene, 2,4-		0.17 U	0.14 U	0.13 U			
Dinitrotoluene, 2,6-		0.17 U	0.14 U	0.13 U			
Hexachlorobenzene		0.09 U	0.07 U	0.06 U			
Hexachlorobutadiene		0.10 U	0.13 U	0.06 U			
Hexachlorocyclopentadiene		0.17 U	0.14 U	0.13 U			
Hexachloroethane		0.17 U	0.14 U	0.13 U			
Isophorone		0.17 U	0.14 U	0.13 U			
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-		0.35 U	0.29 U	0.26 U			
Nitroaniline, 2-		0.17 U	0.14 U	0.13 U			
Nitroaniline, 3-		0.17 U	0.14 U	0.13 U			
Nitroaniline, 4-		0.17 U	0.14 U	0.13 U			
Nitrobenzene		0.17 U	0.14 U	0.13 U			
Nitrophenol, 2-		0.17 U	0.14 U	0.13 U			
Nitrophenol, 4-		1.70 U	1.40 U	1.30 U			
Nitroso-di-N-propylamine, N-		0.17 U	0.14 U	0.13 U			
Nitrosodiphenylamine, N-		0.09 U	0.07 U	0.06 U			
Pentachlorophenol					0.71	0.23 U	0.87 U
Phenanthrene		0.04 U	0.03 U	0.03 U			
Phenol		0.17 U	0.14 U	0.13 U			
Propyl benzene		0.10 U	0.13 U	0.05 U			
Tetrachloroethane, 1,1,1,2-		0.10 U	0.13 U	0.05 U			
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.10 U	0.13 U	0.05 U			
Trichlorobenzene, 1,2,4-		0.10 U	0.13 U	0.06 U			
Trichlorofluoromethane		0.10 U	0.13 U	0.05 U			
Trichlorophenol, 2,4,5-		0.17 U	0.14 U	0.13 U			
Trichlorophenol, 2,4,6-		0.26 U	0.22 U	0.19 U			
Trichloropropane, 1,2,3-		0.10 U	0.13 U	0.05 U			

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 10-12_08/11/10_SO	SUP_SL_1 12-14_08/11/10_SO	SUP_SL_1 14-16_08/11/10_SO	SUP_SL_1_1-2_RS_11/16/10_SO	SUP_SL_1_2-4_RS_11/16/10_SO	SUP_SL_1_4-6_RS_11/16/10_SO
Trimethylbenzene, 1,2,4-		0.10 U	0.13 U	0.05 U			
Trimethylbenzene, 1,3,5-		0.10 U	0.13 U	0.05 U			
cis-1,3-Dichloropropene		0.04 U	0.05 U	0.02 U			
sec-Butylbenzene		0.10 U	0.13 U	0.05 U			
tert-Amylmethyl ether							
tert-Butylbenzene		0.10 U	0.13 U	0.05 U			
trans-1,3-Dichloropropene		0.04 U	0.05 U	0.02 U			
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.04 U	0.05 U	0.004 J B			
Bromodichloromethane		0.10 U	0.13 U	0.05 U			
Bromoform		0.10 U	0.13 U	0.05 U			
Bromomethane		0.36 U	0.45 U	0.17 U			
Carbon Disulfide							
Carbon Tetrachloride		0.05 U	0.06 U	0.02 U			
Chlorobenzene		0.10 U	0.13 U	0.05 U			
Chloroform		0.10 U	0.13 U	0.05 U			
Chloromethane		1.00 U	1.30 U	0.49 U			
Dibromochloromethane		0.10 U	0.13 U	0.05 U			
Dichlorobenzene, 1,4-		0.10 U	0.13 U	0.06 U			
Dichloroethane, 1,1-		0.10 U	0.13 U	0.05 U			
Dichloroethane, 1,2-		0.10 U	0.13 U	0.05 U			
Dichloroethylene, 1,1-		0.05 U	0.06 U	0.02 U			
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.10 U	0.13 U	0.05 U			
Dichloroethylene, 1,2-trans-		0.10 U	0.13 U	0.05 U			
Dichloropropane, 1,2-		0.03 U	0.04 U	0.02 U			
Ethyl Chloride		1.00 U	1.30 U	0.49 U			
Ethylbenzene		0.010 J B	0.13 U	0.05 U			
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 10-12_08/11/10_SO	SUP_SL_1 12-14_08/11/10_SO	SUP_SL_1 14-16_08/11/10_SO	SUP_SL_1_1-2_RS_11/16/10_SO	SUP_SL_1_2-4_RS_11/16/10_SO	SUP_SL_1_4-6_RS_11/16/10_SO
Methylene Chloride		0.10 U	0.13 U	0.05 U			
Styrene		0.10 U	0.13 U	0.05 U			
Tetrachloroethane, 1,1,2,2-		0.03 U	0.03 U	0.01 U			
Tetrachloroethylene		0.05 U	0.06 U	0.02 U			
Toluene		0.03 J B	0.02 J B	0.005 J B			
Trichloroethane, 1,1,1-		0.10 U	0.13 U	0.05 U			
Trichloroethane, 1,1,2-		0.03 U	0.04 U	0.02 U			
Trichloroethylene		0.04 U	0.05 U	0.02 U			
Vinyl Chloride		0.02 U	0.03 U	0.010 U			
Xylene, o-		0.10 U	0.13 U	0.05 U			
Xylenes							
m&p-Xylene		0.10 U	0.13 U	0.05 U			
p-Isopropyltoluene		0.08 J B	0.05 J B	0.05 U			

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1 6-8_RS_11/16/10_S	SUP_SL_1 8-10_RS_11/16/10_S	SUP_SL_1 10-12_050911	SUP_SL_1 12-14_050911	SUP_SL_1 14-16_050911	SUP_SL_10 8-10_051011
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic							22.20
Cadmium							5.40 U
Lead and Compounds							47.50
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							0.002 UB
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1_6-8_RS_11/16/10_S	SUP_SL_1_8-10_RS_11/16/10_S	SUP_SL_1_10-12_050911	SUP_SL_1_12-14_050911	SUP_SL_1_14-16_050911	SUP_SL_10_8-10_051011
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							0.003 U
1,3-Dichlorobenzene							0.003 U
2,2-Dichloropropane							0.003 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1_6-8_RS_11/16/10_S	SUP_SL_1_8-10_RS_11/16/10_S	SUP_SL_1_10-12_050911	SUP_SL_1_12-14_050911	SUP_SL_1_14-16_050911	SUP_SL_10_8-10_051011
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							0.003 U
Bromochloromethane							0.003 U
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							0.003 U
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							0.003 U
Chlorotoluene, p-							0.003 U
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							0.003 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							0.006 U
Dibromoethane, 1,2-							0.003 U
Dibromomethane (Methylene Bromide)							0.003 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							0.003 U
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							0.003 U
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							0.003 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1_6-8_RS_11/16/10_S	SUP_SL_1_8-10_RS_11/16/10_S	SUP_SL_1_10-12_050911	SUP_SL_1_12-14_050911	SUP_SL_1_14-16_050911	SUP_SL_10_8-10_051011
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene							0.003 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							0.01 U
Methyl tert-Butyl Ether (MTBE)							0.003 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.37 U	0.38 U	0.60 UJ	0.72 UJ	0.42 UJ	0.45 UJ
Phenanthrene							
Phenol							
Propyl benzene							0.003 U
Tetrachloroethane, 1,1,1,2-							0.003 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							0.003 U
Trichlorobenzene, 1,2,3-							0.003 U
Trichlorobenzene, 1,2,4-							0.003 U
Trichlorofluoromethane							0.003 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-							0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1_6-8_RS_11/16/10_S	SUP_SL_1_8-10_RS_11/16/10_S	SUP_SL_1_10-12_050911	SUP_SL_1_12-14_050911	SUP_SL_1_14-16_050911	SUP_SL_10_8-10_051011
Trimethylbenzene, 1,2,4-							0.001 UB
Trimethylbenzene, 1,3,5-							0.003 U
cis-1,3-Dichloropropene							0.003 U
sec-Butylbenzene							0.003 U
tert-Amylmethyl ether							0.003 U
tert-Butylbenzene							0.003 U
trans-1,3-Dichloropropene							0.003 U
Volatile Organic Compounds (mg/kg)							
Acetone							0.02 B
Benzene							0.0004 UB
Bromodichloromethane							0.003 U
Bromoform							0.003 U
Bromomethane							0.003 U
Carbon Disulfide							0.0004 J
Carbon Tetrachloride							0.003 U
Chlorobenzene							0.003 U
Chloroform							0.003 U
Chloromethane							0.003 U
Dibromochloromethane							0.003 U
Dichlorobenzene, 1,4-							0.003 U
Dichloroethane, 1,1-							0.003 U
Dichloroethane, 1,2-							0.003 U
Dichloroethylene, 1,1-							0.003 U
Dichloroethylene, 1,2- (Mixed Isomers)							0.007 U
Dichloroethylene, 1,2-cis-							0.003 U
Dichloroethylene, 1,2-trans-							0.003 U
Dichloropropane, 1,2-							0.003 U
Ethyl Chloride							0.003 U
Ethylbenzene							0.0007 UB
Hexanone, 2-							0.01 U
Methyl Ethyl Ketone (2-Butanone)							0.008 UB

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_1_6-8_RS_11/16/10_S	SUP_SL_1_8-10_RS_11/16/10_S	SUP_SL_1_10-12_050911	SUP_SL_1_12-14_050911	SUP_SL_1_14-16_050911	SUP_SL_10_8-10_051011
Methylene Chloride							0.01 U
Styrene							0.003 U
Tetrachloroethane, 1,1,2,2-							0.003 U
Tetrachloroethylene							0.003 U
Toluene							0.003 U
Trichloroethane, 1,1,1-							0.003 U
Trichloroethane, 1,1,2-							0.003 U
Trichloroethylene							0.003 U
Vinyl Chloride							0.003 U
Xylene, o-							0.0007 UB
Xylenes							0.003 UB
m&p-Xylene							0.003 UB
p-Isopropyltoluene							0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_10 10-12_051011	SUP_SL_10 12-14_051011	SUP_SL_10 14-16_051011	SUP_SL_11 8-10_051011	SUP_SL_11 10-12_051011	SUP_SL_11 12-14_051011
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		5.30	2.80	20.60	342.00	388.00	75.60
Cadmium		0.99 U	1.10 U	1.20 U	0.47 J	0.74 J	0.03 J
Lead and Compounds		1.60	1.70	51.60	65.30	24.10	1.90
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.003 U	0.004 U	0.001 UB	0.004 U	0.004 U	0.003 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_10 10-12_051011	SUP_SL_10 12-14_051011	SUP_SL_10 14-16_051011	SUP_SL_11 8-10_051011	SUP_SL_11 10-12_051011	SUP_SL_11 12-14_051011
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
1,3-Dichlorobenzene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
2,2-Dichloropropane		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_10 10-12_051011	SUP_SL_10 12-14_051011	SUP_SL_10 14-16_051011	SUP_SL_11 8-10_051011	SUP_SL_11 10-12_051011	SUP_SL_11 12-14_051011
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Bromochloromethane		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Di-n-octyl Phthalate		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.005 U	0.006 U	0.006 U	0.007 U	0.006 U	0.006 U
Dibutyl Phthalate		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_10 10-12_051011	SUP_SL_10 12-14_051011	SUP_SL_10 14-16_051011	SUP_SL_11 8-10_051011	SUP_SL_11 10-12_051011	SUP_SL_11 12-14_051011
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.003 U	0.01 U 0.004 U	0.01 U 0.004 U	0.01 U 0.004 U	0.01 U 0.004 U	0.01 U 0.003 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.40 UJ	0.40 UJ	0.40 UJ	0.49 UJ	0.43 UJ	0.40 UJ
Phenanthrene Phenol Propyl benzene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_10 10-12_051011	SUP_SL_10 12-14_051011	SUP_SL_10 14-16_051011	SUP_SL_11 8-10_051011	SUP_SL_11 10-12_051011	SUP_SL_11 12-14_051011
Trimethylbenzene, 1,2,4-		0.0006 UB	0.004 U	0.004 U	0.004 U	0.0008 UB	0.003 U
Trimethylbenzene, 1,3,5-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
cis-1,3-Dichloropropene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
sec-Butylbenzene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
tert-Amylmethyl ether		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
tert-Butylbenzene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
trans-1,3-Dichloropropene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.01 U	0.005 J	0.01 U	0.02	0.006 J	0.01
Benzene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Bromodichloromethane		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Bromoform		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Bromomethane		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Carbon Disulfide		0.003 U	0.004 U	0.0005 J	0.0007 J	0.0006 J	0.003 U
Carbon Tetrachloride		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Chlorobenzene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Chloroform		0.003 U	0.004 U	0.0006 J	0.004 U	0.004 U	0.003 U
Chloromethane		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dibromochloromethane		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dichlorobenzene, 1,4-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dichloroethane, 1,1-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dichloroethane, 1,2-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dichloroethylene, 1,1-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U	0.008 U	0.007 U	0.003 J	0.003 J	0.0010 J
Dichloroethylene, 1,2-cis-		0.003 U	0.004 U	0.004 U	0.003 J	0.003 J	0.0010 J
Dichloroethylene, 1,2-trans-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Dichloropropane, 1,2-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Ethyl Chloride		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Ethylbenzene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Hexanone, 2-		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U	0.01 U	0.007 J	0.007 J	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_10 10-12_051011	SUP_SL_10 12-14_051011	SUP_SL_10 14-16_051011	SUP_SL_11 8-10_051011	SUP_SL_11 10-12_051011	SUP_SL_11 12-14_051011
Methylene Chloride		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Styrene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Tetrachloroethane, 1,1,2,2-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Tetrachloroethylene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Toluene		0.0007 UB	0.0009 UB	0.0007 UB	0.0009 UB	0.0009 UB	0.0008 UB
Trichloroethane, 1,1,1-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Trichloroethane, 1,1,2-		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Trichloroethylene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Vinyl Chloride		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Xylene, o-		0.0004 UB	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
Xylenes		0.002 UB	0.002 UB	0.002 UB	0.002 UB	0.002 UB	0.002 UB
m&p-Xylene		0.002 UB	0.002 UB	0.002 UB	0.002 UB	0.002 UB	0.001 UB
p-Isopropyltoluene		0.003 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_11 14-16_051011	SUP_SL_12 8-10_051011	SUP_SL_12 10-12_051011	SUP_SL_12 12-14_051011	SUP_SL_12 14-16_051011	SUP_SL_13 6-8_051011
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		80.60	380.00	300.00	115.00	34.20	579.00
Cadmium		1.10 U	0.56 J	0.35 J	0.17 J	1.00 U	1.20 J
Lead and Compounds		94.60	59.00	10.50	2.40	9.10	20.90
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.003 U	0.004 U	0.004 U	0.003 U	0.002 UB	0.004 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_11 14-16_051011	SUP_SL_12 8-10_051011	SUP_SL_12 10-12_051011	SUP_SL_12 12-14_051011	SUP_SL_12 14-16_051011	SUP_SL_13 6-8_051011
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
1,3-Dichlorobenzene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
2,2-Dichloropropane		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_11 14-16_051011	SUP_SL_12 8-10_051011	SUP_SL_12 10-12_051011	SUP_SL_12 12-14_051011	SUP_SL_12 14-16_051011	SUP_SL_13 6-8_051011
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromochloromethane		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Cresol, p-chloro-m- Cumene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.005 U	0.007 U	0.006 U	0.006 U	0.006 U	0.007 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichlorodifluoromethane		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_11 14-16_051011	SUP_SL_12 8-10_051011	SUP_SL_12 10-12_051011	SUP_SL_12 12-14_051011	SUP_SL_12 14-16_051011	SUP_SL_13 6-8_051011
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.003 U	0.01 U 0.004 U	0.01 U 0.004 U	0.01 U 0.003 U	0.01 U 0.003 U	0.01 U 0.004 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.38 UJ	0.48 UJ	0.48 UJ	0.40 UJ	0.40 UJ	0.53 UJ
Phenanthrene Phenol Propyl benzene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_11 14-16_051011	SUP_SL_12 8-10_051011	SUP_SL_12 10-12_051011	SUP_SL_12 12-14_051011	SUP_SL_12 14-16_051011	SUP_SL_13 6-8_051011
Trimethylbenzene, 1,2,4-		0.0006 UB	0.0009 UB	0.0009 UB	0.0008 UB	0.0009 UB	0.0009 UB
Trimethylbenzene, 1,3,5-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
cis-1,3-Dichloropropene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
sec-Butylbenzene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
tert-Amylmethyl ether		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
tert-Butylbenzene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
trans-1,3-Dichloropropene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.003 J	0.03	0.15	0.01	0.004 J	0.10
Benzene		0.003 U	0.0005 UB	0.0004 UB	0.0004 UB	0.0004 UB	0.0004 UB
Bromodichloromethane		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromoform		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromomethane		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Carbon Disulfide		0.0003 J	0.0005 J	0.0005 J	0.0005 J	0.001 J	0.001 J
Carbon Tetrachloride		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Chlorobenzene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Chloroform		0.001 J	0.004 U	0.004 U	0.003 U	0.001 J	0.004 U
Chloromethane		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Dibromochloromethane		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichlorobenzene, 1,4-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethane, 1,1-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethane, 1,2-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,1-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.0005 J	0.0007 J	0.0007 J	0.0008 J	0.0005 J	0.0006 J
Dichloroethylene, 1,2-cis-		0.0005 J	0.0007 J	0.0007 J	0.0008 J	0.0005 J	0.0006 J
Dichloroethylene, 1,2-trans-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloropropane, 1,2-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Ethyl Chloride		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Ethylbenzene		0.003 U	0.0007 UB	0.0006 UB	0.0005 UB	0.0006 UB	0.0007 UB
Hexanone, 2-		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.002 J	0.01 J	0.010 J	0.003 J	0.004 J	0.02

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_11 14-16_051011	SUP_SL_12 8-10_051011	SUP_SL_12 10-12_051011	SUP_SL_12 12-14_051011	SUP_SL_12 14-16_051011	SUP_SL_13 6-8_051011
Methylene Chloride		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.006 J
Styrene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Tetrachloroethane, 1,1,2,2-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Tetrachloroethylene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Toluene		0.0007 UB	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Trichloroethane, 1,1,1-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Trichloroethane, 1,1,2-		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Trichloroethylene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Vinyl Chloride		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U
Xylene, o-		0.0004 UB	0.0006 UB	0.0005 UB	0.0005 UB	0.0004 UB	0.0006 UB
Xylenes		0.002 UB	0.003 UB	0.003 UB	0.002 UB	0.002 UB	0.003 UB
m&p-Xylene		0.001 UB	0.002 UB	0.002 UB	0.002 UB	0.002 UB	0.002 UB
p-Isopropyltoluene		0.003 U	0.004 U	0.004 U	0.003 U	0.003 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_13 8-10_051011	SUP_SL_13 10-12_051011	SUP_SL_13 12-14_051011	SUP_SL_13 14-16_051011	SUP_SL_14 2-4_08/12/10_SO	SUP_SL_14 12-14_08/12/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		812.00	647.00	203.00	87.30	490.00	34.00
Cadmium		1.80 J	1.40 J	0.30 J	4.00 U	0.71	0.25 J
Lead and Compounds		70.10	74.90	1.90	8.60	81.00	1.80
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_13 8-10_051011	SUP_SL_13 10-12_051011	SUP_SL_13 12-14_051011	SUP_SL_13 14-16_051011	SUP_SL_14 2-4_08/12/10_SO	SUP_SL_14 12-14_08/12/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
1,3-Dichlorobenzene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
2,2-Dichloropropane		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_13 8-10_051011	SUP_SL_13 10-12_051011	SUP_SL_13 12-14_051011	SUP_SL_13 14-16_051011	SUP_SL_14 2-4_08/12/10_SO	SUP_SL_14 12-14_08/12/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Bromochloromethane		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Cresol, p-chloro-m- Cumene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.009 U	0.007 U	0.006 U	0.005 U	0.18 U	0.21 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Dichlorodifluoromethane		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_13 8-10_051011	SUP_SL_13 10-12_051011	SUP_SL_13 12-14_051011	SUP_SL_13 14-16_051011	SUP_SL_14 2-4_08/12/10_SO	SUP_SL_14 12-14_08/12/10_SO
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.02 U 0.006 U	0.01 U 0.004 U	0.01 U 0.004 U	0.01 U 0.003 U		
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.51 UJ	0.51 UJ	0.40 UJ	0.38 UJ		
Phenanthrene Phenol Propyl benzene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.006 U 0.006 U 0.006 U 0.006 U 0.006 U 0.006 U 0.006 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.04 U 0.04 U 0.04 U 0.04 U 0.04 U 0.04 U 0.04 U	0.04 U 0.04 U 0.04 U 0.04 U 0.04 U 0.04 U 0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_13 8-10_051011	SUP_SL_13 10-12_051011	SUP_SL_13 12-14_051011	SUP_SL_13 14-16_051011	SUP_SL_14 2-4_08/12/10_SO	SUP_SL_14 12-14_08/12/10_SO
Trimethylbenzene, 1,2,4-		0.001 UB	0.0010 UB	0.0007 UB	0.0006 UB	0.04 U	0.04 U
Trimethylbenzene, 1,3,5-		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
cis-1,3-Dichloropropene		0.006 U	0.004 U	0.004 U	0.003 U	0.01 U	0.02 U
sec-Butylbenzene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
tert-Amylmethyl ether		0.006 U	0.004 U	0.004 U	0.003 U		
tert-Butylbenzene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
trans-1,3-Dichloropropene		0.006 U	0.004 U	0.004 U	0.003 U	0.01 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.09	0.04	0.01	0.03		
Benzene		0.0005 UB	0.0004 UB	0.0003 UB	0.0003 UB	0.01 U	0.005 J
Bromodichloromethane		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Bromoform		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Bromomethane		0.006 U	0.004 U	0.004 U	0.003 U	0.12 U	0.15 U
Carbon Disulfide		0.002 J	0.0009 J	0.0004 J	0.0008 J		
Carbon Tetrachloride		0.006 U	0.004 U	0.004 U	0.003 U	0.02 U	0.02 U
Chlorobenzene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Chloroform		0.006 U	0.004 U	0.004 U	0.0006 J	0.04 U	0.04 U
Chloromethane		0.006 U	0.004 U	0.004 U	0.003 U	0.35 U	0.42 U
Dibromochloromethane		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Dichlorobenzene, 1,4-		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Dichloroethane, 1,1-		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Dichloroethane, 1,2-		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Dichloroethylene, 1,1-		0.006 U	0.004 U	0.004 U	0.003 U	0.02 U	0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.0008 J	0.009 U	0.007 U	0.001 J		
Dichloroethylene, 1,2-cis-		0.0008 J	0.0005 J	0.0003 J	0.001 J	0.07	0.04 U
Dichloroethylene, 1,2-trans-		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Dichloropropane, 1,2-		0.006 U	0.004 U	0.004 U	0.003 U	0.01 U	0.01 U
Ethyl Chloride		0.006 U	0.004 U	0.004 U	0.003 U	0.35 U	0.42 U
Ethylbenzene		0.0008 UB	0.0007 UB	0.0005 UB	0.0004 UB	0.04 U	0.04 U
Hexanone, 2-		0.02 U	0.01 U	0.01 U	0.01 U		
Methyl Ethyl Ketone (2-Butanone)		0.02 J	0.010 J	0.004 J	0.004 J		

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_13 8-10_051011	SUP_SL_13 10-12_051011	SUP_SL_13 12-14_051011	SUP_SL_13 14-16_051011	SUP_SL_14 2-4_08/12/10_SO	SUP_SL_14 12-14_08/12/10_SO
Methylene Chloride		0.02 U	0.01 U	0.004 J	0.01 U	0.04 U	0.04 U
Styrene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Tetrachloroethane, 1,1,2,2-		0.006 U	0.004 U	0.004 U	0.003 U	0.009 U	0.01 U
Tetrachloroethylene		0.006 U	0.004 U	0.004 U	0.003 U	0.10	0.02 J
Toluene		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Trichloroethane, 1,1,1-		0.006 U	0.004 U	0.004 U	0.003 U	0.04 U	0.04 U
Trichloroethane, 1,1,2-		0.006 U	0.004 U	0.004 U	0.003 U	0.01 U	0.01 U
Trichloroethylene		0.006 U	0.004 U	0.004 U	0.003 U	0.03	0.02 U
Vinyl Chloride		0.006 U	0.004 U	0.004 U	0.003 U	0.007 U	0.009 U
Xylene, o-		0.0007 UB	0.0006 UB	0.0004 UB	0.0004 UB	0.04 U	0.04 U
Xylenes		0.003 UB	0.003 UB	0.002 UB	0.002 UB		
m&p-Xylene		0.003 UB	0.002 UB	0.002 UB	0.002 UB	0.04 U	0.04 U
p-Isopropyltoluene		0.006 U	0.004 U	0.004 U	0.003 U	0.007 J	0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_14 14-16_08/12/10_SO	SUP_SL_14 2-4_050911	SUP_SL_14 12-14_050911	SUP_SL_14 14-16_050911	SUP_SL_15 2-4_08/11/10_SO	SUP_SL_15 8-10_08/11/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		12.00				890.00 ^	170.00 ^
Cadmium		0.25 J				0.31 J	0.95 U
Lead and Compounds		1.90				48.00 ^ B	12.00 ^ B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.05 U				0.03 U	0.40
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_14 14-16_08/12/10_SO	SUP_SL_14 2-4_050911	SUP_SL_14 12-14_050911	SUP_SL_14 14-16_050911	SUP_SL_15 2-4_08/11/10_SO	SUP_SL_15 8-10_08/11/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.05 U				0.03 U	0.11 U
1,3-Dichlorobenzene		0.05 U				0.03 U	0.11 U
2,2-Dichloropropane		0.05 U				0.03 U	0.11 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_14 14-16_08/12/10_SO	SUP_SL_14 2-4_050911	SUP_SL_14 12-14_050911	SUP_SL_14 14-16_050911	SUP_SL_15 2-4_08/11/10_SO	SUP_SL_15 8-10_08/11/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.05 U				0.03 U	0.11 U
Bromochloromethane		0.05 U				0.03 U	0.11 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.05 U				0.03 U	0.11 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.05 U				0.03 U	0.11 U
Cresol, p-chloro-m- Cumene		0.05 U				0.03 U	0.11 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.26 U				0.16 U	0.56 U
Dibutyl Phthalate		0.05 U				0.03 U	0.11 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.05 U				0.03 U	0.11 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.05 U				0.03 U	0.11 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_14 14-16_08/12/10_SO	SUP_SL_14 2-4_050911	SUP_SL_14 12-14_050911	SUP_SL_14 14-16_050911	SUP_SL_15 2-4_08/11/10_SO	SUP_SL_15 8-10_08/11/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.05 U				0.03 U	0.11 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol			0.36 UJ	0.51 U	0.44 U		
Phenanthrene							
Phenol							
Propyl benzene		0.05 U				0.03 U	0.11 U
Tetrachloroethane, 1,1,1,2-		0.05 U				0.03 U	0.11 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.05 U				0.03 U	0.11 U
Trichlorobenzene, 1,2,4-		0.05 U				0.03 U	0.11 U
Trichlorofluoromethane		0.05 U				0.03 U	0.11 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.05 U				0.03 U	0.11 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_14 14-16_08/12/10_SO	SUP_SL_14 2-4_050911	SUP_SL_14 12-14_050911	SUP_SL_14 14-16_050911	SUP_SL_15 2-4_08/11/10_SO	SUP_SL_15 8-10_08/11/10_SO
Trimethylbenzene, 1,2,4-		0.05 U				0.03 U	0.04 J
Trimethylbenzene, 1,3,5-		0.05 U				0.03 U	0.03 J
cis-1,3-Dichloropropene		0.02 U				0.01 U	0.05 U
sec-Butylbenzene		0.05 U				0.03 U	0.11 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.05 U				0.03 U	0.11 U
trans-1,3-Dichloropropene		0.02 U				0.01 U	0.05 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.004 J				0.01 U	0.05 U
Bromodichloromethane		0.05 U				0.03 U	0.11 U
Bromoform		0.05 U				0.03 U	0.11 U
Bromomethane		0.18 U				0.11 U	0.39 U
Carbon Disulfide							
Carbon Tetrachloride		0.03 U				0.02 U	0.06 U
Chlorobenzene		0.01 J				0.03 U	0.11 U
Chloroform		0.05 U				0.03 U	0.11 U
Chloromethane		0.52 U				0.33 U	1.10 U
Dibromochloromethane		0.05 U				0.03 U	0.11 U
Dichlorobenzene, 1,4-		0.05 U				0.03 U	0.11 U
Dichloroethane, 1,1-		0.05 U				0.03 U	0.11 U
Dichloroethane, 1,2-		0.05 U				0.03 U	0.11 U
Dichloroethylene, 1,1-		0.03 U				0.02 U	0.06 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.05 U				0.03 U	0.11 U
Dichloroethylene, 1,2-trans-		0.05 U				0.03 U	0.11 U
Dichloropropane, 1,2-		0.02 U				0.010 U	0.03 U
Ethyl Chloride		0.52 U				0.33 U	1.10 U
Ethylbenzene		0.05 U				0.03 U	0.03 J
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_14 14-16_08/12/10_SO	SUP_SL_14 2-4_050911	SUP_SL_14 12-14_050911	SUP_SL_14 14-16_050911	SUP_SL_15 2-4_08/11/10_SO	SUP_SL_15 8-10_08/11/10_SO
Methylene Chloride		0.005 J B				0.03 U	0.11 U
Styrene		0.05 U				0.03 U	0.11 U
Tetrachloroethane, 1,1,2,2-		0.01 U				0.008 U	0.03 U
Tetrachloroethylene		0.03				0.002 J	0.06 U
Toluene		0.05 U				0.03 U	0.11 U
Trichloroethane, 1,1,1-		0.05 U				0.03 U	0.11 U
Trichloroethane, 1,1,2-		0.02 U				0.010 U	0.03 U
Trichloroethylene		0.02 U				0.01 U	0.06
Vinyl Chloride		0.01 U				0.007 U	0.02 U
Xylene, o-		0.05 U				0.03 U	0.02 J
Xylenes							
m&p-Xylene		0.05 U				0.03 U	0.03 J
p-Isopropyltoluene		0.05 U				0.03 U	0.16

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 10-12_08/11/10_SO	SUP_SL_15 12-14_08/11/10_SO	SUP_SL_15 14-16_08/11/10_SO	SUP_SL_15 2-4_050911	SUP_SL_15 8-10_050911	SUP_SL_15 10-12_050911
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		340.00 ^	2.10 J ^	3.60 ^			
Cadmium		0.48 U	0.61 U	0.17 J			
Lead and Compounds		1300.00 ^ B	3.70 ^ B	4.70 ^ B			
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.11 U	0.06 U	0.05 U			
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 10-12_08/11/10_SO	SUP_SL_15 12-14_08/11/10_SO	SUP_SL_15 14-16_08/11/10_SO	SUP_SL_15 2-4_050911	SUP_SL_15 8-10_050911	SUP_SL_15 10-12_050911
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.11 U	0.06 U		0.05 U		
1,3-Dichlorobenzene		0.11 U	0.06 U		0.05 U		
2,2-Dichloropropane		0.11 U	0.06 U		0.05 U		
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 10-12_08/11/10_SO	SUP_SL_15 12-14_08/11/10_SO	SUP_SL_15 14-16_08/11/10_SO	SUP_SL_15 2-4_050911	SUP_SL_15 8-10_050911	SUP_SL_15 10-12_050911
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.11 U	0.06 U	0.05 U			
Bromochloromethane		0.11 U	0.06 U	0.05 U			
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.11 U	0.06 U	0.05 U			
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.11 U	0.06 U	0.05 U			
Cresol, p-chloro-m- Cumene		0.11 U	0.06 U	0.05 U			
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.55 U	0.30 U	0.26 U			
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.11 U	0.06 U	0.05 U			
Dichlorodifluoromethane		0.11 U	0.06 U	0.05 U			
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.11 U	0.06 U	0.05 U			
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 10-12_08/11/10_SO	SUP_SL_15 12-14_08/11/10_SO	SUP_SL_15 14-16_08/11/10_SO	SUP_SL_15 2-4_050911	SUP_SL_15 8-10_050911	SUP_SL_15 10-12_050911
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.11 U	0.06 U	0.05 U			
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol					0.40 U	0.61 U	0.50 U
Phenanthrene							
Phenol							
Propyl benzene		0.11 U	0.06 U	0.05 U			
Tetrachloroethane, 1,1,1,2-		0.11 U	0.06 U	0.05 U			
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.11 U	0.06 U	0.05 U			
Trichlorobenzene, 1,2,4-		0.11 U	0.06 U	0.05 U			
Trichlorofluoromethane		0.11 U	0.06 U	0.05 U			
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.11 U	0.06 U	0.05 U			

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 10-12_08/11/10_SO	SUP_SL_15 12-14_08/11/10_SO	SUP_SL_15 14-16_08/11/10_SO	SUP_SL_15 2-4_050911	SUP_SL_15 8-10_050911	SUP_SL_15 10-12_050911
Trimethylbenzene, 1,2,4-		0.11 U	0.06 U	0.05 U			
Trimethylbenzene, 1,3,5-		0.11 U	0.06 U	0.05 U			
cis-1,3-Dichloropropene		0.04 U	0.02 U	0.02 U			
sec-Butylbenzene		0.11 U	0.06 U	0.05 U			
tert-Amylmethyl ether							
tert-Butylbenzene		0.11 U	0.06 U	0.05 U			
trans-1,3-Dichloropropene		0.04 U	0.02 U	0.02 U			
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.01 J	0.02 U	0.02 U			
Bromodichloromethane		0.11 U	0.06 U	0.05 U			
Bromoform		0.11 U	0.06 U	0.05 U			
Bromomethane		0.38 U	0.21 U	0.18 U			
Carbon Disulfide							
Carbon Tetrachloride		0.06 U	0.03 U	0.03 U			
Chlorobenzene		0.11 U	0.06 U	0.05 U			
Chloroform		0.11 U	0.06 U	0.05 U			
Chloromethane		1.10 U	0.60 U	0.51 U			
Dibromochloromethane		0.11 U	0.06 U	0.05 U			
Dichlorobenzene, 1,4-		0.11 U	0.06 U	0.05 U			
Dichloroethane, 1,1-		0.11 U	0.06 U	0.05 U			
Dichloroethane, 1,2-		0.11 U	0.06 U	0.05 U			
Dichloroethylene, 1,1-		0.06 *U	0.03 *U	0.03 *U			
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.11 U	0.06 U	0.05 U			
Dichloroethylene, 1,2-trans-		0.11 U	0.06 U	0.05 U			
Dichloropropane, 1,2-		0.03 U	0.02 U	0.02 U			
Ethyl Chloride		1.10 U	0.60 U	0.51 U			
Ethylbenzene		0.11 U	0.06 U	0.05 U			
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 10-12_08/11/10_SO	SUP_SL_15 12-14_08/11/10_SO	SUP_SL_15 14-16_08/11/10_SO	SUP_SL_15 2-4_050911	SUP_SL_15 8-10_050911	SUP_SL_15 10-12_050911
Methylene Chloride		0.11 U	0.06 U	0.05 U			
Styrene		0.11 U	0.06 U	0.05 U			
Tetrachloroethane, 1,1,2,2-		0.03 U	0.02 U	0.01 U			
Tetrachloroethylene		0.06 U	0.03 U	0.03 U			
Toluene		0.02 J	0.06 U	0.05 U			
Trichloroethane, 1,1,1-		0.11 U	0.06 U	0.05 U			
Trichloroethane, 1,1,2-		0.03 U	0.02 U	0.02 U			
Trichloroethylene		0.04 U	0.02 U	0.02 U			
Vinyl Chloride		0.02 U	0.01 U	0.01 U			
Xylene, o-		0.11 U	0.06 U	0.05 U			
Xylenes							
m&p-Xylene		0.11 U	0.06 U	0.05 U			
p-Isopropyltoluene		0.11 U	0.06 U	0.05 U			

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 12-14_050911	SUP_SL_15 14-16_050911	SUP_SL_16 4-5_051011	SUP_SL_16 5-6_051011	SUP_SL_16 6-8_051011	SUP_SL_16 8-10_051011
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic				565.00	383.00	38.60	37.50
Cadmium				1.10 J	0.69 J	6.80 U	5.70 U
Lead and Compounds				2160.00	662.00	206.00	666.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene				0.004 U	0.004 U	0.004 U	0.004 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 12-14_050911	SUP_SL_15 14-16_050911	SUP_SL_16 4-5_051011	SUP_SL_16 5-6_051011	SUP_SL_16 6-8_051011	SUP_SL_16 8-10_051011
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene				0.004 U	0.004 U	0.004 U	0.004 U
1,3-Dichlorobenzene				0.004 U	0.004 U	0.004 U	0.004 U
2,2-Dichloropropane				0.004 U	0.004 U	0.004 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 12-14_050911	SUP_SL_15 14-16_050911	SUP_SL_16 4-5_051011	SUP_SL_16 5-6_051011	SUP_SL_16 6-8_051011	SUP_SL_16 8-10_051011
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene				0.004 U	0.004 U	0.004 U	0.004 U
Bromochloromethane				0.004 U	0.004 U	0.004 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole				0.004 U	0.004 U	0.004 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-				0.004 U	0.004 U	0.004 U	0.004 U
Cresol, p-chloro-m- Cumene				0.004 U	0.004 U	0.004 U	0.004 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)				0.007 U	0.007 U	0.007 U	0.007 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-				0.004 U	0.004 U	0.004 U	0.004 U
Dichlorodifluoromethane				0.004 U	0.004 U	0.004 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-				0.004 U	0.004 U	0.004 U	0.004 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 12-14_050911	SUP_SL_15 14-16_050911	SUP_SL_16 4-5_051011	SUP_SL_16 5-6_051011	SUP_SL_16 6-8_051011	SUP_SL_16 8-10_051011
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene				0.004 U	0.004 U	0.004 U	0.004 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone				0.01 U	0.01 U	0.01 U	0.01 U
Methyl tert-Butyl Ether (MTBE)				0.004 U	0.004 U	0.004 U	0.004 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.43 U	0.41 U	0.46 UJ	0.50 UJ	0.49 UJ	0.51 UJ
Phenanthrene							
Phenol							
Propyl benzene				0.004 U	0.004 U	0.004 U	0.004 U
Tetrachloroethane, 1,1,1,2-				0.004 U	0.004 U	0.004 U	0.004 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-				0.004 U	0.004 U	0.004 U	0.004 U
Trichlorobenzene, 1,2,3-				0.004 U	0.004 U	0.004 U	0.004 U
Trichlorobenzene, 1,2,4-				0.004 U	0.004 U	0.004 U	0.004 U
Trichlorofluoromethane				0.004 U	0.004 U	0.004 U	0.004 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-				0.004 U	0.004 U	0.004 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 12-14_050911	SUP_SL_15 14-16_050911	SUP_SL_16 4-5_051011	SUP_SL_16 5-6_051011	SUP_SL_16 6-8_051011	SUP_SL_16 8-10_051011
Trimethylbenzene, 1,2,4-				0.002 UB	0.0010 UB	0.0009 UB	0.0008 UB
Trimethylbenzene, 1,3,5-				0.0010 J	0.0005 J	0.004 U	0.004 U
cis-1,3-Dichloropropene				0.004 U	0.004 U	0.004 U	0.004 U
sec-Butylbenzene				0.004 U	0.004 U	0.004 U	0.004 U
tert-Amylmethyl ether				0.004 U	0.004 U	0.004 U	0.004 U
tert-Butylbenzene				0.004 U	0.004 U	0.004 U	0.004 U
trans-1,3-Dichloropropene				0.004 U	0.004 U	0.004 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone				0.13	0.06	0.05	0.04
Benzene				0.0005 UB	0.0005 UB	0.0005 UB	0.0004 UB
Bromodichloromethane				0.004 U	0.004 U	0.004 U	0.004 U
Bromoform				0.004 U	0.004 U	0.004 U	0.004 U
Bromomethane				0.004 U	0.004 U	0.004 U	0.004 U
Carbon Disulfide				0.0005 UB	0.0006 UB	0.0005 UB	0.0010 UB
Carbon Tetrachloride				0.004 U	0.004 U	0.004 U	0.004 U
Chlorobenzene				0.004 U	0.004 U	0.004 U	0.004 U
Chloroform				0.004 U	0.004 U	0.004 U	0.004 U
Chloromethane				0.004 U	0.004 U	0.004 U	0.004 U
Dibromochloromethane				0.004 U	0.004 U	0.004 U	0.004 U
Dichlorobenzene, 1,4-				0.004 U	0.004 U	0.004 U	0.004 U
Dichloroethane, 1,1-				0.004 U	0.004 U	0.004 U	0.004 U
Dichloroethane, 1,2-				0.004 U	0.004 U	0.004 U	0.004 U
Dichloroethylene, 1,1-				0.004 U	0.004 U	0.004 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)				0.001 J	0.002 J	0.001 J	0.001 J
Dichloroethylene, 1,2-cis-				0.001 J	0.002 J	0.001 J	0.001 J
Dichloroethylene, 1,2-trans-				0.004 U	0.004 U	0.004 U	0.004 U
Dichloropropane, 1,2-				0.004 U	0.004 U	0.004 U	0.004 U
Ethyl Chloride				0.004 U	0.004 U	0.004 U	0.004 U
Ethylbenzene				0.0006 UB	0.0006 UB	0.0005 UB	0.004 U
Hexanone, 2-				0.01 U	0.01 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)				0.01	0.01 J	0.01 J	0.007 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_15 12-14_050911	SUP_SL_15 14-16_050911	SUP_SL_16 4-5_051011	SUP_SL_16 5-6_051011	SUP_SL_16 6-8_051011	SUP_SL_16 8-10_051011
Methylene Chloride				0.01 U	0.01 U	0.01 U	0.01 U
Styrene				0.004 U	0.004 U	0.004 U	0.004 U
Tetrachloroethane, 1,1,2,2-				0.004 U	0.004 U	0.004 U	0.004 U
Tetrachloroethylene				0.004 U	0.004 U	0.004 U	0.004 U
Toluene				0.004 U	0.004 U	0.004 U	0.004 U
Trichloroethane, 1,1,1-				0.004 U	0.004 U	0.004 U	0.004 U
Trichloroethane, 1,1,2-				0.004 U	0.004 U	0.004 U	0.004 U
Trichloroethylene				0.004 U	0.004 U	0.004 U	0.004 U
Vinyl Chloride				0.004 U	0.004 U	0.004 U	0.004 U
Xylene, o-				0.004 U	0.0005 UB	0.0005 UB	0.004 U
Xylenes				0.002 UB	0.002 UB	0.002 UB	0.002 UB
m&p-Xylene				0.002 UB	0.002 UB	0.002 UB	0.002 UB
p-Isopropyltoluene				0.004 U	0.004 U	0.004 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_16 10-12_051011	SUP_SL_16 12-14_051011	SUP_SL_16 14-16_051011	SUP_SL_17 10-12_080211	SUP_SL_17 12-14_080211	SUP_SL_17 14-16_080211
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		124.00	34.40 J	48.20	549.00	27.30	71.00
Cadmium		6.10 U	1.20 U	4.70 U	8.20 UJ	6.30 UJ	5.20 UJ
Lead and Compounds		45.10	1.70 J	272.00	2960.00 B	41.70 B	9.40 B
Mercury (elemental)					0.10 J	0.07 J	0.01 J
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.004 U	0.004 U	0.003 U	0.002 UB	0.001 UB	0.004 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_16 10-12_051011	SUP_SL_16 12-14_051011	SUP_SL_16 14-16_051011	SUP_SL_17 10-12_080211	SUP_SL_17 12-14_080211	SUP_SL_17 14-16_080211
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
1,3-Dichlorobenzene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
2,2-Dichloropropane		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_16 10-12_051011	SUP_SL_16 12-14_051011	SUP_SL_16 14-16_051011	SUP_SL_17 10-12_080211	SUP_SL_17 12-14_080211	SUP_SL_17 14-16_080211
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Bromochloromethane		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Di-n-octyl Phthalate		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.007 U	0.006 U	0.005 U	0.009 U	0.008 U	0.006 U
Dibutyl Phthalate		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_16 10-12_051011	SUP_SL_16 12-14_051011	SUP_SL_16 14-16_051011	SUP_SL_17 10-12_080211	SUP_SL_17 12-14_080211	SUP_SL_17 14-16_080211
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.01 U 0.004 U	0.01 U 0.003 U	0.02 U 0.005 U	0.02 U 0.005 U	0.01 U 0.004 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.46 UJ	0.40 UJ	0.38 UJ	0.58 U	0.51 U	0.44 U
Phenanthrene Phenol Propyl benzene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.004 U 0.004 U 0.0004 J 0.0005 UB 0.004 U 0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_16 10-12_051011	SUP_SL_16 12-14_051011	SUP_SL_16 14-16_051011	SUP_SL_17 10-12_080211	SUP_SL_17 12-14_080211	SUP_SL_17 14-16_080211
Trimethylbenzene, 1,2,4-		0.0008 UB	0.0007 UB	0.0008 UB	0.005 U	0.005 U	0.004 U
Trimethylbenzene, 1,3,5-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
cis-1,3-Dichloropropene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
sec-Butylbenzene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
tert-Amylmethyl ether		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
tert-Butylbenzene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
trans-1,3-Dichloropropene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.03	0.003 J	0.03	0.08 JB	0.05 UJB	0.03 UB
Benzene		0.0003 UB	0.0003 UB	0.0003 UB	0.0004 J	0.0006 J	0.0003 UB
Bromodichloromethane		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Bromoform		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Bromomethane		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Carbon Disulfide		0.002 UB	0.0004 UB	0.0009 UB	0.01 B	0.006 B	0.001 UB
Carbon Tetrachloride		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Chlorobenzene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Chloroform		0.004 U	0.004 U	0.001 J	0.005 U	0.005 U	0.004 U
Chloromethane		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dibromochloromethane		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichlorobenzene, 1,4-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloroethane, 1,1-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloroethane, 1,2-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloroethylene, 1,1-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.008 U	0.007 U	0.0008 J	0.0007 J	0.009 U	0.007 U
Dichloroethylene, 1,2-cis-		0.0005 J	0.0003 J	0.0008 J	0.0007 J	0.0005 J	0.004 U
Dichloroethylene, 1,2-trans-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloropropane, 1,2-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Ethyl Chloride		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Ethylbenzene		0.004 U	0.0005 UB	0.0004 UB	0.005 U	0.005 U	0.004 U
Hexanone, 2-		0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.007 J	0.003 J	0.004 J	0.01 J	0.02 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_16 10-12_051011	SUP_SL_16 12-14_051011	SUP_SL_16 14-16_051011	SUP_SL_17 10-12_080211	SUP_SL_17 12-14_080211	SUP_SL_17 14-16_080211
Methylene Chloride		0.01 U	0.004 J	0.01 U	0.02 U	0.02 U	0.01 U
Styrene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Tetrachloroethylene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.0008 UB
Toluene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Trichloroethane, 1,1,1-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Trichloroethane, 1,1,2-		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Trichloroethylene		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Vinyl Chloride		0.004 U	0.004 U	0.003 U	0.005 U	0.005 U	0.004 U
Xylene, o-		0.0004 UB	0.004 U	0.0004 UB	0.005 U	0.005 U	0.004 U
Xylenes		0.002 UB	0.002 UB	0.002 UB	0.02 U	0.01 U	0.01 U
m&p-Xylene		0.002 UB	0.002 UB	0.002 UB	0.01 U	0.009 U	0.007 U
p-Isopropyltoluene		0.004 U	0.004 U	0.003 U	0.005 U	0.0007 UB	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_18 12-14_051111	SUP_SL_18 14-16_051111	SUP_SL_19 6-8_051111	SUP_SL_19 8-10_051111	SUP_SL_19 10-12_051111	SUP_SL_19 12-14_051111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		224.00	137.00	664.00	390.00	5.30 J	9.30 J
Cadmium		6.00	3.50 J	18.20	10.40	4.20 U	4.70 U
Lead and Compounds		2.70	68.70	130.00	11.10	1.40	1.30
Mercury (elemental)		0.12 U	0.02 J	0.11 J	0.04 J	0.003 J	0.11 U
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.002 J	0.004 U	0.001 UB	0.005 U	0.005 U	0.003 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_18 12-14_051111	SUP_SL_18 14-16_051111	SUP_SL_19 6-8_051111	SUP_SL_19 8-10_051111	SUP_SL_19 10-12_051111	SUP_SL_19 12-14_051111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
1,3-Dichlorobenzene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
2,2-Dichloropropane		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_18 12-14_051111	SUP_SL_18 14-16_051111	SUP_SL_19 6-8_051111	SUP_SL_19 8-10_051111	SUP_SL_19 10-12_051111	SUP_SL_19 12-14_051111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Bromochloromethane		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Cresol, p-chloro-m- Cumene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.006 U	0.01 U	0.008 U	0.008 U	0.006 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Dichlorodifluoromethane		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_18 12-14_051111	SUP_SL_18 14-16_051111	SUP_SL_19 6-8_051111	SUP_SL_19 8-10_051111	SUP_SL_19 10-12_051111	SUP_SL_19 12-14_051111
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.01 U 0.004 U	0.02 U 0.007 U	0.02 U 0.005 U	0.02 U 0.005 U	0.01 U 0.003 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.41 UJ	0.38 UJ	0.60 UJ	0.51 UJ	0.40 UJ	0.41 UJ
Phenanthrene Phenol Propyl benzene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.007 U 0.007 U 0.007 U 0.007 U 0.007 U 0.007 U 0.007 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_18 12-14_051111	SUP_SL_18 14-16_051111	SUP_SL_19 6-8_051111	SUP_SL_19 8-10_051111	SUP_SL_19 10-12_051111	SUP_SL_19 12-14_051111
Trimethylbenzene, 1,2,4-		0.0010 J	0.0008 UB	0.002 UB	0.005 U	0.0009 UB	0.0006 UB
Trimethylbenzene, 1,3,5-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
cis-1,3-Dichloropropene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
sec-Butylbenzene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
tert-Amylmethyl ether		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
tert-Butylbenzene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
trans-1,3-Dichloropropene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.01 U	0.03	0.09	0.02 U	0.04	0.005 J
Benzene		0.004 U	0.0005 UB	0.0009 UB	0.005 U	0.0005 UB	0.0004 UB
Bromodichloromethane		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Bromoform		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Bromomethane		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Carbon Disulfide		0.004 U	0.004 U	0.002 J	0.005 U	0.005 U	0.003 U
Carbon Tetrachloride		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Chlorobenzene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Chloroform		0.004 U	0.001 J	0.007 U	0.005 U	0.005 U	0.003 U
Chloromethane		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Dibromochloromethane		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Dichlorobenzene, 1,4-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Dichloroethane, 1,1-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Dichloroethane, 1,2-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Dichloroethylene, 1,1-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U	0.007 U	0.002 J	0.010 U	0.010 U	0.007 U
Dichloroethylene, 1,2-cis-		0.004 U	0.004 U	0.002 J	0.005 U	0.005 U	0.003 U
Dichloroethylene, 1,2-trans-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Dichloropropane, 1,2-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Ethyl Chloride		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Ethylbenzene		0.0008 J	0.0005 UB	0.007 U	0.005 U	0.005 U	0.003 U
Hexanone, 2-		0.01 U	0.01 U	0.02 U	0.02 U	0.02 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.003 J	0.02 J	0.02 U	0.003 J	0.003 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_18 12-14_051111	SUP_SL_18 14-16_051111	SUP_SL_19 6-8_051111	SUP_SL_19 8-10_051111	SUP_SL_19 10-12_051111	SUP_SL_19 12-14_051111
Methylene Chloride		0.009 J	0.01 UB	0.008 UB	0.02 U	0.01 UB	0.005 UB
Styrene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Tetrachloroethylene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Toluene		0.003 J	0.004 U	0.06	0.06	0.005 U	0.003 U
Trichloroethane, 1,1,1-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Trichloroethane, 1,1,2-		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Trichloroethylene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Vinyl Chloride		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U
Xylene, o-		0.001 J	0.0005 UB	0.007 U	0.005 U	0.0006 UB	0.0004 UB
Xylenes		0.003 J	0.003 UB	0.003 UB	0.01 U	0.003 UB	0.002 UB
m&p-Xylene		0.002 J	0.002 UB	0.003 UB	0.010 U	0.002 UB	0.001 UB
p-Isopropyltoluene		0.004 U	0.004 U	0.007 U	0.005 U	0.005 U	0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_19 14-16_051111	SUP_SL_2 1-2_08/11/10_SO	SUP_SL_2 2-4_08/11/10_SO	SUP_SL_2 4-6_08/11/10_SO	SUP_SL_2 6-8_08/11/10_SO	SUP_SL_2 10-12_08/11/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		45.20	46.00	380.00	280.00	920.00	110.00
Cadmium		1.10	0.08 J	1.60	0.79	0.74 J	0.15 J
Lead and Compounds		1.50	27.00	280.00	63.00	190.00	30.00
Mercury (elemental)		0.002 J					
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.003 U		0.21 H		0.22 H	0.07 HU
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_19 14-16_051111	SUP_SL_2 1-2_08/11/10_SO	SUP_SL_2 2-4_08/11/10_SO	SUP_SL_2 4-6_08/11/10_SO	SUP_SL_2 6-8_08/11/10_SO	SUP_SL_2 10-12_08/11/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.003 U		0.12 HU		0.13 HU	0.07 HU
1,3-Dichlorobenzene		0.003 U		0.12 HU		0.13 HU	0.07 HU
2,2-Dichloropropane		0.003 U		0.12 HU		0.13 HU	0.07 HU
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_19 14-16_051111	SUP_SL_2 1-2_08/11/10_SO	SUP_SL_2 2-4_08/11/10_SO	SUP_SL_2 4-6_08/11/10_SO	SUP_SL_2 6-8_08/11/10_SO	SUP_SL_2 10-12_08/11/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.003 U		0.12 HU		0.13 HU	0.07 HU
Bromochloromethane		0.003 U		0.12 HU		0.13 HU	0.07 HU
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.003 U		0.12 HU		0.13 HU	0.07 HU
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.003 U		0.12 HU		0.13 HU	0.07 HU
Cresol, p-chloro-m- Cumene		0.003 U		0.12 HU		0.13 HU	0.07 HU
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U		0.58 HU		0.65 HU	0.37 HU
Dibutyl Phthalate		0.003 U		0.12 HU		0.13 HU	0.07 HU
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.003 U		0.12 HU		0.13 HU	0.07 HU
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.003 U		0.12 HU		0.13 HU	0.07 HU
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_19 14-16_051111	SUP_SL_2 1-2_08/11/10_SO	SUP_SL_2 2-4_08/11/10_SO	SUP_SL_2 4-6_08/11/10_SO	SUP_SL_2 6-8_08/11/10_SO	SUP_SL_2 10-12_08/11/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.003 U		0.12 HU		0.13 HU	0.07 HU
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone		0.01 U					
Methyl tert-Butyl Ether (MTBE)		0.003 U					
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.40 UJ	0.04 J H	0.05 J H			
Phenanthrene							
Phenol							
Propyl benzene		0.003 U		0.12 HU		0.13 HU	0.07 HU
Tetrachloroethane, 1,1,1,2-		0.003 U		0.12 HU		0.13 HU	0.07 HU
Trichloro-1,2,2-trifluoroethane, 1,1,2-		0.003 U					
Trichlorobenzene, 1,2,3-		0.003 U		0.12 HU		0.13 HU	0.07 HU
Trichlorobenzene, 1,2,4-		0.003 U		0.12 HU		0.13 HU	0.07 HU
Trichlorofluoromethane		0.003 U		0.12 HU		0.02 J H	0.07 HU
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.003 U		0.12 HU		0.13 HU	0.07 HU

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_19 14-16_051111	SUP_SL_2 1-2_08/11/10_SO	SUP_SL_2 2-4_08/11/10_SO	SUP_SL_2 4-6_08/11/10_SO	SUP_SL_2 6-8_08/11/10_SO	SUP_SL_2 10-12_08/11/10_SO
Trimethylbenzene, 1,2,4-		0.003 U		0.12 HU		0.04 J H	0.07 HU
Trimethylbenzene, 1,3,5-		0.003 U		0.12 HU		0.01 J H	0.07 HU
cis-1,3-Dichloropropene		0.003 U		0.05 HU		0.05 HU	0.03 HU
sec-Butylbenzene		0.003 U		0.12 HU		0.13 HU	0.07 HU
tert-Amylmethyl ether		0.003 U					
tert-Butylbenzene		0.003 U		0.12 HU		0.13 HU	0.07 HU
trans-1,3-Dichloropropene		0.003 U		0.05 HU		0.05 HU	0.03 HU
Volatile Organic Compounds (mg/kg)							
Acetone		0.02					
Benzene		0.003 U		0.05 HU		0.05 J H	0.009 J H
Bromodichloromethane		0.003 U		0.12 HU		0.13 HU	0.07 HU
Bromoform		0.003 U		0.12 HU		0.13 HU	0.07 HU
Bromomethane		0.003 U		0.41 HU		0.45 HU	0.26 HU
Carbon Disulfide		0.003 U					
Carbon Tetrachloride		0.003 U		0.06 HU		0.07 HU	0.04 HU
Chlorobenzene		0.003 U		0.12 HU		0.13 HU	0.07 HU
Chloroform		0.003 U		0.12 HU		0.13 HU	0.07 HU
Chloromethane		0.003 U		1.20 HU		1.30 HU	0.74 HU
Dibromochloromethane		0.003 U		0.12 HU		0.13 HU	0.07 HU
Dichlorobenzene, 1,4-		0.003 U		0.12 HU		0.13 HU	0.02 J H
Dichloroethane, 1,1-		0.003 U		0.12 HU		0.13 HU	0.07 HU
Dichloroethane, 1,2-		0.003 U		0.12 HU		0.13 HU	0.07 HU
Dichloroethylene, 1,1-		0.003 U		0.06 HU		0.07 HU	0.04 HU
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U					
Dichloroethylene, 1,2-cis-		0.003 U		0.46 H		29.00 H	0.07 HU
Dichloroethylene, 1,2-trans-		0.003 U		0.12 HU		0.53 H	0.07 HU
Dichloropropane, 1,2-		0.003 U		0.04 HU		0.04 HU	0.02 HU
Ethyl Chloride		0.003 U		1.20 HU		1.30 HU	0.74 HU
Ethylbenzene		0.003 U		0.03 J H		0.02 J H	0.07 HU
Hexanone, 2-		0.01 U					
Methyl Ethyl Ketone (2-Butanone)		0.01 U					

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_19 14-16_051111	SUP_SL_2 1-2_08/11/10_SO	SUP_SL_2 2-4_08/11/10_SO	SUP_SL_2 4-6_08/11/10_SO	SUP_SL_2 6-8_08/11/10_SO	SUP_SL_2 10-12_08/11/10_SO
Methylene Chloride		0.01 U		0.12 HU		0.03 J H	0.07 HU
Styrene		0.003 U		0.12 HU		0.03 J H	0.07 HU
Tetrachloroethane, 1,1,2,2-		0.003 U		0.03 HU		0.03 HU	0.02 HU
Tetrachloroethylene		0.003 U		0.01 J H		0.74 H	0.03 J H
Toluene		0.003 U		0.57 H		3.00 H	0.01 J H
Trichloroethane, 1,1,1-		0.003 U		0.12 HU		0.13 HU	0.07 HU
Trichloroethane, 1,1,2-		0.003 U		0.04 HU		0.04 HU	0.02 HU
Trichloroethylene		0.003 U		0.05 HU		0.28 H	0.03 HU
Vinyl Chloride		0.003 U		0.02 J H		0.03 HU	0.02 HU
Xylene, o-		0.003 U		0.12 HU		0.01 J H	0.07 HU
Xylenes		0.01 U					
m&p-Xylene		0.007 U		0.03 J H		0.13 HU	0.07 HU
p-Isopropyltoluene		0.003 U		0.54 H		51.00 H	0.03 J H

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 12-14_08/11/10_SO	SUP_SL_2 14-16_08/11/10_SO	SUP_SL_2 4-6_050911	SUP_SL_2 6-8_050911	SUP_SL_2 10-12_050911	SUP_SL_2 12-14_050911
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		2.80	1.50 J				
Cadmium		0.45 U	0.45 U				
Lead and Compounds		2.30	1.80				
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.06 HU	0.05 HU				
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 12-14_08/11/10_SO	SUP_SL_2 14-16_08/11/10_SO	SUP_SL_2 4-6_050911	SUP_SL_2 6-8_050911	SUP_SL_2 10-12_050911	SUP_SL_2 12-14_050911
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.06 HU	0.05 HU				
1,3-Dichlorobenzene		0.06 HU	0.05 HU				
2,2-Dichloropropane		0.06 HU	0.05 HU				
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 12-14_08/11/10_SO	SUP_SL_2 14-16_08/11/10_SO	SUP_SL_2 4-6_050911	SUP_SL_2 6-8_050911	SUP_SL_2 10-12_050911	SUP_SL_2 12-14_050911
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.06 HU	0.05 HU				
Bromochloromethane		0.06 HU	0.05 HU				
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.06 HU	0.05 HU				
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.06 HU	0.05 HU				
Cresol, p-chloro-m- Cumene		0.06 HU	0.05 HU				
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.28 HU	0.26 HU				
Dibutyl Phthalate		0.06 HU	0.05 HU				
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.06 HU	0.05 HU				
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.06 HU	0.05 HU				
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 12-14_08/11/10_SO	SUP_SL_2 14-16_08/11/10_SO	SUP_SL_2 4-6_050911	SUP_SL_2 6-8_050911	SUP_SL_2 10-12_050911	SUP_SL_2 12-14_050911
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.06 HU	0.05 HU				
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol				0.52 UJ	0.58 UJ	0.50 UJ	0.51 UJ
Phenanthrene							
Phenol							
Propyl benzene		0.06 HU	0.05 HU				
Tetrachloroethane, 1,1,1,2-		0.06 HU	0.05 HU				
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.06 HU	0.05 HU				
Trichlorobenzene, 1,2,4-		0.06 HU	0.05 HU				
Trichlorofluoromethane		0.06 HU	0.05 HU				
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.06 HU	0.05 HU				

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 12-14_08/11/10_SO	SUP_SL_2 14-16_08/11/10_SO	SUP_SL_2 4-6_050911	SUP_SL_2 6-8_050911	SUP_SL_2 10-12_050911	SUP_SL_2 12-14_050911
Trimethylbenzene, 1,2,4-		0.06 HU	0.05 HU				
Trimethylbenzene, 1,3,5-		0.06 HU	0.05 HU				
cis-1,3-Dichloropropene		0.02 HU	0.02 HU				
sec-Butylbenzene		0.06 HU	0.05 HU				
tert-Amylmethyl ether							
tert-Butylbenzene		0.06 HU	0.05 HU				
trans-1,3-Dichloropropene		0.02 HU	0.02 HU				
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 J H	0.02 HU				
Bromodichloromethane		0.06 HU	0.05 HU				
Bromoform		0.06 HU	0.05 HU				
Bromomethane		0.20 HU	0.18 HU				
Carbon Disulfide							
Carbon Tetrachloride		0.03 HU	0.03 HU				
Chlorobenzene		0.007 J H	0.05 HU				
Chloroform		0.06 HU	0.05 HU				
Chloromethane		0.57 HU	0.51 HU				
Dibromochloromethane		0.06 HU	0.05 HU				
Dichlorobenzene, 1,4-		0.06 HU	0.05 HU				
Dichloroethane, 1,1-		0.06 HU	0.05 HU				
Dichloroethane, 1,2-		0.06 HU	0.05 HU				
Dichloroethylene, 1,1-		0.03 HU	0.03 HU				
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.06 HU	0.004 J H				
Dichloroethylene, 1,2-trans-		0.06 HU	0.05 HU				
Dichloropropane, 1,2-		0.02 HU	0.02 HU				
Ethyl Chloride		0.57 HU	0.51 HU				
Ethylbenzene		0.06 HU	0.05 HU				
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 12-14_08/11/10_SO	SUP_SL_2 14-16_08/11/10_SO	SUP_SL_2 4-6_050911	SUP_SL_2 6-8_050911	SUP_SL_2 10-12_050911	SUP_SL_2 12-14_050911
Methylene Chloride		0.06 HU	0.05 HU				
Styrene		0.06 HU	0.05 HU				
Tetrachloroethane, 1,1,2,2-		0.01 HU	0.01 HU				
Tetrachloroethylene		0.03 HU	0.03 HU				
Toluene		0.005 J H	0.05 HU				
Trichloroethane, 1,1,1-		0.06 HU	0.05 HU				
Trichloroethane, 1,1,2-		0.02 HU	0.02 HU				
Trichloroethylene		0.02 HU	0.02 HU				
Vinyl Chloride		0.01 HU	0.01 HU				
Xylene, o-		0.06 HU	0.05 HU				
Xylenes							
m&p-Xylene		0.06 HU	0.05 HU				
p-Isopropyltoluene		0.008 J H	0.01 J H				

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 14-16_050911	SUP_SL_20 0-1_08/02/10_SO	SUP_SL_20 1-2_08/02/10_SO	SUP_SL_20 6-7_081211	SUP_SL_20 7-8_081211	SUP_SL_20 8-10_081211
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		30.00		1100.00			58.90
Cadmium		0.94 U		3.00			0.27 J
Lead and Compounds		7.30		400.00			6.20
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.14 U		0.15 U			0.008 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 14-16_050911	SUP_SL_20 0-1_08/02/10_SO	SUP_SL_20 1-2_08/02/10_SO	SUP_SL_20 6-7_081211	SUP_SL_20 7-8_081211	SUP_SL_20 8-10_081211
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene			0.14 U	0.15 U			0.008 U
1,3-Dichlorobenzene			0.14 U	0.15 U			0.008 U
2,2-Dichloropropane			0.14 U	0.15 U			0.008 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 14-16_050911	SUP_SL_20 0-1_08/02/10_SO	SUP_SL_20 1-2_08/02/10_SO	SUP_SL_20 6-7_081211	SUP_SL_20 7-8_081211	SUP_SL_20 8-10_081211
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene			0.14 U	0.15 U			0.008 U
Bromochloromethane			0.14 U	0.15 U			0.008 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n-			0.14 U	0.15 U			0.008 U
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-			0.14 U	0.15 U			0.008 U
Chlorotoluene, p-			0.14 U	0.15 U			0.008 U
Cresol, o-							
Cresol, p-chloro-m-							
Cumene			0.009 J	0.15 U			0.008 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-			0.72 U	0.73 U			0.01 U
Dibromoethane, 1,2-			0.14 U	0.15 U			0.008 U
Dibromomethane (Methylene Bromide)			0.14 U	0.15 U			0.008 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2-			0.14 U	0.15 U			0.008 U
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane			0.14 U	0.15 U			0.008 U
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-			0.14 U	0.15 U			0.008 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 14-16_050911	SUP_SL_20 0-1_08/02/10_SO	SUP_SL_20 1-2_08/02/10_SO	SUP_SL_20 6-7_081211	SUP_SL_20 7-8_081211	SUP_SL_20 8-10_081211
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene			0.14 U	0.15 U			0.008 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							0.03 U
Methyl tert-Butyl Ether (MTBE)							0.008 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.47 UJ			1.39 UJ	1.34 UJ	0.71 UJ
Phenanthrene							
Phenol							
Propyl benzene			0.14 U	0.15 U			0.008 U
Tetrachloroethane, 1,1,1,2-			0.14 U	0.15 U			0.008 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							0.008 U
Trichlorobenzene, 1,2,3-			0.14 U	0.15 U			0.008 U
Trichlorobenzene, 1,2,4-			0.14 U	0.15 U			0.008 U
Trichlorofluoromethane			0.14 U	0.15 U			0.008 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-			0.14 U	0.15 U			0.008 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 14-16_050911	SUP_SL_20 0-1_08/02/10_SO	SUP_SL_20 1-2_08/02/10_SO	SUP_SL_20 6-7_081211	SUP_SL_20 7-8_081211	SUP_SL_20 8-10_081211
Trimethylbenzene, 1,2,4-			0.06 J	0.009 J			0.008 U
Trimethylbenzene, 1,3,5-			0.03 J	0.15 U			0.008 U
cis-1,3-Dichloropropene			0.06 U	0.06 U			0.008 U
sec-Butylbenzene			0.14 U	0.15 U			0.008 U
tert-Amylmethyl ether							0.008 U
tert-Butylbenzene			0.14 U	0.15 U			0.008 U
trans-1,3-Dichloropropene			0.06 U	0.06 U			0.008 U
Volatile Organic Compounds (mg/kg)							
Acetone							0.05 B
Benzene			0.03 J	0.06 U			0.0007 J
Bromodichloromethane			0.14 U	0.15 U			0.008 U
Bromoform			0.14 U	0.15 U			0.008 U
Bromomethane			0.50 U	0.51 U			0.008 U
Carbon Disulfide							0.02 JB
Carbon Tetrachloride			0.07 U	0.07 U			0.008 U
Chlorobenzene			0.14 U	0.15 U			0.008 U
Chloroform			0.14 U	0.15 U			0.008 U
Chloromethane			1.40 U	1.50 U			0.008 U
Dibromochloromethane			0.14 U	0.15 U			0.008 U
Dichlorobenzene, 1,4-			0.14 U	0.15 U			0.008 U
Dichloroethane, 1,1-			0.14 U	0.15 U			0.008 U
Dichloroethane, 1,2-			0.14 U	0.15 U			0.008 U
Dichloroethylene, 1,1-			0.07 U	0.07 U			0.008 U
Dichloroethylene, 1,2- (Mixed Isomers)							0.002 J
Dichloroethylene, 1,2-cis-			0.07 J	0.15 U			0.002 J
Dichloroethylene, 1,2-trans-			0.04 J	0.15 U			0.008 U
Dichloropropane, 1,2-			0.04 U	0.04 U			0.008 U
Ethyl Chloride			1.40 U	1.50 U			0.008 U
Ethylbenzene			0.02 J	0.15 U			0.008 U
Hexanone, 2-							0.03 U
Methyl Ethyl Ketone (2-Butanone)							0.03 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_2 14-16_050911	SUP_SL_20 0-1_08/02/10_SO	SUP_SL_20 1-2_08/02/10_SO	SUP_SL_20 6-7_081211	SUP_SL_20 7-8_081211	SUP_SL_20 8-10_081211
Methylene Chloride			0.14 U	0.15 U			0.03 U
Styrene			0.14 U	0.15 U			0.008 U
Tetrachloroethane, 1,1,2,2-			0.04 U	0.04 U			0.008 U
Tetrachloroethylene			0.07 U	0.07 U			0.008 U
Toluene			0.02 J	0.15 U			0.0010 UB
Trichloroethane, 1,1,1-			0.14 U	0.15 U			0.008 U
Trichloroethane, 1,1,2-			0.04 U	0.04 U			0.008 U
Trichloroethylene			0.06 U	0.06 U			0.008 U
Vinyl Chloride			0.03 U	0.03 U			0.008 U
Xylene, o-			0.06 J	0.15 U			0.008 U
Xylenes							0.02 U
m&p-Xylene			0.06 J	0.15 U			0.02 U
p-Isopropyltoluene			0.02 J B	0.15 U			0.008 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_20 10-12_081211	SUP_SL_20 12-14_081211	SUP_SL_21 0-1_08/02/10_SO	SUP_SL_21 1-2_08/02/10_SO	SUP_SL_21 7-8_081511	SUP_SL_21 8-10_081511
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		25.10	3.10	610.00	3100.00		77.20
Cadmium		7.10 U	1.20 U	0.71 J	0.91 J		0.45 J
Lead and Compounds		7.10	2.60	200.00	24.00		24.20
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_20 10-12_081211	SUP_SL_20 12-14_081211	SUP_SL_21 0-1_08/02/10_SO	SUP_SL_21 1-2_08/02/10_SO	SUP_SL_21 7-8_081511	SUP_SL_21 8-10_081511
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
1,3-Dichlorobenzene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
2,2-Dichloropropane		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_20 10-12_081211	SUP_SL_20 12-14_081211	SUP_SL_21 0-1_08/02/10_SO	SUP_SL_21 1-2_08/02/10_SO	SUP_SL_21 7-8_081511	SUP_SL_21 8-10_081511
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Bromochloromethane		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Cresol, p-chloro-m- Cumene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.008 U	0.005 U	0.66 U	1.80 U		0.01 U
Dibutyl Phthalate		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_20 10-12_081211	SUP_SL_20 12-14_081211	SUP_SL_21 0-1_08/02/10_SO	SUP_SL_21 1-2_08/02/10_SO	SUP_SL_21 7-8_081511	SUP_SL_21 8-10_081511
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.02 U 0.005 U	0.01 U 0.003 U				0.03 U 0.008 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.54 UJ	0.43 UJ			0.68 U	0.78 U
Phenanthrene Phenol Propyl benzene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.13 U 0.13 U 0.13 U 0.13 U	0.35 U 0.35 U 0.35 U 0.35 U		0.008 U 0.008 U 0.008 U 0.008 U 0.008 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_20 10-12_081211	SUP_SL_20 12-14_081211	SUP_SL_21 0-1_08/02/10_SO	SUP_SL_21 1-2_08/02/10_SO	SUP_SL_21 7-8_081511	SUP_SL_21 8-10_081511
Trimethylbenzene, 1,2,4-		0.005 U	0.003 U	0.13 U	0.03 J		0.008 U
Trimethylbenzene, 1,3,5-		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
cis-1,3-Dichloropropene		0.005 U	0.003 U	0.05 U	0.14 U		0.008 U
sec-Butylbenzene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
tert-Amylmethyl ether		0.005 U	0.003 U				0.008 U
tert-Butylbenzene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
trans-1,3-Dichloropropene		0.005 U	0.003 U	0.05 U	0.14 U		0.008 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.05 JB	0.01 UB				0.04 B
Benzene		0.005 U	0.0003 J	0.05 U	0.14 U		0.0006 J
Bromodichloromethane		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Bromoform		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Bromomethane		0.005 U	0.003 U	0.46 U	1.20 U		0.008 U
Carbon Disulfide		0.009 JB	0.003 JB				0.010
Carbon Tetrachloride		0.005 U	0.003 U	0.07 U	0.18 U		0.008 U
Chlorobenzene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Chloroform		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Chloromethane		0.005 U	0.003 U	1.30 U	3.50 U		0.008 U
Dibromochloromethane		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Dichlorobenzene, 1,4-		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Dichloroethane, 1,1-		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Dichloroethane, 1,2-		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Dichloroethylene, 1,1-		0.005 U	0.003 U	0.07 U	0.18 U		0.008 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.001 J	0.0005 J				0.02 U
Dichloroethylene, 1,2-cis-		0.001 J	0.0005 J	0.13 U	0.35 U		0.008 U
Dichloroethylene, 1,2-trans-		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Dichloropropane, 1,2-		0.005 U	0.003 U	0.04 U	0.11 U		0.008 U
Ethyl Chloride		0.005 U	0.003 U	1.30 U	3.50 U		0.008 U
Ethylbenzene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Hexanone, 2-		0.02 U	0.01 U				0.03 U
Methyl Ethyl Ketone (2-Butanone)		0.02 U	0.01 U				0.03 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_20 10-12_081211	SUP_SL_20 12-14_081211	SUP_SL_21 0-1_08/02/10_SO	SUP_SL_21 1-2_08/02/10_SO	SUP_SL_21 7-8_081511	SUP_SL_21 8-10_081511
Methylene Chloride		0.02 U	0.01 U	0.13 U	0.35 U		0.03 U
Styrene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Tetrachloroethane, 1,1,2,2-		0.005 U	0.003 U	0.03 U	0.09 U		0.008 U
Tetrachloroethylene		0.005 U	0.003 U	0.07 U	0.18 U		0.008 U
Toluene		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Trichloroethane, 1,1,1-		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Trichloroethane, 1,1,2-		0.005 U	0.003 U	0.04 U	0.11 U		0.008 U
Trichloroethylene		0.005 U	0.003 U	0.05 U	0.14 U		0.008 U
Vinyl Chloride		0.005 U	0.003 U	0.03 U	0.07 U		0.008 U
Xylene, o-		0.005 U	0.003 U	0.13 U	0.35 U		0.008 U
Xylenes		0.01 U	0.010 U				0.03 U
m&p-Xylene		0.010 U	0.006 U	0.13 U	0.35 U		0.02 U
p-Isopropyltoluene		0.005 U	0.0005 J	0.13 U	0.35 U		0.008 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_21 10-12_081511	SUP_SL_21 12-14_081511	SUP_SL_22 0-1_08/02/10_SO	SUP_SL_22 1-2_08/02/10_SO	SUP_SL_22 7-8_081211	SUP_SL_22 8-10_081211
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		11.60 J	4.00	830.00	240.00		43.60
Cadmium		6.70 U	1.20 U	1.30	0.96 U		0.25 J
Lead and Compounds		6.30	3.70	820.00	21.00		23.70
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_21 10-12_081511	SUP_SL_21 12-14_081511	SUP_SL_22 0-1_08/02/10_SO	SUP_SL_22 1-2_08/02/10_SO	SUP_SL_22 7-8_081211	SUP_SL_22 8-10_081211
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
1,3-Dichlorobenzene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
2,2-Dichloropropane		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_21 10-12_081511	SUP_SL_21 12-14_081511	SUP_SL_22 0-1_08/02/10_SO	SUP_SL_22 1-2_08/02/10_SO	SUP_SL_22 7-8_081211	SUP_SL_22 8-10_081211
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Bromochloromethane		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.004 U	0.14 U	0.15 U		0.001 UB
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Di-n-octyl Phthalate		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.007 U	0.006 U	0.69 U	0.73 U		0.01 U
Dibutyl Phthalate		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_21 10-12_081511	SUP_SL_21 12-14_081511	SUP_SL_22 0-1_08/02/10_SO	SUP_SL_22 1-2_08/02/10_SO	SUP_SL_22 7-8_081211	SUP_SL_22 8-10_081211
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone		0.01 U	0.01 U				0.02 U
Methyl tert-Butyl Ether (MTBE)		0.004 U	0.004 U				0.006 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.49 U	0.45 U			0.76 UJ	0.62 UJ
Phenanthrene							
Phenol							
Propyl benzene		0.004 U	0.004 U	0.14 U	0.15 U		0.002 UB
Tetrachloroethane, 1,1,1,2-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-		0.004 U	0.004 U				0.006 U
Trichlorobenzene, 1,2,3-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Trichlorobenzene, 1,2,4-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Trichlorofluoromethane		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_21 10-12_081511	SUP_SL_21 12-14_081511	SUP_SL_22 0-1_08/02/10_SO	SUP_SL_22 1-2_08/02/10_SO	SUP_SL_22 7-8_081211	SUP_SL_22 8-10_081211
Trimethylbenzene, 1,2,4-		0.004 U	0.004 U	0.03 J	0.04 J		0.006 U
Trimethylbenzene, 1,3,5-		0.004 U	0.004 U	0.14 U	0.02 J		0.006 U
cis-1,3-Dichloropropene		0.004 U	0.004 U	0.06 U	0.06 U		0.006 U
sec-Butylbenzene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
tert-Amylmethyl ether		0.004 U	0.004 U				0.006 U
tert-Butylbenzene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
trans-1,3-Dichloropropene		0.004 U	0.004 U	0.06 U	0.06 U		0.006 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.02 UB	0.01 UB				0.03 B
Benzene		0.0003 J	0.0003 J	0.06 U	0.06 U		0.001 J
Bromodichloromethane		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Bromoform		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Bromomethane		0.004 U	0.004 U	0.48 U	0.51 U		0.006 U
Carbon Disulfide		0.004	0.002 J				0.008 JB
Carbon Tetrachloride		0.004 U	0.004 U	0.07 U	0.07 U		0.006 U
Chlorobenzene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Chloroform		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Chloromethane		0.004 U	0.004 U	1.40 U	1.50 U		0.006 U
Dibromochloromethane		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dichlorobenzene, 1,4-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dichloroethane, 1,1-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dichloroethane, 1,2-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dichloroethylene, 1,1-		0.004 U	0.004 U	0.07 U	0.07 U		0.006 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.008 U	0.008 U				0.01 U
Dichloroethylene, 1,2-cis-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dichloroethylene, 1,2-trans-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Dichloropropane, 1,2-		0.004 U	0.004 U	0.04 U	0.04 U		0.006 U
Ethyl Chloride		0.004 U	0.004 U	1.40 U	1.50 U		0.006 U
Ethylbenzene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Hexanone, 2-		0.01 U	0.01 U				0.02 U
Methyl Ethyl Ketone (2-Butanone)		0.006 J	0.01 U				0.02 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_21 10-12_081511	SUP_SL_21 12-14_081511	SUP_SL_22 0-1_08/02/10_SO	SUP_SL_22 1-2_08/02/10_SO	SUP_SL_22 7-8_081211	SUP_SL_22 8-10_081211
Methylene Chloride		0.01 U	0.01 U	0.14 U	0.15 U		0.02 U
Styrene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.004 U	0.03 U	0.04 U		0.006 U
Tetrachloroethylene		0.004 U	0.004 U	0.07 U	0.07 U		0.006 U
Toluene		0.004 U	0.0005 UB	0.14 U	0.009 J		0.0010 UB
Trichloroethane, 1,1,1-		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U
Trichloroethane, 1,1,2-		0.004 U	0.004 U	0.04 U	0.04 U		0.006 U
Trichloroethylene		0.004 U	0.004 U	0.06 U	0.06 U		0.006 U
Vinyl Chloride		0.004 U	0.004 U	0.03 U	0.03 U		0.006 U
Xylene, o-		0.004 U	0.004 U	0.14 U	0.06 J		0.002 J
Xylenes		0.01 U	0.01 U				0.003 J
m&p-Xylene		0.008 U	0.008 U	0.03 J	0.05 J		0.01 U
p-Isopropyltoluene		0.004 U	0.004 U	0.14 U	0.15 U		0.006 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_22 10-12_081211	SUP_SL_22 12-14_081211	SUP_SL_23 0-1_08/02/10_SO	SUP_SL_23 1-2_08/02/10_SO	SUP_SL_23 6-7_081211	SUP_SL_23 7-8_081211
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		26.40	2.50	1900.00	1900.00		
Cadmium		5.90 U	1.10 U	1.30 J	0.65 J		
Lead and Compounds		11.40	2.60	110.00	54.00		
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.005 U	0.004 U	0.12 J	0.18 U		
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_22 10-12_081211	SUP_SL_22 12-14_081211	SUP_SL_23 0-1_08/02/10_SO	SUP_SL_23 1-2_08/02/10_SO	SUP_SL_23 6-7_081211	SUP_SL_23 7-8_081211
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.005 U	0.004 U	0.32 U	0.18 U		
1,3-Dichlorobenzene		0.005 U	0.004 U	0.32 U	0.18 U		
2,2-Dichloropropane		0.005 U	0.004 U	0.32 U	0.18 U		
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_22 10-12_081211	SUP_SL_22 12-14_081211	SUP_SL_23 0-1_08/02/10_SO	SUP_SL_23 1-2_08/02/10_SO	SUP_SL_23 6-7_081211	SUP_SL_23 7-8_081211
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.005 U	0.004 U	0.32 U	0.18 U		
Bromochloromethane		0.005 U	0.004 U	0.32 U	0.18 U		
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.0010 UB	0.0008 UB	0.32 U	0.18 U		
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.005 U	0.004 U	0.32 U	0.18 U		
Cresol, p-chloro-m- Cumene		0.005 U	0.004 U	0.03 J	0.18 U		
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.007 U	0.006 U	1.60 U	0.92 U		
Dibutyl Phthalate		0.005 U	0.004 U	0.32 U	0.18 U		
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.005 U	0.004 U	0.32 U	0.18 U		
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.005 U	0.004 U	0.32 U	0.18 U		
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_22 10-12_081211	SUP_SL_22 12-14_081211	SUP_SL_23 0-1_08/02/10_SO	SUP_SL_23 1-2_08/02/10_SO	SUP_SL_23 6-7_081211	SUP_SL_23 7-8_081211
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.005 U	0.004 U	0.32 U	0.18 U		
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone		0.01 U	0.01 U				
Methyl tert-Butyl Ether (MTBE)		0.005 U	0.004 U				
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.50 UJ	0.44 UJ			1.53 UJ	1.66 UJ
Phenanthrene							
Phenol							
Propyl benzene		0.005 U	0.004 U	0.32 U	0.18 U		
Tetrachloroethane, 1,1,1,2-		0.005 U	0.004 U	0.32 U	0.18 U		
Trichloro-1,2,2-trifluoroethane, 1,1,2-		0.005 U	0.004 U				
Trichlorobenzene, 1,2,3-		0.005 U	0.004 U	0.32 U	0.18 U		
Trichlorobenzene, 1,2,4-		0.005 U	0.004 U	0.32 U	0.18 U		
Trichlorofluoromethane		0.005 U	0.004 U	0.32 U	0.18 U		
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.005 U	0.004 U	0.32 U	0.18 U		

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_22 10-12_081211	SUP_SL_22 12-14_081211	SUP_SL_23 0-1_08/02/10_SO	SUP_SL_23 1-2_08/02/10_SO	SUP_SL_23 6-7_081211	SUP_SL_23 7-8_081211
Trimethylbenzene, 1,2,4-		0.005 U	0.004 U	0.10 J	0.18 U		
Trimethylbenzene, 1,3,5-		0.005 U	0.004 U	0.07 J	0.18 U		
cis-1,3-Dichloropropene		0.005 U	0.004 U	0.13 U	0.07 U		
sec-Butylbenzene		0.005 U	0.004 U	0.32 U	0.18 U		
tert-Amylmethyl ether		0.005 U	0.004 U				
tert-Butylbenzene		0.005 U	0.004 U	0.32 U	0.18 U		
trans-1,3-Dichloropropene		0.005 U	0.004 U	0.13 U	0.07 U		
Volatile Organic Compounds (mg/kg)							
Acetone		0.02 B	0.02 B				
Benzene		0.0008 J	0.0005 J	0.06 J	0.07 U		
Bromodichloromethane		0.005 U	0.004 U	0.32 U	0.18 U		
Bromoform		0.005 U	0.004 U	0.32 U	0.18 U		
Bromomethane		0.005 U	0.004 U	1.10 U	0.64 U		
Carbon Disulfide		0.006 JB	0.004 JB				
Carbon Tetrachloride		0.005 U	0.004 U	0.16 U	0.09 U		
Chlorobenzene		0.005 U	0.004 U	0.32 U	0.18 U		
Chloroform		0.005 U	0.004 U	0.32 U	0.18 U		
Chloromethane		0.005 U	0.004 U	3.20 U	1.80 U		
Dibromochloromethane		0.005 U	0.004 U	0.32 U	0.18 U		
Dichlorobenzene, 1,4-		0.005 U	0.004 U	0.32 U	0.18 U		
Dichloroethane, 1,1-		0.005 U	0.004 U	0.32 U	0.18 U		
Dichloroethane, 1,2-		0.005 U	0.004 U	0.32 U	0.18 U		
Dichloroethylene, 1,1-		0.005 U	0.004 U	0.16 U	0.09 U		
Dichloroethylene, 1,2- (Mixed Isomers)		0.009 U	0.007 U				
Dichloroethylene, 1,2-cis-		0.005 U	0.004 U	0.26 J	0.18 U		
Dichloroethylene, 1,2-trans-		0.005 U	0.004 U	0.37	0.18 U		
Dichloropropane, 1,2-		0.005 U	0.004 U	0.10 U	0.06 U		
Ethyl Chloride		0.005 U	0.004 U	3.20 U	1.80 U		
Ethylbenzene		0.005 U	0.004 U	0.11 J	0.18 U		
Hexanone, 2-		0.01 U	0.01 U				
Methyl Ethyl Ketone (2-Butanone)		0.009 J	0.01 U				

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_22 10-12_081211	SUP_SL_22 12-14_081211	SUP_SL_23 0-1_08/02/10_SO	SUP_SL_23 1-2_08/02/10_SO	SUP_SL_23 6-7_081211	SUP_SL_23 7-8_081211
Methylene Chloride		0.01 U	0.01 U	0.32 U	0.18 U		
Styrene		0.005 U	0.004 U	0.32 U	0.18 U		
Tetrachloroethane, 1,1,2,2-		0.005 U	0.004 U	0.08 U	0.05 U		
Tetrachloroethylene		0.005 U	0.004 U	0.16 U	0.09 U		
Toluene		0.0007 UB	0.0007 UB	0.07 J	0.18 U		
Trichloroethane, 1,1,1-		0.005 U	0.004 U	0.32 U	0.18 U		
Trichloroethane, 1,1,2-		0.005 U	0.004 U	0.10 U	0.06 U		
Trichloroethylene		0.005 U	0.004 U	0.13 U	0.07 U		
Vinyl Chloride		0.005 U	0.004 U	0.06 U	0.04 U		
Xylene, o-		0.005 U	0.004 U	0.06 J	0.18 U		
Xylenes		0.01 U	0.01 U				
m&p-Xylene		0.009 U	0.007 U	0.14 J	0.18 U		
p-Isopropyltoluene		0.005 U	0.004 U	0.32 U	0.18 U		

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_23 8-10_081211	SUP_SL_23 10-12_081211	SUP_SL_23 12-14_081211	SUP_SL_24 5-6_051111	SUP_SL_24 6-8_051111_DC	SUP_SL_24 8-10_051111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		491.00	107.00	14.90	69.40	160.50	379.00
Cadmium		2.90	0.63 J	1.20 U	1.40 B	3.75 B	10.00 B
Lead and Compounds		45.40	10.60	2.50	27.30	85.60	46.90
Mercury (elemental)					0.06 J	0.09 J	0.04 J
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_23 8-10_081211	SUP_SL_23 10-12_081211	SUP_SL_23 12-14_081211	SUP_SL_24 5-6_051111	SUP_SL_24 6-8_051111_DC	SUP_SL_24 8-10_051111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
1,3-Dichlorobenzene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
2,2-Dichloropropane		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_23 8-10_081211	SUP_SL_23 10-12_081211	SUP_SL_23 12-14_081211	SUP_SL_24 5-6_051111	SUP_SL_24 6-8_051111_DC	SUP_SL_24 8-10_051111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Bromochloromethane		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Cresol, p-chloro-m- Cumene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.01 U	0.009 U	0.006 U	0.006 U	0.008 U	0.010 U
Dibutyl Phthalate		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_23 8-10_081211	SUP_SL_23 10-12_081211	SUP_SL_23 12-14_081211	SUP_SL_24 5-6_051111	SUP_SL_24 6-8_051111_DC	SUP_SL_24 8-10_051111
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.03 U 0.008 U	0.02 U 0.005 U	0.01 U 0.003 U	0.01 U 0.004 U	0.02 U 0.005 U	0.02 U 0.006 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.75 UJ	0.50 UJ	0.44 UJ	0.47 UJ	0.59 UJ	0.60 UJ
Phenanthrene Phenol Propyl benzene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.008 U 0.008 U 0.008 U 0.008 U 0.008 U 0.008 U 0.008 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.006 U 0.006 U 0.006 U 0.006 U 0.006 U 0.006 U 0.006 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_23 8-10_081211	SUP_SL_23 10-12_081211	SUP_SL_23 12-14_081211	SUP_SL_24 5-6_051111	SUP_SL_24 6-8_051111_DC	SUP_SL_24 8-10_051111
Trimethylbenzene, 1,2,4-		0.002 J	0.005 U	0.003 U	0.004 U	0.0010 UB	0.001 UB
Trimethylbenzene, 1,3,5-		0.0009 J	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
cis-1,3-Dichloropropene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
sec-Butylbenzene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
tert-Amylmethyl ether		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
tert-Butylbenzene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
trans-1,3-Dichloropropene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.15 B	0.03 B	0.02 UJB	0.05	0.06	0.08
Benzene		0.002 J	0.0004 J	0.0002 J	0.004 U	0.0007 UB	0.0007 UB
Bromodichloromethane		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Bromoform		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Bromomethane		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Carbon Disulfide		0.03 JB	0.005 JB	0.002 UJB	0.004 U	0.005 U	0.002 J
Carbon Tetrachloride		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Chlorobenzene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Chloroform		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Chloromethane		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dibromochloromethane		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dichlorobenzene, 1,4-		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dichloroethane, 1,1-		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dichloroethane, 1,2-		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dichloroethylene, 1,1-		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.006 J	0.0009 J	0.007 U	0.008 U	0.010 U	0.01 U
Dichloroethylene, 1,2-cis-		0.003 J	0.0009 J	0.003 U	0.004 U	0.005 U	0.006 U
Dichloroethylene, 1,2-trans-		0.003 J	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Dichloropropane, 1,2-		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Ethyl Chloride		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Ethylbenzene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Hexanone, 2-		0.03 U	0.02 U	0.01 U	0.01 U	0.02 U	0.02 U
Methyl Ethyl Ketone (2-Butanone)		0.06	0.01 J	0.01 U	0.01 U	0.01 J	0.02 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_23 8-10_081211	SUP_SL_23 10-12_081211	SUP_SL_23 12-14_081211	SUP_SL_24 5-6_051111	SUP_SL_24 6-8_051111_DC	SUP_SL_24 8-10_051111
Methylene Chloride		0.03 U	0.02 U	0.01 U	0.01 U	0.01 UB	0.01 UB
Styrene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Tetrachloroethane, 1,1,2,2-		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Tetrachloroethylene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Toluene		0.003 UB	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Trichloroethane, 1,1,1-		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Trichloroethane, 1,1,2-		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Trichloroethylene		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Vinyl Chloride		0.008 U	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Xylene, o-		0.002 J	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U
Xylenes		0.004 J	0.02 U	0.01 U	0.01 U	0.002 UB	0.003 UB
m&p-Xylene		0.003 J	0.01 U	0.007 U	0.008 U	0.002 UB	0.002 UB
p-Isopropyltoluene		0.001 J	0.005 U	0.003 U	0.004 U	0.005 U	0.006 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_24 10-12_051111	SUP_SL_24 12-14_051111	SUP_SL_24 14-16_051111	SUP_SL_25 10-12_051111	SUP_SL_25 12-14_051111	SUP_SL_25 14-16_051111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		803.00	38.00	12.90	430.00	203.00	124.00
Cadmium		25.60 B	0.70 B	4.80 U	12.10 B	5.70 B	3.20 B
Lead and Compounds		547.00	2.80	10.00	5.30	2.20	63.60
Mercury (elemental)		0.17	0.008 J	0.006 J	0.01 J	0.12 U	0.04 J
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.001 UB	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_24 10-12_051111	SUP_SL_24 12-14_051111	SUP_SL_24 14-16_051111	SUP_SL_25 10-12_051111	SUP_SL_25 12-14_051111	SUP_SL_25 14-16_051111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
1,3-Dichlorobenzene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
2,2-Dichloropropane		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_24 10-12_051111	SUP_SL_24 12-14_051111	SUP_SL_24 14-16_051111	SUP_SL_25 10-12_051111	SUP_SL_25 12-14_051111	SUP_SL_25 14-16_051111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Bromochloromethane		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Di-n-octyl Phthalate		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.01 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Dibutyl Phthalate		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_24 10-12_051111	SUP_SL_24 12-14_051111	SUP_SL_24 14-16_051111	SUP_SL_25 10-12_051111	SUP_SL_25 12-14_051111	SUP_SL_25 14-16_051111
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.02 U 0.006 U	0.01 U 0.003 U	0.01 U 0.003 U	0.006 J 0.004 U	0.01 U 0.003 U	0.01 U 0.003 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.56 UJ	0.40 UJ	0.37 UJ	0.45 U	0.39 U	0.38 U
Phenanthrene Phenol Propyl benzene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.006 U 0.006 U 0.006 U 0.006 U 0.006 U 0.006 U 0.006 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_24 10-12_051111	SUP_SL_24 12-14_051111	SUP_SL_24 14-16_051111	SUP_SL_25 10-12_051111	SUP_SL_25 12-14_051111	SUP_SL_25 14-16_051111
Trimethylbenzene, 1,2,4-		0.002 UB	0.0006 UB	0.003 U	0.004 U	0.003 U	0.003 U
Trimethylbenzene, 1,3,5-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
cis-1,3-Dichloropropene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
sec-Butylbenzene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
tert-Amylmethyl ether		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
tert-Butylbenzene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
trans-1,3-Dichloropropene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.20	0.04	0.01 U	0.05	0.01 U	0.01
Benzene		0.0010 UB	0.0003 UB	0.003 U	0.004 U	0.003 U	0.003 U
Bromodichloromethane		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Bromoform		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Bromomethane		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Carbon Disulfide		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Carbon Tetrachloride		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Chlorobenzene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Chloroform		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Chloromethane		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dibromochloromethane		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichlorobenzene, 1,4-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloroethane, 1,1-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloroethane, 1,2-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloroethylene, 1,1-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.01 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Dichloroethylene, 1,2-cis-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloroethylene, 1,2-trans-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloropropane, 1,2-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Ethyl Chloride		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Ethylbenzene		0.0008 UB	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Hexanone, 2-		0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.05	0.005 J	0.01 U	0.01 U	0.01 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_24 10-12_051111	SUP_SL_24 12-14_051111	SUP_SL_24 14-16_051111	SUP_SL_25 10-12_051111	SUP_SL_25 12-14_051111	SUP_SL_25 14-16_051111
Methylene Chloride		0.02 UB	0.009 UB	0.01 U	0.01 U	0.01 U	0.01 U
Styrene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Tetrachloroethane, 1,1,2,2-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Tetrachloroethylene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Toluene		0.04	0.003 U	0.003 U	0.14	0.0009 J	0.002 J
Trichloroethane, 1,1,1-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Trichloroethane, 1,1,2-		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Trichloroethylene		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Vinyl Chloride		0.006 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Xylene, o-		0.0009 UB	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U
Xylenes		0.003 UB	0.002 UB	0.01 U	0.01 U	0.01 U	0.010 U
m&p-Xylene		0.003 UB	0.001 UB	0.007 U	0.007 U	0.007 U	0.007 U
p-Isopropyltoluene		0.004 J	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_26 12-14_080211	SUP_SL_26 14-16_080211	SUP_SL_27 5-6_051011	SUP_SL_27 6-8_051011	SUP_SL_27 8-10_051011	SUP_SL_27 10-12_051011
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		375.00	323.00	38.30	26.10	14.40	159.00
Cadmium		0.98 UJ	1.10 UJ	5.40 U	8.10 U	6.20 U	0.35 B
Lead and Compounds		773.00 B	188.00 B	302.00	261.00	71.80	31.10
Mercury (elemental)		0.02 J	0.03 J				
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.01 U	0.0010 UB	0.002 U	0.003 U	0.003 U	0.002 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_26 12-14_080211	SUP_SL_26 14-16_080211	SUP_SL_27 5-6_051011	SUP_SL_27 6-8_051011	SUP_SL_27 8-10_051011	SUP_SL_27 10-12_051011
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		21.10 U	19.30 U	26.70 U	36.50 U	30.60 U	25.70 U
Gasoline Range Organics (~C4~C12)		1.40 UB	0.87 UB	0.46 UB	0.57 UB	0.38 UB	0.52 UB
Motor Oil Range Organics (~C14~C50)		84.40 U	77.00 U	107.00 U	146.00 U	122.00 U	103.00 U
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
1,3-Dichlorobenzene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
2,2-Dichloropropane		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_26 12-14_080211	SUP_SL_26 14-16_080211	SUP_SL_27 5-6_051011	SUP_SL_27 6-8_051011	SUP_SL_27 8-10_051011	SUP_SL_27 10-12_051011
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Bromochloromethane		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Di-n-octyl Phthalate		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.02 U	0.006 U	0.003 U	0.005 U	0.005 U	0.003 U
Dibutyl Phthalate		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_26 12-14_080211	SUP_SL_26 14-16_080211	SUP_SL_27 5-6_051011	SUP_SL_27 6-8_051011	SUP_SL_27 8-10_051011	SUP_SL_27 10-12_051011
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.04 U 0.01 U	0.01 U 0.003 U	0.006 U 0.002 U	0.009 U 0.003 U	0.009 U 0.003 U	0.006 U 0.002 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.44 U	0.41 U	0.46 UJ	0.61 UJ	0.54 UJ	0.43 UJ
Phenanthrene Phenol Propyl benzene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.01 U 0.01 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.002 U 0.002 U 0.002 U 0.002 U	0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U	0.002 U 0.002 U 0.002 U 0.002 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_26 12-14_080211	SUP_SL_26 14-16_080211	SUP_SL_27 5-6_051011	SUP_SL_27 6-8_051011	SUP_SL_27 8-10_051011	SUP_SL_27 10-12_051011
Trimethylbenzene, 1,2,4-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Trimethylbenzene, 1,3,5-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
cis-1,3-Dichloropropene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
sec-Butylbenzene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
tert-Amylmethyl ether		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
tert-Butylbenzene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
trans-1,3-Dichloropropene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.18 B	0.01 UJB	0.02	0.06	0.04	0.007
Benzene		0.001 B	0.0005 J	0.0002 J	0.0004 J	0.003 U	0.002 U
Bromodichloromethane		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Bromoform		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Bromomethane		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Carbon Disulfide		0.01 B	0.005 B	0.002 U	0.0008 J	0.003 U	0.002 U
Carbon Tetrachloride		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Chlorobenzene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Chloroform		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Chloromethane		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dibromochloromethane		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dichlorobenzene, 1,4-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dichloroethane, 1,1-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dichloroethane, 1,2-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dichloroethylene, 1,1-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.01 J	0.001 J	0.004 U	0.006 U	0.005 U	0.004 U
Dichloroethylene, 1,2-cis-		0.01 J	0.001 J	0.002 U	0.003 U	0.003 U	0.002 U
Dichloroethylene, 1,2-trans-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Dichloropropane, 1,2-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Ethyl Chloride		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Ethylbenzene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Hexanone, 2-		0.04 U	0.01 U	0.006 U	0.009 U	0.009 U	0.006 U
Methyl Ethyl Ketone (2-Butanone)		0.04 U	0.01 U	0.005 J	0.02	0.009 J	0.006 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_26 12-14_080211	SUP_SL_26 14-16_080211	SUP_SL_27 5-6_051011	SUP_SL_27 6-8_051011	SUP_SL_27 8-10_051011	SUP_SL_27 10-12_051011
Methylene Chloride		0.04 U	0.01 U	0.002 J	0.009 U	0.009 U	0.006 U
Styrene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Tetrachloroethane, 1,1,2,2-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Tetrachloroethylene		0.002 UB	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Toluene		0.002 J	0.003 U	0.001 UB	0.0006 UB	0.0006 UB	0.0002 UB
Trichloroethane, 1,1,1-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Trichloroethane, 1,1,2-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Trichloroethylene		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Vinyl Chloride		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Xylene, o-		0.01 U	0.003 U	0.002 U	0.003 U	0.003 U	0.002 U
Xylenes		0.03 U	0.01 U	0.006 U	0.008 U	0.008 U	0.006 U
m&p-Xylene		0.02 U	0.007 U	0.004 U	0.006 U	0.005 U	0.004 U
p-Isopropyltoluene		0.01 U	0.0005 UB	0.002 U	0.003 U	0.003 U	0.002 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_27 12-14_051011	SUP_SL_27 14-16_051011	SUP_SL_28 1-2_08/12/10_SO	SUP_SL_28 2-4_08/12/10_SO	SUP_SL_28 4-6_08/12/10_SO	SUP_SL_28 6-8_08/12/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		30.70	12.30	140.00	330.00	38.00	33.00
Cadmium		4.40 U	1.00 U	0.97	8.10	7.80	11.00
Lead and Compounds		107.00	3.30	200.00	950.00	960.00	1200.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.004 U	0.003 U	0.18 U	8.70	18.00	5.60
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_27 12-14_051011	SUP_SL_27 14-16_051011	SUP_SL_28 1-2_08/12/10_SO	SUP_SL_28 2-4_08/12/10_SO	SUP_SL_28 4-6_08/12/10_SO	SUP_SL_28 6-8_08/12/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		23.00 U	22.10 U				
Gasoline Range Organics (~C4~C12)		0.63 UB	0.63 UB				
Motor Oil Range Organics (~C14~C50)		92.10 U	88.50 U				
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
1,3-Dichlorobenzene		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
2,2-Dichloropropane		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_27 12-14_051011	SUP_SL_27 14-16_051011	SUP_SL_28 1-2_08/12/10_SO	SUP_SL_28 2-4_08/12/10_SO	SUP_SL_28 4-6_08/12/10_SO	SUP_SL_28 6-8_08/12/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Bromochloromethane		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Di-n-octyl Phthalate		0.004 U	0.003 U	0.18 U	0.06 U	0.25	0.11
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.005 U	0.88 U	0.31 U	0.23 U	0.36 U
Dibutyl Phthalate		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_27 12-14_051011	SUP_SL_27 14-16_051011	SUP_SL_28 1-2_08/12/10_SO	SUP_SL_28 2-4_08/12/10_SO	SUP_SL_28 4-6_08/12/10_SO	SUP_SL_28 6-8_08/12/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone		0.01 U	0.01 U				
Methyl tert-Butyl Ether (MTBE)		0.004 U	0.003 U				
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.40 UJ	0.38 UJ				
Phenanthrene							
Phenol							
Propyl benzene		0.004 U	0.003 U	0.18 U	0.19	0.26	0.12
Tetrachloroethane, 1,1,1,2-		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-		0.004 U	0.003 U				
Trichlorobenzene, 1,2,3-		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Trichlorobenzene, 1,2,4-		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Trichlorofluoromethane		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.41
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_27 12-14_051011	SUP_SL_27 14-16_051011	SUP_SL_28 1-2_08/12/10_SO	SUP_SL_28 2-4_08/12/10_SO	SUP_SL_28 4-6_08/12/10_SO	SUP_SL_28 6-8_08/12/10_SO
Trimethylbenzene, 1,2,4-		0.004 U	0.003 U	0.18 U	2.60	3.80	1.80
Trimethylbenzene, 1,3,5-		0.004 U	0.003 U	0.18 U	0.98	1.30	0.66
cis-1,3-Dichloropropene		0.004 U	0.003 U	0.07 U	0.03 U	0.02 U	0.03 U
sec-Butylbenzene		0.004 U	0.003 U	0.18 U	0.17	0.17	0.10
tert-Amylmethyl ether		0.004 U	0.003 U				
tert-Butylbenzene		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
trans-1,3-Dichloropropene		0.004 U	0.003 U	0.07 U	0.03 U	0.02 U	0.03 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.02	0.01				
Benzene		0.004 U	0.003 U	0.07 U	0.05	0.03	0.04
Bromodichloromethane		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Bromoform		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Bromomethane		0.004 U	0.003 U	0.62 U	0.21 U	0.16 U	0.25 U
Carbon Disulfide		0.004 U	0.0003 J				
Carbon Tetrachloride		0.004 U	0.003 U	0.09 U	0.03 U	0.02 U	0.04 U
Chlorobenzene		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Chloroform		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Chloromethane		0.004 U	0.003 U	1.80 U	0.61 U	0.46 U	0.72 U
Dibromochloromethane		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Dichlorobenzene, 1,4-		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Dichloroethane, 1,1-		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Dichloroethane, 1,2-		0.004 U	0.003 U	0.18 U	0.04 J	0.05 U	0.04 J
Dichloroethylene, 1,1-		0.004 U	0.003 U	0.09 *U	0.03 U	0.02 U	0.04 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U	0.007 U				
Dichloroethylene, 1,2-cis-		0.004 U	0.0004 J	0.18 U	0.07	0.03 J	0.08
Dichloroethylene, 1,2-trans-		0.004 U	0.003 U	0.18 U	0.06 U	0.02 J	0.02 J
Dichloropropane, 1,2-		0.004 U	0.003 U	0.05 U	0.02 U	0.01 U	0.02 U
Ethyl Chloride		0.004 U	0.003 U	1.80 U	0.61 U	0.46 U	0.72 U
Ethylbenzene		0.004 U	0.003 U	0.18 U	0.26	0.21	0.11
Hexanone, 2-		0.01 U	0.01 U				
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U				

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_27 12-14_051011	SUP_SL_27 14-16_051011	SUP_SL_28 1-2_08/12/10_SO	SUP_SL_28 2-4_08/12/10_SO	SUP_SL_28 4-6_08/12/10_SO	SUP_SL_28 6-8_08/12/10_SO
Methylene Chloride		0.01 U	0.01 U	0.18 U	0.008 J	0.02 J	0.07 U
Styrene		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.003 U	0.04 U	0.02 U	0.01 U	0.02 U
Tetrachloroethylene		0.004 U	0.003 U	0.09 U	0.01 J	0.02 U	0.009 J
Toluene		0.0007 UB	0.0004 UB	0.05 J	0.35	0.15	0.11
Trichloroethane, 1,1,1-		0.004 U	0.003 U	0.18 U	0.06 U	0.05 U	0.07 U
Trichloroethane, 1,1,2-		0.004 U	0.003 U	0.05 U	0.02 U	0.01 U	0.02 U
Trichloroethylene		0.004 U	0.003 U	0.07 U	0.17	0.14	0.18
Vinyl Chloride		0.004 U	0.003 U	0.04 U	0.01 U	0.009 U	0.01 U
Xylene, o-		0.004 U	0.003 U	0.18 U	0.41	0.65	0.41
Xylenes		0.01 U	0.010 UJ				
m&p-Xylene		0.007 U	0.007 U	0.18 U	0.62	0.90	0.41
p-Isopropyltoluene		0.004 U	0.003 U	0.08 J	3.20	0.92	0.45

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_08/12/10_SO	SUP_SL_28 10-12_08/12/10_SO	SUP_SL_28 12-14_08/12/10_SO	SUP_SL_28 14-16_08/12/10_SO	SUP_SL_28 4-6_051111	SUP_SL_28 6-8_051111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		26.00	24.00	6.00	4.30		
Cadmium		0.68 J	5.20	0.67	0.46 J		
Lead and Compounds		11.00	410.00	44.00	24.00		
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.09 U	0.51	0.58	0.16		
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_08/12/10_SO	SUP_SL_28 10-12_08/12/10_SO	SUP_SL_28 12-14_08/12/10_SO	SUP_SL_28 14-16_08/12/10_SO	SUP_SL_28 4-6_051111	SUP_SL_28 6-8_051111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.09 U	0.08 U	0.07 U	0.04 U		
1,3-Dichlorobenzene		0.09 U	0.08 U	0.07 U	0.04 U		
2,2-Dichloropropane		0.09 U	0.08 U	0.07 U	0.04 U		
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_08/12/10_SO	SUP_SL_28 10-12_08/12/10_SO	SUP_SL_28 12-14_08/12/10_SO	SUP_SL_28 14-16_08/12/10_SO	SUP_SL_28 4-6_051111	SUP_SL_28 6-8_051111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.09 U	0.08 U	0.07 U	0.04 U		
Bromochloromethane		0.09 U	0.08 U	0.07 U	0.04 U		
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.09 U	0.08 U	0.07 U	0.04 U		
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.09 U	0.08 U	0.07 U	0.04 U		
Di-n-octyl Phthalate		0.09 U	0.01 J	0.01 J	0.04 U		
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.45 U	0.39 U	0.36 U	0.21 U		
Dibutyl Phthalate		0.09 U	0.08 U	0.07 U	0.04 U		
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.09 U	0.08 U	0.07 U	0.04 U		
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.09 U	0.08 U	0.07 U	0.04 U		
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_08/12/10_SO	SUP_SL_28 10-12_08/12/10_SO	SUP_SL_28 12-14_08/12/10_SO	SUP_SL_28 14-16_08/12/10_SO	SUP_SL_28 4-6_051111	SUP_SL_28 6-8_051111
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.09 U	0.08 U	0.07 U	0.04 U		
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol						17.60 U	0.62 U
Phenanthrene							
Phenol							
Propyl benzene		0.09 U	0.02 J	0.01 J	0.006 J		
Tetrachloroethane, 1,1,1,2-		0.09 U	0.08 U	0.07 U	0.04 U		
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.09 U	0.08 U	0.07 U	0.04 U		
Trichlorobenzene, 1,2,4-		0.09 U	0.08 U	0.07 U	0.04 U		
Trichlorofluoromethane		0.09 U	0.08 U	0.07 U	0.04 U		
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.09 U	0.08 U	0.07 U	0.04 U		

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_08/12/10_SO	SUP_SL_28 10-12_08/12/10_SO	SUP_SL_28 12-14_08/12/10_SO	SUP_SL_28 14-16_08/12/10_SO	SUP_SL_28 4-6_051111	SUP_SL_28 6-8_051111
Trimethylbenzene, 1,2,4-		0.01 J	0.20	0.18	0.04 J		
Trimethylbenzene, 1,3,5-		0.09 U	0.09	0.07 J	0.01 J		
cis-1,3-Dichloropropene		0.04 U	0.03 U	0.03 U	0.02 U		
sec-Butylbenzene		0.09 U	0.01 J	0.07 U	0.04 U		
tert-Amylmethyl ether							
tert-Butylbenzene		0.09 U	0.08 U	0.07 U	0.04 U		
trans-1,3-Dichloropropene		0.04 U	0.03 U	0.03 U	0.02 U		
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.04 U	0.03 U	0.03 U	0.02 U		
Bromodichloromethane		0.09 U	0.08 U	0.07 U	0.04 U		
Bromoform		0.09 U	0.08 U	0.07 U	0.04 U		
Bromomethane		0.32 U	0.27 U	0.25 U	0.15 U		
Carbon Disulfide							
Carbon Tetrachloride		0.05 U	0.04 U	0.04 U	0.02 U		
Chlorobenzene		0.02 J	0.02 J	0.07 U	0.04 U		
Chloroform		0.09 U	0.08 U	0.07 U	0.04 U		
Chloromethane		0.91 U	0.78 U	0.72 U	0.43 U		
Dibromochloromethane		0.09 U	0.08 U	0.07 U	0.04 U		
Dichlorobenzene, 1,4-		0.09 U	0.08 U	0.07 U	0.04 U		
Dichloroethane, 1,1-		0.09 U	0.08 U	0.07 U	0.04 U		
Dichloroethane, 1,2-		0.09 U	0.08 U	0.07 U	0.04 U		
Dichloroethylene, 1,1-		0.05 U	0.04 U	0.04 U	0.02 U		
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.09 U	0.01 J	0.07 U	0.04 U		
Dichloroethylene, 1,2-trans-		0.09 U	0.08 U	0.07 U	0.04 U		
Dichloropropane, 1,2-		0.03 U	0.02 U	0.02 U	0.01 U		
Ethyl Chloride		0.91 U	0.78 U	0.72 U	0.43 U		
Ethylbenzene		0.09 U	0.01 J	0.01 J	0.004 J		
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_08/12/10_SO	SUP_SL_28 10-12_08/12/10_SO	SUP_SL_28 12-14_08/12/10_SO	SUP_SL_28 14-16_08/12/10_SO	SUP_SL_28 4-6_051111	SUP_SL_28 6-8_051111
Methylene Chloride		0.01 J B	0.08 U	0.07 U	0.04 U		
Styrene		0.09 U	0.08 U	0.07 U	0.04 U		
Tetrachloroethane, 1,1,2,2-		0.02 U	0.02 U	0.02 U	0.01 U		
Tetrachloroethylene		0.05 U	0.04 U	0.04 U	0.02 U		
Toluene		0.010 J	0.02 J	0.02 J	0.005 J		
Trichloroethane, 1,1,1-		0.09 U	0.08 U	0.07 U	0.04 U		
Trichloroethane, 1,1,2-		0.03 U	0.02 U	0.02 U	0.01 U		
Trichloroethylene		0.04 U	0.03 U	0.008 J	0.02 U		
Vinyl Chloride		0.02 U	0.02 U	0.01 U	0.009 U		
Xylene, o-		0.09 U	0.04 J	0.03 J	0.009 J		
Xylenes							
m&p-Xylene		0.09 U	0.05 J	0.05 J	0.01 J		
p-Isopropyltoluene		0.09 U	0.05 J	0.05 J	0.04 U		

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_051111	SUP_SL_28 10-12_051111	SUP_SL_28 12-14_051111	SUP_SL_28 14-16_051111	SUP_SL_29 2-4_11/15/10_SO	SUP_SL_29 4-6_11/15/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic						31.00	8.20
Cadmium						0.40 U	0.11
Lead and Compounds						26.00	70.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene						0.11	1.50
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_051111	SUP_SL_28 10-12_051111	SUP_SL_28 12-14_051111	SUP_SL_28 14-16_051111	SUP_SL_29 2-4_11/15/10_SO	SUP_SL_29 4-6_11/15/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene						0.03 U	0.07 U
1,3-Dichlorobenzene						0.03 U	0.07 U
2,2-Dichloropropane						0.03 U	0.07 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_051111	SUP_SL_28 10-12_051111	SUP_SL_28 12-14_051111	SUP_SL_28 14-16_051111	SUP_SL_29_2-4_11/15/10_SO	SUP_SL_29_4-6_11/15/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene						0.03 U	0.07 U
Bromochloromethane						0.03 U	0.07 U
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-						0.03 U	0.07 U
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-						0.03 U	0.07 U
Chlorotoluene, p-						0.03 U	0.07 U
Cresol, o-							
Cresol, p-chloro-m-							
Cumene						0.03 U	0.07 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-						0.16 U	0.35 U
Dibromoethane, 1,2-						0.03 U	0.07 U
Dibromomethane (Methylene Bromide)						0.03 U	0.07 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2-						0.03 U	0.07 U
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane						0.03 U	0.07 U
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-						0.03 U	0.07 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_051111	SUP_SL_28 10-12_051111	SUP_SL_28 12-14_051111	SUP_SL_28 14-16_051111	SUP_SL_29_2-4_11/15/10_SO	SUP_SL_29_4-6_11/15/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene						0.03 U	0.07 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.66 U	0.48 U	0.45 U	0.46 U		
Phenanthrene							
Phenol							
Propyl benzene						0.03 U	0.02 J
Tetrachloroethane, 1,1,1,2-						0.03 U	0.07 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-						0.03 U	0.07 U
Trichlorobenzene, 1,2,4-						0.03 U	0.07 U
Trichlorofluoromethane						0.03 U	0.75
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-						0.03 U	0.07 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_051111	SUP_SL_28 10-12_051111	SUP_SL_28 12-14_051111	SUP_SL_28 14-16_051111	SUP_SL_29_2-4_11/15/10_SO	SUP_SL_29_4-6_11/15/10_SO
Trimethylbenzene, 1,2,4-						0.03 J	0.29
Trimethylbenzene, 1,3,5-						0.01 J	0.12
cis-1,3-Dichloropropene						0.01 U	0.03 U
sec-Butylbenzene						0.03 U	0.07 U
tert-Amylmethyl ether							
tert-Butylbenzene						0.03 U	0.07 U
trans-1,3-Dichloropropene						0.01 U	0.03 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene						0.01 U	0.02 J
Bromodichloromethane						0.03 U	0.07 U
Bromoform						0.03 U	0.07 U
Bromomethane						0.11 U	0.25 U
Carbon Disulfide							
Carbon Tetrachloride						0.02 U	0.04 U
Chlorobenzene						0.03 U	0.07 U
Chloroform						0.03 U	0.07 U
Chloromethane						0.32 U	0.70 U
Dibromochloromethane						0.03 U	0.07 U
Dichlorobenzene, 1,4-						0.01 J	0.09
Dichloroethane, 1,1-						0.03 U	0.07 U
Dichloroethane, 1,2-						0.008 J	0.16
Dichloroethylene, 1,1-						0.02 U	0.04 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-						0.03 U	0.04 J
Dichloroethylene, 1,2-trans-						0.03 U	0.07 U
Dichloropropane, 1,2-						0.010 U	0.02 U
Ethyl Chloride						0.32 U	0.70 U
Ethylbenzene						0.03 U	0.02 J
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_28 8-10_051111	SUP_SL_28 10-12_051111	SUP_SL_28 12-14_051111	SUP_SL_28 14-16_051111	SUP_SL_29 2-4_11/15/10_SO	SUP_SL_29 4-6_11/15/10_SO
Methylene Chloride						0.03 U	0.04 J
Styrene						0.03 U	0.07 U
Tetrachloroethane, 1,1,2,2-						0.008 U	0.02 U
Tetrachloroethylene						0.02 U	0.04 U
Toluene						0.03 U	0.06 J
Trichloroethane, 1,1,1-						0.03 U	0.07 U
Trichloroethane, 1,1,2-						0.010 U	0.02 U
Trichloroethylene						0.008 J	0.05
Vinyl Chloride						0.007 U	0.006 J
Xylene, o-						0.01 J	0.11
Xylenes							
m&p-Xylene						0.01 J	0.10
p-Isopropyltoluene						0.06	0.47

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29_6-8_11/15/10_SO	SUP_SL_29_8-10_11/15/10_SO	SUP_SL_29_10-12_11/15/10_SO	SUP_SL_29_12-14_11/15/10_SO	SUP_SL_29_14-16_11/15/10_SO	SUP_SL_29_2-4_051111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		3100.00	1500.00	560.00	110.00	69.00	
Cadmium		0.58 U	0.70 U	0.53 U	0.85 U	0.59 U	
Lead and Compounds		1600.00	1600.00	340.00	14.00	37.00	
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.78	0.11	0.03 J	0.07 U	0.04 U	
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29_6-8_11/15/10_SO	SUP_SL_29_8-10_11/15/10_SO	SUP_SL_29_10-12_11/15/10_SO	SUP_SL_29_12-14_11/15/10_SO	SUP_SL_29_14-16_11/15/10_SO	SUP_SL_29_2-4_051111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
1,3-Dichlorobenzene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
2,2-Dichloropropane		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29_6-8_11/15/10_SO	SUP_SL_29_8-10_11/15/10_SO	SUP_SL_29_10-12_11/15/10_SO	SUP_SL_29_12-14_11/15/10_SO	SUP_SL_29_14-16_11/15/10_SO	SUP_SL_29_2-4_051111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Bromochloromethane		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Di-n-octyl Phthalate		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.29 U	0.25 U	0.23 U	0.35 U	0.18 U	
Dibutyl Phthalate		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29_6-8_11/15/10_SO	SUP_SL_29_8-10_11/15/10_SO	SUP_SL_29_10-12_11/15/10_SO	SUP_SL_29_12-14_11/15/10_SO	SUP_SL_29_14-16_11/15/10_SO	SUP_SL_29_2-4_051111
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							10.90 U
Phenanthrene							
Phenol							
Propyl benzene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Tetrachloroethane, 1,1,1,2-		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Trichlorobenzene, 1,2,4-		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Trichlorofluoromethane		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29_6-8_11/15/10_SO	SUP_SL_29_8-10_11/15/10_SO	SUP_SL_29_10-12_11/15/10_SO	SUP_SL_29_12-14_11/15/10_SO	SUP_SL_29_14-16_11/15/10_SO	SUP_SL_29_2-4_051111
Trimethylbenzene, 1,2,4-		0.02 J	0.05 U	0.05 U	0.07 U	0.04 U	
Trimethylbenzene, 1,3,5-		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
cis-1,3-Dichloropropene		0.02 U	0.02 U	0.02 U	0.03 U	0.02 U	
sec-Butylbenzene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
tert-Amylmethyl ether							
tert-Butylbenzene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
trans-1,3-Dichloropropene		0.02 U	0.02 U	0.02 U	0.03 U	0.02 U	
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 U	0.01 J	0.02 U	0.03 U	0.02 U	
Bromodichloromethane		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Bromoform		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Bromomethane		0.20 U	0.18 U	0.16 U	0.24 U	0.13 U	
Carbon Disulfide							
Carbon Tetrachloride		0.03 U	0.03 U	0.02 U	0.04 U	0.02 U	
Chlorobenzene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Chloroform		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Chloromethane		0.57 U	0.50 U	0.45 U	0.69 U	0.37 U	
Dibromochloromethane		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Dichlorobenzene, 1,4-		0.02 J	0.05 U	0.05 U	0.07 U	0.04 U	
Dichloroethane, 1,1-		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Dichloroethane, 1,2-		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Dichloroethylene, 1,1-		0.03 U	0.03 U	0.02 U	0.04 U	0.02 U	
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.03 J	0.02 J	0.05 U	0.07 U	0.04 U	
Dichloroethylene, 1,2-trans-		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Dichloropropane, 1,2-		0.02 U	0.02 U	0.01 U	0.02 U	0.01 U	
Ethyl Chloride		0.57 U	0.50 U	0.45 U	0.69 U	0.37 U	
Ethylbenzene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29_6-8_11/15/10_SO	SUP_SL_29_8-10_11/15/10_SO	SUP_SL_29_10-12_11/15/10_SO	SUP_SL_29_12-14_11/15/10_SO	SUP_SL_29_14-16_11/15/10_SO	SUP_SL_29_2-4_051111
Methylene Chloride		0.03 J	0.03 J	0.03 J	0.04 J	0.02 J	
Styrene		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Tetrachloroethane, 1,1,2,2-		0.01 U	0.01 U	0.01 U	0.02 U	0.009 U	
Tetrachloroethylene		0.03 U	0.03 U	0.02 U	0.04 U	0.02 U	
Toluene		0.06 U	0.02 J	0.05 U	0.07 U	0.04 U	
Trichloroethane, 1,1,1-		0.06 U	0.05 U	0.05 U	0.07 U	0.04 U	
Trichloroethane, 1,1,2-		0.02 U	0.02 U	0.01 U	0.02 U	0.01 U	
Trichloroethylene		0.007 J	0.005 J	0.02 U	0.03 U	0.02 U	
Vinyl Chloride		0.005 J	0.01 U	0.009 U	0.01 U	0.007 U	
Xylene, o-		0.02 J	0.05 U	0.05 U	0.07 U	0.04 U	
Xylenes							
m&p-Xylene		0.06 U	0.01 J	0.05 U	0.07 U	0.04 U	
p-Isopropyltoluene		0.03 J	0.01 J	0.05 U	0.07 U	0.04 U	

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29 4-6_051111	SUP_SL_29 6-8_051111	SUP_SL_29 8-10_051111	SUP_SL_29 10-12_051111	SUP_SL_29 12-14_051111	SUP_SL_29 14-16_051111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic							
Cadmium							
Lead and Compounds							
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29 4-6_051111	SUP_SL_29 6-8_051111	SUP_SL_29 8-10_051111	SUP_SL_29 10-12_051111	SUP_SL_29 12-14_051111	SUP_SL_29 14-16_051111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							
1,3-Dichlorobenzene							
2,2-Dichloropropane							
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29 4-6_051111	SUP_SL_29 6-8_051111	SUP_SL_29 8-10_051111	SUP_SL_29 10-12_051111	SUP_SL_29 12-14_051111	SUP_SL_29 14-16_051111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							
Bromochloromethane							
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							
Chlorotoluene, p-							
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							
Dibromoethane, 1,2-							
Dibromomethane (Methylene Bromide)							
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29 4-6_051111	SUP_SL_29 6-8_051111	SUP_SL_29 8-10_051111	SUP_SL_29 10-12_051111	SUP_SL_29 12-14_051111	SUP_SL_29 14-16_051111
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene							
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		11.80 U	0.58 U	0.47 U	0.53 U	0.45 U	0.43 U
Phenanthrene							
Phenol							
Propyl benzene							
Tetrachloroethane, 1,1,1,2-							
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-							
Trichlorobenzene, 1,2,4-							
Trichlorofluoromethane							
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29 4-6_051111	SUP_SL_29 6-8_051111	SUP_SL_29 8-10_051111	SUP_SL_29 10-12_051111	SUP_SL_29 12-14_051111	SUP_SL_29 14-16_051111
Trimethylbenzene, 1,2,4-							
Trimethylbenzene, 1,3,5-							
cis-1,3-Dichloropropene							
sec-Butylbenzene							
tert-Amylmethyl ether							
tert-Butylbenzene							
trans-1,3-Dichloropropene							
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroform							
Chloromethane							
Dibromochloromethane							
Dichlorobenzene, 1,4-							
Dichloroethane, 1,1-							
Dichloroethane, 1,2-							
Dichloroethylene, 1,1-							
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-							
Dichloroethylene, 1,2-trans-							
Dichloropropane, 1,2-							
Ethyl Chloride							
Ethylbenzene							
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_29 4-6_051111	SUP_SL_29 6-8_051111	SUP_SL_29 8-10_051111	SUP_SL_29 10-12_051111	SUP_SL_29 12-14_051111	SUP_SL_29 14-16_051111
Methylene Chloride							
Styrene							
Tetrachloroethane, 1,1,2,2-							
Tetrachloroethylene							
Toluene							
Trichloroethane, 1,1,1-							
Trichloroethane, 1,1,2-							
Trichloroethylene							
Vinyl Chloride							
Xylene, o-							
Xylenes							
m&p-Xylene							
p-Isopropyltoluene							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 1-2_08/11/10_SO	SUP_SL_3 2-4_08/11/10_SO	SUP_SL_3 10-12_08/11/10_SO	SUP_SL_3 12-14_08/11/10_SO	SUP_SL_3 14-16_08/11/10_SO	SUP_SL_3 2-4_050911
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		120.00 ^	8.90 ^	640.00 ^	440.00 ^	190.00 ^	
Cadmium		0.40 J	0.32 J	0.42 J	0.33 J	0.17 J	
Lead and Compounds		120.00 ^ B	24.00 ^ B	6.60 ^ B	5.90 ^ B	3.30 ^ B	
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 1-2_08/11/10_SO	SUP_SL_3 2-4_08/11/10_SO	SUP_SL_3 10-12_08/11/10_SO	SUP_SL_3 12-14_08/11/10_SO	SUP_SL_3 14-16_08/11/10_SO	SUP_SL_3 2-4_050911
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
1,3-Dichlorobenzene		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
2,2-Dichloropropane		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 1-2_08/11/10_SO	SUP_SL_3 2-4_08/11/10_SO	SUP_SL_3 10-12_08/11/10_SO	SUP_SL_3 12-14_08/11/10_SO	SUP_SL_3 14-16_08/11/10_SO	SUP_SL_3 2-4_050911
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Bromochloromethane		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Di-n-octyl Phthalate		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.31 U	0.42 U	0.37 U	0.27 U	0.25 U	
Dibutyl Phthalate		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 1-2_08/11/10_SO	SUP_SL_3 2-4_08/11/10_SO	SUP_SL_3 10-12_08/11/10_SO	SUP_SL_3 12-14_08/11/10_SO	SUP_SL_3 14-16_08/11/10_SO	SUP_SL_3 2-4_050911
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.06 U	0.08 U	0.15	0.05 U		0.05 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							0.38 UJ
Phenanthrene							
Phenol							
Propyl benzene		0.06 U	0.08 U	0.07 U	0.05 U		0.05 U
Tetrachloroethane, 1,1,1,2-		0.06 U	0.08 U	0.07 U	0.05 U		0.05 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.06 U	0.08 U	0.07 U	0.05 U		0.05 U
Trichlorobenzene, 1,2,4-		0.06 U	0.08 U	0.07 U	0.05 U		0.05 U
Trichlorofluoromethane		0.06 U	0.08 U	0.07 U	0.05 U		0.05 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.06 U	0.08 U	0.07 U	0.05 U		0.05 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 1-2_08/11/10_SO	SUP_SL_3 2-4_08/11/10_SO	SUP_SL_3 10-12_08/11/10_SO	SUP_SL_3 12-14_08/11/10_SO	SUP_SL_3 14-16_08/11/10_SO	SUP_SL_3 2-4_050911
Trimethylbenzene, 1,2,4-		0.06 U	0.007 J	0.07 U	0.05 U	0.05 U	
Trimethylbenzene, 1,3,5-		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
cis-1,3-Dichloropropene		0.03 U	0.03 U	0.03 U	0.02 U	0.02 U	
sec-Butylbenzene		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
tert-Amylmethyl ether							
tert-Butylbenzene		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
trans-1,3-Dichloropropene		0.03 U	0.03 U	0.03 U	0.02 U	0.02 U	
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.010 J B	0.02 J B	0.04	0.05	0.05	
Bromodichloromethane		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Bromoform		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Bromomethane		0.22 U	0.29 U	0.26 U	0.19 U	0.17 U	
Carbon Disulfide							
Carbon Tetrachloride		0.03 U	0.04 U	0.04 U	0.03 U	0.03 U	
Chlorobenzene		0.06 U	0.08 U	0.12	0.05 U	0.05 U	
Chloroform		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Chloromethane		0.62 U	0.83 U	0.74 U	0.54 U	0.50 U	
Dibromochloromethane		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Dichlorobenzene, 1,4-		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Dichloroethane, 1,1-		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Dichloroethane, 1,2-		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Dichloroethylene, 1,1-		0.03 U	0.04 U	0.04 U	0.03 U	0.03 U	
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.06 U	0.08 U	0.07 U	0.05 U	0.02 J	
Dichloroethylene, 1,2-trans-		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Dichloropropane, 1,2-		0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	
Ethyl Chloride		0.62 U	0.83 U	0.74 U	0.54 U	0.50 U	
Ethylbenzene		0.01 J B	0.01 J B	0.07 U	0.05 U	0.05 U	
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 1-2_08/11/10_SO	SUP_SL_3 2-4_08/11/10_SO	SUP_SL_3 10-12_08/11/10_SO	SUP_SL_3 12-14_08/11/10_SO	SUP_SL_3 14-16_08/11/10_SO	SUP_SL_3 2-4_050911
Methylene Chloride		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Styrene		0.06 U	0.04 J	0.07 U	0.05 U	0.05 U	
Tetrachloroethane, 1,1,2,2-		0.02 U	0.02 U	0.02 U	0.01 U	0.01 U	
Tetrachloroethylene		0.04	0.13	0.04	0.01 J	0.02 J	
Toluene		0.02 J B	0.02 J B	0.12	0.03 J	0.03 J	
Trichloroethane, 1,1,1-		0.06 U	0.08 U	0.07 U	0.05 U	0.05 U	
Trichloroethane, 1,1,2-		0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	
Trichloroethylene		0.03 U	0.03 U	0.03 U	0.02 U	0.02 U	
Vinyl Chloride		0.01 U	0.02 U	0.02 U	0.01 U	0.010 U	
Xylene, o-		0.01 J	0.08 U	0.07 U	0.05 U	0.05 U	
Xylenes							
m&p-Xylene		0.02 J B	0.02 J B	0.07 U	0.05 U	0.05 U	
p-Isopropyltoluene		0.01 J B	0.08 U	0.07 U	0.03 J	0.03 J	

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 10-12_050911_DC	SUP_SL_3 12-14_050911	SUP_SL_3 14-16_050911	SUP_SL_30_2-4_11/16/10_SO	SUP_SL_30_4-6_11/16/10_SO	SUP_SL_30_10-12_11/16/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic				6.50	400.00		270.00
Cadmium				0.47 U	0.64		0.56 J
Lead and Compounds				6.20	240.00		280.00
Mercury (elemental)							
Nickel Refinery Dust				50.00 J B	330.00 B		70.00 J B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene				0.04 U	0.10 U		0.01 J
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 10-12_050911_DC	SUP_SL_3 12-14_050911	SUP_SL_3 14-16_050911	SUP_SL_30_2-4_11/16/10_SO	SUP_SL_30_4-6_11/16/10_SO	SUP_SL_30_10-12_11/16/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)					25.00 U	42.00 UY	9.00 J
Gasoline Range Organics (~C4~C12)					3.80 U	6.80 J	1.70 J
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene					0.04 U	0.10 U	0.06 U
1,3-Dichlorobenzene					0.04 U	0.10 U	0.06 U
2,2-Dichloropropane					0.04 U	0.10 U	0.06 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 10-12_050911_DC	SUP_SL_3 12-14_050911	SUP_SL_3 14-16_050911	SUP_SL_30_2-4_11/16/10_SO	SUP_SL_30_4-6_11/16/10_SO	SUP_SL_30_10-12_11/16/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene					0.04 U	0.10 U	0.06 U
Bromochloromethane					0.04 U	0.10 U	0.06 U
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-					0.04 U	0.10 U	0.06 U
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-					0.04 U	0.10 U	0.06 U
Chlorotoluene, p-					0.04 U	0.10 U	0.06 U
Cresol, o-							
Cresol, p-chloro-m-							
Cumene					0.04 U	0.10 U	0.06 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-					0.19 U	0.48 U	0.29 U
Dibromoethane, 1,2-					0.04 U	0.10 U	0.06 U
Dibromomethane (Methylene Bromide)					0.04 U	0.10 U	0.06 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2-					0.04 U	0.10 U	0.06 U
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane					0.04 U	0.10 U	0.06 U
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-					0.04 U	0.10 U	0.06 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 10-12_050911_DC	SUP_SL_3 12-14_050911	SUP_SL_3 14-16_050911	SUP_SL_30_2-4_11/16/10_SO	SUP_SL_30_4-6_11/16/10_SO	SUP_SL_30_10-12_11/16/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene					0.04 U	0.10 U	0.06 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.49 UJ	0.48 UJ	0.45 UJ	0.21 U	0.26 U	0.29 U
Phenanthrene							
Phenol							
Propyl benzene					0.04 U	0.10 U	0.06 U
Tetrachloroethane, 1,1,1,2-					0.04 U	0.10 U	0.06 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-					0.04 U	0.10 U	0.06 U
Trichlorobenzene, 1,2,4-					0.04 U	0.10 U	0.06 U
Trichlorofluoromethane					0.04 U	0.10 U	0.06 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-					0.04 U	0.10 U	0.06 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 10-12_050911_DC	SUP_SL_3 12-14_050911	SUP_SL_3 14-16_050911	SUP_SL_30_2-4_11/16/10_SO	SUP_SL_30_4-6_11/16/10_SO	SUP_SL_30_10-12_11/16/10_SO
Trimethylbenzene, 1,2,4-					0.04 U	0.10 U	0.06 U
Trimethylbenzene, 1,3,5-					0.04 U	0.10 U	0.06 U
cis-1,3-Dichloropropene					0.02 U	0.04 U	0.02 U
sec-Butylbenzene					0.04 U	0.10 U	0.06 U
tert-Amylmethyl ether							
tert-Butylbenzene					0.04 U	0.10 U	0.06 U
trans-1,3-Dichloropropene					0.02 U	0.04 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene					0.02 U	0.04 U	0.02 U
Bromodichloromethane					0.04 U	0.10 U	0.06 U
Bromoform					0.04 U	0.10 U	0.06 U
Bromomethane					0.13 U	0.33 U	0.20 U
Carbon Disulfide							
Carbon Tetrachloride					0.02 U	0.05 U	0.03 U
Chlorobenzene					0.04 U	0.10 U	0.06 U
Chloroform					0.04 U	0.10 U	0.06 U
Chloromethane					0.38 U	0.95 U	0.57 U
Dibromochloromethane					0.04 U	0.10 U	0.06 U
Dichlorobenzene, 1,4-					0.04 U	0.10 U	0.06 U
Dichloroethane, 1,1-					0.04 U	0.10 U	0.06 U
Dichloroethane, 1,2-					0.04 U	0.10 U	0.06 U
Dichloroethylene, 1,1-					0.02 U	0.05 U	0.03 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-					0.04 U	0.10 U	0.06 U
Dichloroethylene, 1,2-trans-					0.04 U	0.10 U	0.06 U
Dichloropropane, 1,2-					0.01 U	0.03 U	0.02 U
Ethyl Chloride					0.38 U	0.95 U	0.57 U
Ethylbenzene					0.04 U	0.10 U	0.06 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_3 10-12_050911_DC	SUP_SL_3 12-14_050911	SUP_SL_3 14-16_050911	SUP_SL_30_2-4_11/16/10_SO	SUP_SL_30_4-6_11/16/10_SO	SUP_SL_30_10-12_11/16/10_SO
Methylene Chloride					0.02 J	0.04 J	0.01 J
Styrene					0.04 U	0.10 U	0.06 U
Tetrachloroethane, 1,1,2,2-					0.010 U	0.02 U	0.01 U
Tetrachloroethylene					0.02 U	0.05 U	0.03 U
Toluene					0.04 U	0.10 U	0.06 U
Trichloroethane, 1,1,1-					0.04 U	0.10 U	0.06 U
Trichloroethane, 1,1,2-					0.01 U	0.03 U	0.02 U
Trichloroethylene					0.02 U	0.04 U	0.02 U
Vinyl Chloride					0.008 U	0.02 U	0.01 U
Xylene, o-					0.04 U	0.10 U	0.06 U
Xylenes							
m&p-Xylene					0.04 U	0.10 U	0.06 U
p-Isopropyltoluene					0.04 U	0.10 U	0.06 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_30_12-14_11/16/10_SO	SUP_SL_30_14-16_11/16/10_SO	SUP_SL_32_1-2_11/15/10_SO	SUP_SL_32_2-4_11/15/10_SO	SUP_SL_32_4-6_11/15/10_SO	SUP_SL_32_6-8_11/15/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		120.00	99.00	12.00	7.70	7.50	22.00
Cadmium		0.46 J	0.28 J	0.39 J	0.59 U	0.33 J	0.52
Lead and Compounds		17.00	1.40 J	46.00	20.00	7.20	6.50
Mercury (elemental)							
Nickel Refinery Dust		65.00 J B	63.00 J B	2000.00 B	62.00 J B	430.00 B	54.00 J B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.04 J	0.03 J	0.02 J	0.05 U	0.05 U	0.04 U
Pyrene							
Pesticides (mg/kg)							
Aldrin				0.001 U	0.001 U	0.001 U	0.001 U
Chlordane, alpha				0.001 U	0.001 U	0.001 U	0.001 U
Chlordane, gamma				0.009	0.001 U	0.001 U	0.001 U
DDD				0.009	0.002 U	0.002 U	0.002 U
DDE, p,p'-				0.02	0.002 J	0.002 U	0.002 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_30_12-14_11/16/10_SO	SUP_SL_30_14-16_11/16/10_SO	SUP_SL_32_1-2_11/15/10_SO	SUP_SL_32_2-4_11/15/10_SO	SUP_SL_32_4-6_11/15/10_SO	SUP_SL_32_6-8_11/15/10_SO
DDT				0.001 J ^	0.002 ^U	0.002 ^U	0.002 ^U
Dieldrin				0.002 U	0.002 U	0.002 U	0.002 U
Endosulfan I				0.001 U	0.001 U	0.001 U	0.001 U
Endosulfan II				0.002 U	0.002 U	0.002 U	0.002 U
Endosulfan sulfate				0.002 ^U	0.002 ^U	0.002 ^U	0.002 ^U
Endrin				0.002 U	0.002 U	0.002 U	0.002 U
Endrin aldehyde				0.002 U	0.002 U	0.002 U	0.002 U
Endrin ketone				0.002 U	0.002 U	0.002 U	0.002 U
Heptachlor				0.001 U	0.001 U	0.001 U	0.001 U
Heptachlor Epoxide				0.001 U	0.001 U	0.001 U	0.001 U
Hexachlorocyclohexane, Alpha-				0.001 U	0.001 U	0.001 U	0.001 U
Hexachlorocyclohexane, Beta-				0.001 U	0.001 U	0.001 U	0.001 U
Hexachlorocyclohexane, Gamma- (Lindane)				0.001 U	0.001 U	0.001 U	0.001 U
Hexachlorocyclohexane, delta-				0.001 HU	0.001 HU	0.001 HU	0.001 HU
Methoxychlor				0.01 ^U	0.01 ^U	0.01 ^U	0.01 ^U
Toxaphene				0.11 ^U	0.12 ^U	0.11 ^U	0.11 ^U
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		33.00 U	31.00 U	150.00 UY	31.00 U	32.00 UY	45.00 UY
Gasoline Range Organics (~C4~C12)		4.90 U	6.20 U	4.30 U	4.80 U	1.70 J	3.70 U
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
1,3-Dichlorobenzene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
2,2-Dichloropropane		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_30_12-14_11/16/10_SO	SUP_SL_30_14-16_11/16/10_SO	SUP_SL_32_1-2_11/15/10_SO	SUP_SL_32_2-4_11/15/10_SO	SUP_SL_32_4-6_11/15/10_SO	SUP_SL_32_6-8_11/15/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Bromochloromethane		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Di-n-octyl Phthalate		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.25 U	0.31 U	0.22 U	0.24 U	0.24 U	0.18 U
Dibutyl Phthalate		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_30_12-14_11/16/10_SO	SUP_SL_30_14-16_11/16/10_SO	SUP_SL_32_1-2_11/15/10_SO	SUP_SL_32_2-4_11/15/10_SO	SUP_SL_32_4-6_11/15/10_SO	SUP_SL_32_6-8_11/15/10_SO
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.26 U	0.25 U				
Phenanthrene Phenol Propyl benzene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5-		0.03 J	0.02 J	0.04 U	0.05 U	0.05 U	0.04 U
Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_30_12-14_11/16/10_SO	SUP_SL_30_14-16_11/16/10_SO	SUP_SL_32_1-2_11/15/10_SO	SUP_SL_32_2-4_11/15/10_SO	SUP_SL_32_4-6_11/15/10_SO	SUP_SL_32_6-8_11/15/10_SO
Trimethylbenzene, 1,2,4-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Trimethylbenzene, 1,3,5-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
cis-1,3-Dichloropropene		0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
sec-Butylbenzene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
trans-1,3-Dichloropropene		0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
Bromodichloromethane		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Bromoform		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Bromomethane		0.17 U	0.22 U	0.15 U	0.17 U	0.17 U	0.13 U
Carbon Disulfide							
Carbon Tetrachloride		0.03 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
Chlorobenzene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Chloroform		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Chloromethane		0.49 U	0.62 U	0.43 U	0.48 U	0.49 U	0.37 U
Dibromochloromethane		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dichlorobenzene, 1,4-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dichloroethane, 1,1-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dichloroethane, 1,2-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dichloroethylene, 1,1-		0.03 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dichloroethylene, 1,2-trans-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Dichloropropane, 1,2-		0.02 U	0.02 U	0.01 U	0.01 U	0.02 U	0.01 U
Ethyl Chloride		0.49 U	0.62 U	0.43 U	0.48 U	0.49 U	0.37 U
Ethylbenzene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_30_12-14_11/16/10_SO	SUP_SL_30_14-16_11/16/10_SO	SUP_SL_32_1-2_11/15/10_SO	SUP_SL_32_2-4_11/15/10_SO	SUP_SL_32_4-6_11/15/10_SO	SUP_SL_32_6-8_11/15/10_SO
Methylene Chloride		0.02 J	0.03 J	0.03 J	0.03 J	0.03 J	0.02 J
Styrene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Tetrachloroethane, 1,1,2,2-		0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.009 U
Tetrachloroethylene		0.03 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
Toluene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Trichloroethane, 1,1,1-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Trichloroethane, 1,1,2-		0.02 U	0.02 U	0.01 U	0.01 U	0.02 U	0.01 U
Trichloroethylene		0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
Vinyl Chloride		0.010 U	0.01 U	0.009 U	0.010 U	0.010 U	0.007 U
Xylene, o-		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
Xylenes							
m&p-Xylene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U
p-Isopropyltoluene		0.05 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_32_8-10_11/15/10_SO	SUP_SL_32_10-12_11/15/10_SO	SUP_SL_32_12-14_11/15/10_SO	SUP_SL_32_14-16_11/15/10_SO	SUP_SL_33_1-2_11/15/10_SO	SUP_SL_33_2-4_11/15/10_SO_D
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		50.00	20.00	18.00	4.30	3.30	24.00
Cadmium		0.94	0.36 J	0.35 J	0.43 J	0.50 U	0.52 U
Lead and Compounds		220.00	6.60	20.00	4.50	6.20	35.60
Mercury (elemental)							
Nickel Refinery Dust		87.00 B	56.00 B	60.00 B	69.00 J B	650.00 B	345.00 B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.04 J	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Pyrene							
Pesticides (mg/kg)							
Aldrin		0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	
Chlordane, alpha		0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	
Chlordane, gamma		0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	
DDD		0.004 U	0.002 U	0.003 U	0.003 U		
DDE, p,p'		0.004 U	0.002 U	0.003 U	0.003 U		

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_32_8-10_11/15/10_SO	SUP_SL_32_10-12_11/15/10_SO	SUP_SL_32_12-14_11/15/10_SO	SUP_SL_32_14-16_11/15/10_SO	SUP_SL_33_1-2_11/15/10_SO	SUP_SL_33_2-4_11/15/10_SO_D
DDT		0.004 ^U	0.002 ^U	0.003 ^U	0.003 ^U		
Dieldrin		0.004 U	0.002 U	0.003 U	0.003 U		
Endosulfan I		0.002 U	0.001 U	0.001 U	0.001 U		
Endosulfan II		0.004 U	0.002 U	0.003 U	0.003 U		
Endosulfan sulfate		0.004 ^U	0.002 ^U	0.003 ^U	0.003 ^U		
Endrin		0.004 U	0.002 U	0.003 U	0.003 U		
Endrin aldehyde		0.004 U	0.002 U	0.003 U	0.003 U		
Endrin ketone		0.004 U	0.002 U	0.003 U	0.003 U		
Heptachlor		0.002 U	0.001 U	0.001 U	0.001 U		
Heptachlor Epoxide		0.002 U	0.001 U	0.001 U	0.001 U		
Hexachlorocyclohexane, Alpha-		0.002 U	0.001 U	0.001 U	0.001 U		
Hexachlorocyclohexane, Beta-		0.002 U	0.001 U	0.001 U	0.001 U		
Hexachlorocyclohexane, Gamma- (Lindane)		0.002 U	0.001 U	0.001 U	0.001 U		
Hexachlorocyclohexane, delta-		0.002 HU	0.001 HU	0.001 HU	0.001 HU		
Methoxychlor		0.02 ^U	0.01 ^U	0.01 ^U	0.01 ^U		
Toxaphene		0.18 ^U	0.12 ^U	0.12 ^U	0.13 ^U		
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		47.00 UY	12.00 J	8.40 J	34.00 U	36.00 J	15.00 J
Gasoline Range Organics (~C4~C12)		7.70 U	3.80 U	4.40 U	5.90 U	4.80 U	5.00 U
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
1,3-Dichlorobenzene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
2,2-Dichloropropane		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_32_8-10_11/15/10_SO	SUP_SL_32_10-12_11/15/10_SO	SUP_SL_32_12-14_11/15/10_SO	SUP_SL_32_14-16_11/15/10_SO	SUP_SL_33_1-2_11/15/10_SO	SUP_SL_33_2-4_11/15/10_SO_D
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Bromochloromethane		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Cresol, p-chloro-m- Cumene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.39 U	0.19 U	0.22 U	0.30 U	0.24 U	0.25 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Dichlorodifluoromethane		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Diethyl Phthalate Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_32_8-10_11/15/10_SO	SUP_SL_32_10-12_11/15/10_SO	SUP_SL_32_12-14_11/15/10_SO	SUP_SL_32_14-16_11/15/10_SO	SUP_SL_33_1-2_11/15/10_SO	SUP_SL_33_2-4_11/15/10_SO_D
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_32_8-10_11/15/10_SO	SUP_SL_32_10-12_11/15/10_SO	SUP_SL_32_12-14_11/15/10_SO	SUP_SL_32_14-16_11/15/10_SO	SUP_SL_33_1-2_11/15/10_SO	SUP_SL_33_2-4_11/15/10_SO_D
Trimethylbenzene, 1,2,4-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.01 J
Trimethylbenzene, 1,3,5-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
cis-1,3-Dichloropropene		0.03 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
sec-Butylbenzene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
trans-1,3-Dichloropropene		0.03 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.03 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Bromodichloromethane		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Bromoform		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Bromomethane		0.27 U	0.13 U	0.15 U	0.21 U	0.17 U	0.18 U
Carbon Disulfide							
Carbon Tetrachloride		0.04 U	0.02 U	0.02 U	0.03 U	0.02 U	0.03 U
Chlorobenzene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Chloroform		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Chloromethane		0.77 U	0.38 U	0.44 U	0.59 U	0.48 U	0.50 U
Dibromochloromethane		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Dichlorobenzene, 1,4-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Dichloroethane, 1,1-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Dichloroethane, 1,2-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Dichloroethylene, 1,1-		0.04 U	0.02 U	0.02 U	0.03 U	0.02 U	0.03 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Dichloroethylene, 1,2-trans-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.02 J
Dichloropropane, 1,2-		0.02 U	0.01 U	0.01 U	0.02 U	0.01 U	0.02 U
Ethyl Chloride		0.77 U	0.38 U	0.44 U	0.59 U	0.48 U	0.50 U
Ethylbenzene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_32_8-10_11/15/10_SO	SUP_SL_32_10-12_11/15/10_SO	SUP_SL_32_12-14_11/15/10_SO	SUP_SL_32_14-16_11/15/10_SO	SUP_SL_33_1-2_11/15/10_SO	SUP_SL_33_2-4_11/15/10_SO_D
Methylene Chloride		0.03 J	0.04 U	0.04 U	0.03 J	0.02 J	0.03 J
Styrene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Tetrachloroethane, 1,1,2,2-		0.02 U	0.009 U	0.01 U	0.02 U	0.01 U	0.01 U
Tetrachloroethylene		0.04 U	0.02 U	0.02 U	0.03 U	0.02 U	0.03 U
Toluene		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Trichloroethane, 1,1,1-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05 U
Trichloroethane, 1,1,2-		0.02 U	0.01 U	0.01 U	0.02 U	0.01 U	0.02 U
Trichloroethylene		0.03 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Vinyl Chloride		0.02 U	0.008 U	0.009 U	0.01 U	0.010 U	0.003 J
Xylene, o-		0.08 U	0.04 U	0.04 U	0.06 U	0.05 U	0.02 J
Xylenes							
m&p-Xylene		0.02 J	0.04 U	0.04 U	0.06 U	0.05 U	0.01 J
p-Isopropyltoluene		0.08 U	0.04 U	0.02 J	0.06 U	0.02 J	0.01 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_33_4-6_11/15/10_SO	SUP_SL_33_6-8_11/15/10_SO	SUP_SL_33_8-10_11/15/10_SO	SUP_SL_33_10-12_11/15/10_SO	SUP_SL_33_12-14_11/15/10_SO	SUP_SL_33_14-16_11/15/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		49.00	97.00	28.00	16.00	8.80	2.80 J
Cadmium		0.42 U	0.48 U	0.64 U	0.60 U	0.72 U	0.57 U
Lead and Compounds		110.00	110.00	29.00	11.00	5.10	1.90
Mercury (elemental)							
Nickel Refinery Dust		1500.00 B	1700.00 B	130.00 B	120.00 B	87.00 J B	62.00 B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.05 U		0.06 J	0.03 J	0.14	0.05 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_33_4-6_11/15/10_SO	SUP_SL_33_6-8_11/15/10_SO	SUP_SL_33_8-10_11/15/10_SO	SUP_SL_33_10-12_11/15/10_SO	SUP_SL_33_12-14_11/15/10_SO	SUP_SL_33_14-16_11/15/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		110.00 UY	130.00	9.40 J	13.00 J	43.00 U	7.00 J
Gasoline Range Organics (~C4~C12)		5.40 U		3.50 J	2.40 J	10.00	4.60 U
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
1,3-Dichlorobenzene		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
2,2-Dichloropropane		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_33_4-6_11/15/10_SO	SUP_SL_33_6-8_11/15/10_SO	SUP_SL_33_8-10_11/15/10_SO	SUP_SL_33_10-12_11/15/10_SO	SUP_SL_33_12-14_11/15/10_SO	SUP_SL_33_14-16_11/15/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.05 U	0.08 U	0.06 U	0.08 U	0.05 U	
Bromochloromethane		0.05 U	0.08 U	0.06 U	0.08 U	0.05 U	
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.05 U	0.08 U	0.06 U	0.08 U	0.05 U	
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.05 U	0.08 U	0.06 U	0.08 U	0.05 U	
Cresol, p-chloro-m- Cumene		0.05 U	0.08 U	0.06 U	0.03 J	0.05 U	
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.27 U	0.38 U	0.29 U	0.41 U	0.23 U	
Dibutyl Phthalate		0.05 U	0.08 U	0.06 U	0.08 U	0.05 U	
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.05 U	0.08 U	0.06 U	0.08 U	0.05 U	
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.05 U	0.08 U	0.06 U	0.08 U	0.05 U	
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_33_4-6_11/15/10_SO	SUP_SL_33_6-8_11/15/10_SO	SUP_SL_33_8-10_11/15/10_SO	SUP_SL_33_10-12_11/15/10_SO	SUP_SL_33_12-14_11/15/10_SO	SUP_SL_33_14-16_11/15/10_SO
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.05 U	0.08 U	0.06 U	0.08 U	0.05 U	
Hexachlorocyclopentadiene Hexachloroethane Isophorone Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.05 U	0.08 U	0.06 U	0.03 J	0.05 U	
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.05 U	0.08 U	0.06 U	0.08 U	0.05 U	

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_33_4-6_11/15/10_SO	SUP_SL_33_6-8_11/15/10_SO	SUP_SL_33_8-10_11/15/10_SO	SUP_SL_33_10-12_11/15/10_SO	SUP_SL_33_12-14_11/15/10_SO	SUP_SL_33_14-16_11/15/10_SO
Trimethylbenzene, 1,2,4-		0.05 U		0.17	0.12	0.44	0.03 J
Trimethylbenzene, 1,3,5-		0.05 U		0.07 J	0.04 J	0.17	0.05 U
cis-1,3-Dichloropropene		0.02 U		0.03 U	0.02 U	0.03 U	0.02 U
sec-Butylbenzene		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
trans-1,3-Dichloropropene		0.02 U		0.03 U	0.02 U	0.03 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 U		0.03 U	0.02 U	0.03 U	0.02 U
Bromodichloromethane		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Bromoform		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Bromomethane		0.19 U		0.26 U	0.20 U	0.29 U	0.16 U
Carbon Disulfide							
Carbon Tetrachloride		0.03 U		0.04 U	0.03 U	0.04 U	0.02 U
Chlorobenzene		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Chloroform		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Chloromethane		0.54 U		0.75 U	0.58 U	0.82 U	0.46 U
Dibromochloromethane		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Dichlorobenzene, 1,4-		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Dichloroethane, 1,1-		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Dichloroethane, 1,2-		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Dichloroethylene, 1,1-		0.03 U		0.04 U	0.03 U	0.04 U	0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.05 U		0.04 J	0.06 U	0.18	0.03 J
Dichloroethylene, 1,2-trans-		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Dichloropropane, 1,2-		0.02 U		0.02 U	0.02 U	0.03 U	0.01 U
Ethyl Chloride		0.54 U		0.75 U	0.58 U	0.82 U	0.46 U
Ethylbenzene		0.05 U		0.02 J	0.02 J	0.09	0.05 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_33_4-6_11/15/10_SO	SUP_SL_33_6-8_11/15/10_SO	SUP_SL_33_8-10_11/15/10_SO	SUP_SL_33_10-12_11/15/10_SO	SUP_SL_33_12-14_11/15/10_SO	SUP_SL_33_14-16_11/15/10_SO
Methylene Chloride		0.03 J		0.03 J	0.03 J	0.04 J	0.05 U
Styrene		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Tetrachloroethane, 1,1,2,2-		0.01 U		0.02 U	0.01 U	0.02 U	0.01 U
Tetrachloroethylene		0.03 U		0.04 U	0.03 U	0.04 U	0.02 U
Toluene		0.05 U		0.06 J	0.02 J	0.21	0.03 J
Trichloroethane, 1,1,1-		0.05 U		0.08 U	0.06 U	0.08 U	0.05 U
Trichloroethane, 1,1,2-		0.02 U		0.02 U	0.02 U	0.03 U	0.01 U
Trichloroethylene		0.02 U		0.03 J	0.04	0.16	0.02 U
Vinyl Chloride		0.01 U		0.02 U	0.01 U	0.009 J	0.009 U
Xylene, o-		0.05 U		0.10	0.06	0.30	0.03 J
Xylenes							
m&p-Xylene		0.05 U		0.13	0.09	0.45	0.03 J
p-Isopropyltoluene		0.05 U		0.03 J	0.01 J	0.04 J	0.01 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_1-2_11/15/10_SO	SUP_SL_34_2-4_11/15/10_SO	SUP_SL_34_4-6_11/15/10_SO	SUP_SL_34_6-8_11/15/10_SO	SUP_SL_34_8-10_11/15/10_SO	SUP_SL_34_10-12_11/15/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		1.60 J	7.40	4.70 U	4.10 U	180.00	3.70
Cadmium		0.59 U	0.56 U	0.78 U	0.68 U	0.60 U	0.56 U
Lead and Compounds		24.00	23.00	2.10 J	6.10	28.00	3.70
Mercury (elemental)							
Nickel Refinery Dust		4200.00 B	1300.00 UBY	86.00 B	86.00 J B	13250.00 B	69.00 B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.05 U	0.05 U	0.07 U	0.19	26.00	0.11 B
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_1-2_11/15/10_SO	SUP_SL_34_2-4_11/15/10_SO	SUP_SL_34_4-6_11/15/10_SO	SUP_SL_34_6-8_11/15/10_SO	SUP_SL_34_8-10_11/15/10_SO	SUP_SL_34_10-12_11/15/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		290.00 UY	600.00 UY	18.00 J	43.00 U	2100.00 UY	16.00 J
Gasoline Range Organics (~C4~C12)		4.90 U	6.50	3.80 J	18.00	1700.00	36.00
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
1,3-Dichlorobenzene		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
2,2-Dichloropropane		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_1-2_11/15/10_SO	SUP_SL_34_2-4_11/15/10_SO	SUP_SL_34_4-6_11/15/10_SO	SUP_SL_34_6-8_11/15/10_SO	SUP_SL_34_8-10_11/15/10_SO	SUP_SL_34_10-12_11/15/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Bromochloromethane		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.05 U	0.05 U	0.03 J	0.05 J	5.10	0.06
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Cresol, p-chloro-m- Cumene		0.05 U	0.02 J	0.02 J	0.05 J	4.60	0.11
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.25 U	0.26 U	0.35 U	0.36 U	4.70 U	0.29 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Dichlorodifluoromethane		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Diethyl Phthalate Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_1-2_11/15/10_SO	SUP_SL_34_2-4_11/15/10_SO	SUP_SL_34_4-6_11/15/10_SO	SUP_SL_34_6-8_11/15/10_SO	SUP_SL_34_8-10_11/15/10_SO	SUP_SL_34_10-12_11/15/10_SO
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.05 U	0.03 J	0.03 J	0.11	11.00	0.21
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_1-2_11/15/10_SO	SUP_SL_34_2-4_11/15/10_SO	SUP_SL_34_4-6_11/15/10_SO	SUP_SL_34_6-8_11/15/10_SO	SUP_SL_34_8-10_11/15/10_SO	SUP_SL_34_10-12_11/15/10_SO
Trimethylbenzene, 1,2,4-		0.05 U	0.22	0.24	1.50	150.00 H	2.60
Trimethylbenzene, 1,3,5-		0.05 U	0.12	0.10	0.52	45.00	0.78
cis-1,3-Dichloropropene		0.02 U	0.02 U	0.03 U	0.03 U	0.37 U	0.02 U
sec-Butylbenzene		0.05 U	0.02 J	0.03 J	0.05 J	4.10	0.05 J
tert-Amylmethyl ether							
tert-Butylbenzene		0.05 U	0.05 U	0.07 U	0.07 U	0.32 J	0.06 U
trans-1,3-Dichloropropene		0.02 U	0.02 U	0.03 U	0.03 U	0.37 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 U	0.02 U	0.03 U	0.03 U	0.37 U	0.02 J B
Bromodichloromethane		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Bromoform		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Bromomethane		0.17 U	0.18 U	0.25 U	0.25 U	3.30 U	0.20 U
Carbon Disulfide							
Carbon Tetrachloride		0.03 U	0.03 U	0.04 U	0.04 U	0.47 U	0.03 U
Chlorobenzene		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Chloroform		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Chloromethane		0.49 U	0.52 U	0.70 U	0.71 U	9.30 U	0.58 U
Dibromochloromethane		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Dichlorobenzene, 1,4-		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Dichloroethane, 1,1-		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Dichloroethane, 1,2-		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Dichloroethylene, 1,1-		0.03 U	0.03 U	0.04 U	0.04 U	0.47 U	0.03 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.05 U	0.05 U	0.07 U	0.03 J	2.70	0.06 U
Dichloroethylene, 1,2-trans-		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Dichloropropane, 1,2-		0.02 U	0.02 U	0.02 U	0.02 U	0.28 U	0.02 U
Ethyl Chloride		0.49 U	0.52 U	0.70 U	0.71 U	9.30 U	0.58 U
Ethylbenzene		0.05 U	0.05 U	0.07 U	0.05 J	7.20	0.28
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_1-2_11/15/10_SO	SUP_SL_34_2-4_11/15/10_SO	SUP_SL_34_4-6_11/15/10_SO	SUP_SL_34_6-8_11/15/10_SO	SUP_SL_34_8-10_11/15/10_SO	SUP_SL_34_10-12_11/15/10_SO
Methylene Chloride		0.02 J	0.02 J	0.07 U	0.02 J	0.93 U	0.03 J
Styrene		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Tetrachloroethane, 1,1,2,2-		0.01 U	0.01 U	0.02 U	0.02 U	0.23 U	0.02 U
Tetrachloroethylene		0.03 U	0.03 U	0.04 U	0.04 U	0.47 U	0.03 U
Toluene		0.05 U	0.05 U	0.07 U	0.03 J	3.20	0.03 J
Trichloroethane, 1,1,1-		0.05 U	0.05 U	0.07 U	0.07 U	0.93 U	0.06 U
Trichloroethane, 1,1,2-		0.02 U	0.02 U	0.02 U	0.02 U	0.28 U	0.02 U
Trichloroethylene		0.02 U	0.02 U	0.03 U	0.03 U	0.37 U	0.02 U
Vinyl Chloride		0.010 U	0.003 J	0.01 U	0.01 U	0.08 J	0.01 U
Xylene, o-		0.05 U	0.04 J	0.05 J	0.20	30.00	0.99
Xylenes							
m&p-Xylene		0.05 U	0.06	0.08	0.32	46.00	1.70
p-Isopropyltoluene		0.01 J	0.06	0.04 J	0.11	7.80	0.10

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_12-14_11/15/10_SO	SUP_SL_34_14-16_11/15/10_SO	SUP_SL_35_0-1_11/15/10_SO	SUP_SL_35_1-2_11/15/10_SO	SUP_SL_35_2-4_11/15/10_SO	SUP_SL_35_4-6_11/15/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		1.90 J	2.30 J	3.60 U	3.40 U	3.10 U	92.00
Cadmium		0.55 U	0.58 U	0.60 U	0.57 U	0.52 U	0.70 U
Lead and Compounds		1.60	1.30 J	46.00	42.00	46.00	15.00
Mercury (elemental)							
Nickel Refinery Dust		120.00 J B	63.00 J B	530.00 B	59.00 B	220.00 B	670.00 B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.04 U	0.04 U	0.07 J B	0.07 J B	0.16 B	0.23 B
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_12-14_11/15/10_SO	SUP_SL_34_14-16_11/15/10_SO	SUP_SL_35_0-1_11/15/10_SO	SUP_SL_35_1-2_11/15/10_SO	SUP_SL_35_2-4_11/15/10_SO	SUP_SL_35_4-6_11/15/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		59.00 U	7.70 J	100.00 UY	44.00 UY	84.00 UY	260.00 UY
Gasoline Range Organics (~C4~C12)		1.70 J	4.20 U	4.10 J	7.00 J	8.80	6.10 J
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
1,3-Dichlorobenzene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
2,2-Dichloropropane		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_12-14_11/15/10_SO	SUP_SL_34_14-16_11/15/10_SO	SUP_SL_35_0-1_11/15/10_SO	SUP_SL_35_1-2_11/15/10_SO	SUP_SL_35_2-4_11/15/10_SO	SUP_SL_35_4-6_11/15/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Bromochloromethane		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Di-n-octyl Phthalate		0.04 U	0.04 U	0.07 U	0.02 J	0.08 U	0.07 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.20 U	0.21 U	0.35 U	0.36 U	0.38 U	0.35 U
Dibutyl Phthalate		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_12-14_11/15/10_SO	SUP_SL_34_14-16_11/15/10_SO	SUP_SL_35_0-1_11/15/10_SO	SUP_SL_35_1-2_11/15/10_SO	SUP_SL_35_2-4_11/15/10_SO	SUP_SL_35_4-6_11/15/10_SO
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_12-14_11/15/10_SO	SUP_SL_34_14-16_11/15/10_SO	SUP_SL_35_0-1_11/15/10_SO	SUP_SL_35_1-2_11/15/10_SO	SUP_SL_35_2-4_11/15/10_SO	SUP_SL_35_4-6_11/15/10_SO
Trimethylbenzene, 1,2,4-		0.05	0.04 U	0.07 U	0.02 J	0.03 J	0.03 J
Trimethylbenzene, 1,3,5-		0.02 J	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
cis-1,3-Dichloropropene		0.02 U	0.02 U	0.03 U	0.03 U	0.03 U	0.03 U
sec-Butylbenzene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
trans-1,3-Dichloropropene		0.02 U	0.02 U	0.03 U	0.03 U	0.03 U	0.03 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 J B	0.02 J B	0.03 J B	0.03 J B	0.03 U	0.03 J B
Bromodichloromethane		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Bromoform		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Bromomethane		0.14 U	0.15 U	0.24 U	0.25 U	0.27 U	0.25 U
Carbon Disulfide							
Carbon Tetrachloride		0.02 U	0.02 U	0.04 U	0.04 U	0.04 U	0.04 U
Chlorobenzene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Chloroform		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Chloromethane		0.41 U	0.42 U	0.69 U	0.71 U	0.77 U	0.70 U
Dibromochloromethane		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Dichlorobenzene, 1,4-		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Dichloroethane, 1,1-		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Dichloroethane, 1,2-		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Dichloroethylene, 1,1-		0.02 U	0.02 U	0.04 U	0.04 U	0.04 U	0.04 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Dichloroethylene, 1,2-trans-		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Dichloropropane, 1,2-		0.01 U	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U
Ethyl Chloride		0.41 U	0.42 U	0.69 U	0.71 U	0.77 U	0.70 U
Ethylbenzene		0.05	0.04 U	0.07 U	0.02 J	0.08 U	0.02 J
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_34_12-14_11/15/10_SO	SUP_SL_34_14-16_11/15/10_SO	SUP_SL_35_0-1_11/15/10_SO	SUP_SL_35_1-2_11/15/10_SO	SUP_SL_35_2-4_11/15/10_SO	SUP_SL_35_4-6_11/15/10_SO
Methylene Chloride		0.02 J	0.03 J	0.06 J	0.06 J	0.04 J	0.04 J
Styrene		0.04 U	0.04 U	0.07 U	1.70	0.06 J	0.07 U
Tetrachloroethane, 1,1,2,2-		0.01 U	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U
Tetrachloroethylene		0.02 U	0.02 U	0.04 U	0.04 U	0.04 U	0.04 U
Toluene		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Trichloroethane, 1,1,1-		0.04 U	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Trichloroethane, 1,1,2-		0.01 U	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U
Trichloroethylene		0.02 J B	0.02 J B	0.03 J B	0.03 J B	0.03 U	0.03 J B
Vinyl Chloride		0.008 U	0.008 U	0.01 U	0.01 U	0.02 U	0.01 U
Xylene, o-		0.17	0.04 U	0.07 U	0.07 U	0.08 U	0.07 U
Xylenes							
m&p-Xylene		0.27	0.04 U	0.07 U	0.07 U	0.03 J	0.04 J
p-Isopropyltoluene		0.04 U	0.04 U	0.07 U	0.07 U	0.02 J	0.02 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_35_6-8_11/15/10_SO	SUP_SL_35_8-10_11/15/10_SO	SUP_SL_35_10-12_11/15/10_SO	SUP_SL_35_12-14_11/15/10_SO	SUP_SL_35_14-16_11/15/10_SO	SUP_SL_36_1-2_08/12/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		180.00	110.00	660.00	140.00	26.00	560.00
Cadmium		0.61 U	0.75 U	0.66 U	0.61 U	0.60 U	4.00
Lead and Compounds		7.40	23.00	9.30	3.70	1.30 J	690.00
Mercury (elemental)							
Nickel Refinery Dust		79.00 B	76.00 J B	76.00 J B	68.00 B	130.00 J B	
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.17 B	0.09 B	0.07 U	0.05 U	0.03 U	1.70
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_35_6-8_11/15/10_SO	SUP_SL_35_8-10_11/15/10_SO	SUP_SL_35_10-12_11/15/10_SO	SUP_SL_35_12-14_11/15/10_SO	SUP_SL_35_14-16_11/15/10_SO	SUP_SL_36_1-2_08/12/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		62.00 UY	8.90 J	11.00 J	9.80 J	64.00 U	
Gasoline Range Organics (~C4~C12)		2.10 J	1.40 J	6.50 U	5.20 U	3.30 U	
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
1,3-Dichlorobenzene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
2,2-Dichloropropane		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_35_6-8_11/15/10_SO	SUP_SL_35_8-10_11/15/10_SO	SUP_SL_35_10-12_11/15/10_SO	SUP_SL_35_12-14_11/15/10_SO	SUP_SL_35_14-16_11/15/10_SO	SUP_SL_36_1-2_08/12/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Bromochloromethane		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.08
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.33 U	0.31 U	0.32 U	0.26 U	0.16 U	0.35 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_35_6-8_11/15/10_SO	SUP_SL_35_8-10_11/15/10_SO	SUP_SL_35_10-12_11/15/10_SO	SUP_SL_35_12-14_11/15/10_SO	SUP_SL_35_14-16_11/15/10_SO	SUP_SL_36_1-2_08/12/10_SO
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.06 J
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_35_6-8_11/15/10_SO	SUP_SL_35_8-10_11/15/10_SO	SUP_SL_35_10-12_11/15/10_SO	SUP_SL_35_12-14_11/15/10_SO	SUP_SL_35_14-16_11/15/10_SO	SUP_SL_36_1-2_08/12/10_SO
Trimethylbenzene, 1,2,4-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.55
Trimethylbenzene, 1,3,5-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.39
cis-1,3-Dichloropropene		0.03 U	0.03 U	0.03 U	0.02 U	0.01 U	0.03 U
sec-Butylbenzene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.09 B
tert-Amylmethyl ether							
tert-Butylbenzene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
trans-1,3-Dichloropropene		0.03 U	0.03 U	0.03 U	0.02 U	0.01 U	0.03 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.03 J B	0.03 J B	0.03 J B	0.02 J B	0.01 J B	0.01 J
Bromodichloromethane		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Bromoform		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Bromomethane		0.23 U	0.22 U	0.23 U	0.18 U	0.12 U	0.24 U
Carbon Disulfide							
Carbon Tetrachloride		0.03 U	0.03 U	0.03 U	0.03 U	0.02 U	0.04 U
Chlorobenzene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Chloroform		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Chloromethane		0.66 U	0.62 U	0.65 U	0.52 U	0.33 U	0.69 U
Dibromochloromethane		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Dichlorobenzene, 1,4-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Dichloroethane, 1,1-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Dichloroethane, 1,2-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.03 J
Dichloroethylene, 1,1-		0.03 U	0.03 U	0.03 U	0.03 U	0.02 U	0.04 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.03 J
Dichloroethylene, 1,2-trans-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Dichloropropane, 1,2-		0.02 U	0.02 U	0.02 U	0.02 U	0.010 U	0.02 U
Ethyl Chloride		0.66 U	0.62 U	0.65 U	0.52 U	0.33 U	0.69 U
Ethylbenzene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.03 J
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_35_6-8_11/15/10_SO	SUP_SL_35_8-10_11/15/10_SO	SUP_SL_35_10-12_11/15/10_SO	SUP_SL_35_12-14_11/15/10_SO	SUP_SL_35_14-16_11/15/10_SO	SUP_SL_36 1-2_08/12/10_SO
Methylene Chloride		0.03 J	0.03 J	0.03 J	0.02 J	0.01 J	0.07 U
Styrene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Tetrachloroethane, 1,1,2,2-		0.02 U	0.02 U	0.02 U	0.01 U	0.008 U	0.02 U
Tetrachloroethylene		0.03 U	0.03 U	0.03 U	0.03 U	0.02 U	0.008 J
Toluene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.05 J
Trichloroethane, 1,1,1-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.07 U
Trichloroethane, 1,1,2-		0.02 U	0.02 U	0.02 U	0.02 U	0.010 U	0.02 U
Trichloroethylene		0.03 J B	0.03 J B	0.03 J B	0.02 J B	0.01 J B	0.12
Vinyl Chloride		0.01 U	0.01 U	0.01 U	0.01 U	0.007 U	0.01 U
Xylene, o-		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	0.08
Xylenes							
m&p-Xylene		0.03 J	0.06 U	0.07 U	0.05 U	0.03 U	0.09
p-Isopropyltoluene		0.07 U	0.06 U	0.07 U	0.05 U	0.03 U	2.30 B

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 2-4_08/12/10_SO	SUP_SL_36 4-6_08/12/10_SO	SUP_SL_36 6-8_08/12/10_SO	SUP_SL_36 8-10_08/12/10_SO	SUP_SL_36 10-12_08/12/10_SO	SUP_SL_36 12-14_08/12/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		37.00	68.00	100.00	110.00	19.00	61.00
Cadmium		10.00	8.20	0.99	3.50	0.44 J	1.60
Lead and Compounds		1100.00	1000.00	61.00	200.00	37.00	240.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		3.80	1.40	0.09 U	1.00	0.29	0.69
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 2-4_08/12/10_SO	SUP_SL_36 4-6_08/12/10_SO	SUP_SL_36 6-8_08/12/10_SO	SUP_SL_36 8-10_08/12/10_SO	SUP_SL_36 10-12_08/12/10_SO	SUP_SL_36 12-14_08/12/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)			87.00	5.50 J			
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
1,3-Dichlorobenzene		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
2,2-Dichloropropane		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 2-4_08/12/10_SO	SUP_SL_36 4-6_08/12/10_SO	SUP_SL_36 6-8_08/12/10_SO	SUP_SL_36 8-10_08/12/10_SO	SUP_SL_36 10-12_08/12/10_SO	SUP_SL_36 12-14_08/12/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Bromochloromethane		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Cresol, p-chloro-m- Cumene		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Di-n-octyl Phthalate		0.03 J	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.43 U	0.25 U	0.47 U	0.50 U	0.27 U	0.35 U
Dibutyl Phthalate		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.09 U	0.02 J	0.09 U	0.10 U	0.05 U	0.02 J
Dichlorodifluoromethane Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Diethyl Phthalate Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 2-4_08/12/10_SO	SUP_SL_36 4-6_08/12/10_SO	SUP_SL_36 6-8_08/12/10_SO	SUP_SL_36 8-10_08/12/10_SO	SUP_SL_36 10-12_08/12/10_SO	SUP_SL_36 12-14_08/12/10_SO
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.05 J	0.05 U	0.09 U	0.03 J	0.006 J	0.01 J
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 2-4_08/12/10_SO	SUP_SL_36 4-6_08/12/10_SO	SUP_SL_36 6-8_08/12/10_SO	SUP_SL_36 8-10_08/12/10_SO	SUP_SL_36 10-12_08/12/10_SO	SUP_SL_36 12-14_08/12/10_SO
Trimethylbenzene, 1,2,4-		0.47	0.38	0.09 U	0.36	0.05 J	0.15
Trimethylbenzene, 1,3,5-		0.13	0.19	0.09 U	0.18	0.02 J	0.07
cis-1,3-Dichloropropene		0.03 U	0.02 U	0.04 U	0.04 U	0.02 U	0.03 U
sec-Butylbenzene		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
trans-1,3-Dichloropropene		0.03 U	0.02 U	0.04 U	0.04 U	0.02 U	0.03 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.07	0.01 J	0.04 U	0.05	0.02 U	0.01 J
Bromodichloromethane		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Bromoform		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Bromomethane		0.30 U	0.17 U	0.33 U	0.35 U	0.19 U	0.24 U
Carbon Disulfide							
Carbon Tetrachloride		0.04 U	0.03 U	0.05 U	0.05 U	0.03 U	0.04 U
Chlorobenzene		0.09 U	0.05 U	0.09 U	0.10 U	0.01 J	0.01 J
Chloroform		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Chloromethane		0.85 U	0.49 U	0.94 U	1.00 U	0.54 U	0.69 U
Dibromochloromethane		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Dichlorobenzene, 1,4-		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Dichloroethane, 1,1-		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Dichloroethane, 1,2-		0.05 J	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Dichloroethylene, 1,1-		0.04 U	0.03 U	0.05 *U	0.05 U	0.03 U	0.04 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.12	0.006 J	0.09 U	0.02 J	0.05 U	0.010 J
Dichloroethylene, 1,2-trans-		0.03 J	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Dichloropropane, 1,2-		0.03 U	0.02 U	0.03 U	0.03 U	0.02 U	0.02 U
Ethyl Chloride		0.85 U	0.49 U	0.94 U	1.00 U	0.54 U	0.69 U
Ethylbenzene		0.06 J	0.03 J	0.09 U	0.04 J	0.008 J	0.01 J
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 2-4_08/12/10_SO	SUP_SL_36 4-6_08/12/10_SO	SUP_SL_36 6-8_08/12/10_SO	SUP_SL_36 8-10_08/12/10_SO	SUP_SL_36 10-12_08/12/10_SO	SUP_SL_36 12-14_08/12/10_SO
Methylene Chloride		0.09 U	0.005 J	0.09 U	0.10 U	0.05 U	0.07 U
Styrene		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Tetrachloroethane, 1,1,2,2-		0.02 U	0.01 U	0.02 U	0.03 U	0.01 U	0.02 U
Tetrachloroethylene		0.01 J	0.03 U	0.05 U	0.05 U	0.02 J	0.04 U
Toluene		0.12	0.04 J	0.09 U	0.09 J	0.02 J	0.04 J
Trichloroethane, 1,1,1-		0.09 U	0.05 U	0.09 U	0.10 U	0.05 U	0.07 U
Trichloroethane, 1,1,2-		0.03 U	0.02 U	0.03 U	0.03 U	0.02 U	0.02 U
Trichloroethylene		0.34	0.02	0.04 U	0.04	0.007 J	0.04
Vinyl Chloride		0.02 U	0.010 U	0.02 U	0.02 U	0.01 U	0.01 U
Xylene, o-		0.17	0.08	0.09 U	0.12	0.01 J	0.04 J
Xylenes							
m&p-Xylene		0.13	0.08	0.09 U	0.13	0.02 J	0.04 J
p-Isopropyltoluene		0.16 B	0.14 B	0.09 U	0.17 B	0.02 J B	0.08 B

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 14-16_08/12/10_SO	SUP_SL_37 1-2_08/12/10_SO	SUP_SL_37 2-4_08/12/10_SO	SUP_SL_37 4-6_08/12/10_SO	SUP_SL_37 6-8_08/12/10_SO	SUP_SL_37 8-10_08/12/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		6.80	64.00	39.00	550.00	77.00	25.00
Cadmium		0.44	2.70	11.00	3.20	0.58	0.66 J
Lead and Compounds		21.00	410.00 ^	1500.00 ^	360.00 ^	11.00	9.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.05 U		2.40	1.80	0.08 U	0.08 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 14-16_08/12/10_SO	SUP_SL_37 1-2_08/12/10_SO	SUP_SL_37 2-4_08/12/10_SO	SUP_SL_37 4-6_08/12/10_SO	SUP_SL_37 6-8_08/12/10_SO	SUP_SL_37 8-10_08/12/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)					31.00		
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
1,3-Dichlorobenzene		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
2,2-Dichloropropane		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 14-16_08/12/10_SO	SUP_SL_37 1-2_08/12/10_SO	SUP_SL_37 2-4_08/12/10_SO	SUP_SL_37 4-6_08/12/10_SO	SUP_SL_37 6-8_08/12/10_SO	SUP_SL_37 8-10_08/12/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Bromochloromethane		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Cresol, p-chloro-m- Cumene		0.05 U		0.19	0.06	0.08 U	0.08 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.26 U		0.42 U	0.24 U	0.37 U	0.41 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.05 U		0.01 J	0.05 U	0.08 U	0.08 U
Dichlorodifluoromethane		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 14-16_08/12/10_SO	SUP_SL_37 1-2_08/12/10_SO	SUP_SL_37 2-4_08/12/10_SO	SUP_SL_37 4-6_08/12/10_SO	SUP_SL_37 6-8_08/12/10_SO	SUP_SL_37 8-10_08/12/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene		0.05 U		0.25	0.11	0.08 U	0.08 U
Tetrachloroethane, 1,1,1,2-		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Trichlorobenzene, 1,2,4-		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Trichlorofluoromethane		0.05 U		0.30	0.03 J	0.08 U	0.08 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 14-16_08/12/10_SO	SUP_SL_37 1-2_08/12/10_SO	SUP_SL_37 2-4_08/12/10_SO	SUP_SL_37 4-6_08/12/10_SO	SUP_SL_37 6-8_08/12/10_SO	SUP_SL_37 8-10_08/12/10_SO
Trimethylbenzene, 1,2,4-		0.05 U		1.70	0.70	0.08 U	0.08 U
Trimethylbenzene, 1,3,5-		0.05 U		0.69	0.27	0.08 U	0.08 U
cis-1,3-Dichloropropene		0.02 U		0.03 U	0.02 U	0.03 U	0.03 U
sec-Butylbenzene		0.05 U		0.06 J	0.03 J	0.08 U	0.08 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.05 U		0.02 J	0.05 U	0.08 U	0.08 U
trans-1,3-Dichloropropene		0.02 U		0.03 U	0.02 U	0.03 U	0.03 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 U		0.06	0.02 J	0.03 U	0.03 U
Bromodichloromethane		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Bromoform		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Bromomethane		0.18 U		0.30 U	0.17 U	0.26 U	0.29 U
Carbon Disulfide							
Carbon Tetrachloride		0.03 U		0.04 U	0.02 U	0.04 U	0.04 U
Chlorobenzene		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Chloroform		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Chloromethane		0.53 U		0.85 U	0.48 U	0.75 U	0.83 U
Dibromochloromethane		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Dichlorobenzene, 1,4-		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Dichloroethane, 1,1-		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Dichloroethane, 1,2-		0.05 U		0.04 J	0.05 U	0.08 U	0.08 U
Dichloroethylene, 1,1-		0.03 *U		0.04 U	0.01 J	0.04 U	0.04 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.05 U		18.00	8.60	0.08 U	0.08 U
Dichloroethylene, 1,2-trans-		0.05 U		2.80	1.90	0.08 U	0.08 U
Dichloropropane, 1,2-		0.02 U		0.03 U	0.01 U	0.02 U	0.03 U
Ethyl Chloride		0.53 U		0.85 U	0.48 U	0.75 U	0.83 U
Ethylbenzene		0.05 U		0.08 J	0.03 J	0.08 U	0.08 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_36 14-16_08/12/10_SO	SUP_SL_37 1-2_08/12/10_SO	SUP_SL_37 2-4_08/12/10_SO	SUP_SL_37 4-6_08/12/10_SO	SUP_SL_37 6-8_08/12/10_SO	SUP_SL_37 8-10_08/12/10_SO
Methylene Chloride		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Styrene		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Tetrachloroethane, 1,1,2,2-		0.01 U		0.02 U	0.01 U	0.02 U	0.02 U
Tetrachloroethylene		0.03 U		0.03 J	0.01 J	0.04 U	0.04 U
Toluene		0.05 U		0.11	0.04 J	0.006 J	0.008 J
Trichloroethane, 1,1,1-		0.05 U		0.09 U	0.05 U	0.08 U	0.08 U
Trichloroethane, 1,1,2-		0.02 U		0.03 U	0.01 U	0.02 U	0.03 U
Trichloroethylene		0.02 U		1.00	0.36	0.03 U	0.03 U
Vinyl Chloride		0.01 U		0.25	0.03	0.02 U	0.02 U
Xylene, o-		0.05 U		0.45	0.14	0.08 U	0.08 U
Xylenes							
m&p-Xylene		0.05 U		0.41	0.12	0.08 U	0.08 U
p-Isopropyltoluene		0.05 U		0.73	0.28	0.08 U	0.007 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_37 10-12_08/12/10_SO	SUP_SL_37 12-14_08/12/10_SO	SUP_SL_37 14-16_08/12/10_SO	SUP_SL_38 1-2_08/12/10_SO	SUP_SL_38 2-4_08/12/10_SO	SUP_SL_38 4-6_08/12/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		6.50	1.60 J	38.00	5.80	1.70 J	1.90 J
Cadmium		0.43 J	0.42	0.57	0.20 J	0.18 J	0.65 U
Lead and Compounds		6.40	2.90	36.00	28.00	25.00	18.00
Mercury (elemental)							
Nickel Refinery Dust					270.00 B	250.00 B	1100.00 B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_37 10-12_08/12/10_SO	SUP_SL_37 12-14_08/12/10_SO	SUP_SL_37 14-16_08/12/10_SO	SUP_SL_38 1-2_08/12/10_SO	SUP_SL_38 2-4_08/12/10_SO	SUP_SL_38 4-6_08/12/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)					97.00 UY	150.00 UY	550.00
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							
1,3-Dichlorobenzene							
2,2-Dichloropropane							
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_37 10-12_08/12/10_SO	SUP_SL_37 12-14_08/12/10_SO	SUP_SL_37 14-16_08/12/10_SO	SUP_SL_38 1-2_08/12/10_SO	SUP_SL_38 2-4_08/12/10_SO	SUP_SL_38 4-6_08/12/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							
Bromochloromethane							
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							
Chlorotoluene, p-							
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							
Dibromoethane, 1,2-							
Dibromomethane (Methylene Bromide)							
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_37 10-12_08/12/10_SO	SUP_SL_37 12-14_08/12/10_SO	SUP_SL_37 14-16_08/12/10_SO	SUP_SL_38 1-2_08/12/10_SO	SUP_SL_38 2-4_08/12/10_SO	SUP_SL_38 4-6_08/12/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene							
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene							
Tetrachloroethane, 1,1,1,2-							
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-							
Trichlorobenzene, 1,2,4-							
Trichlorofluoromethane							
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_37 10-12_08/12/10_SO	SUP_SL_37 12-14_08/12/10_SO	SUP_SL_37 14-16_08/12/10_SO	SUP_SL_38 1-2_08/12/10_SO	SUP_SL_38 2-4_08/12/10_SO	SUP_SL_38 4-6_08/12/10_SO
Trimethylbenzene, 1,2,4-							
Trimethylbenzene, 1,3,5-							
cis-1,3-Dichloropropene							
sec-Butylbenzene							
tert-Amylmethyl ether							
tert-Butylbenzene							
trans-1,3-Dichloropropene							
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroform							
Chloromethane							
Dibromochloromethane							
Dichlorobenzene, 1,4-							
Dichloroethane, 1,1-							
Dichloroethane, 1,2-							
Dichloroethylene, 1,1-							
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-							
Dichloroethylene, 1,2-trans-							
Dichloropropane, 1,2-							
Ethyl Chloride							
Ethylbenzene							
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_37 10-12_08/12/10_SO	SUP_SL_37 12-14_08/12/10_SO	SUP_SL_37 14-16_08/12/10_SO	SUP_SL_38 1-2_08/12/10_SO	SUP_SL_38 2-4_08/12/10_SO	SUP_SL_38 4-6_08/12/10_SO
Methylene Chloride							
Styrene							
Tetrachloroethane, 1,1,2,2-							
Tetrachloroethylene							
Toluene							
Trichloroethane, 1,1,1-							
Trichloroethane, 1,1,2-							
Trichloroethylene							
Vinyl Chloride							
Xylene, o-							
Xylenes							
m&p-Xylene							
p-Isopropyltoluene							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_38 6-8_08/12/10_SO	SUP_SL_38 8-10_08/12/10_SO	SUP_SL_38 10-12_08/12/10_SO	SUP_SL_38 12-14_08/12/10_SO	SUP_SL_38 14-16_08/12/10_SO	SUP_SL_39_1-2_11/15/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		11.00	4.00 J	5.10	5.90	7.20	3.10 U
Cadmium		0.13 J	0.41 J	0.34 J	0.50	0.39 J	0.51 U
Lead and Compounds		29.00	7.60	18.00	4.90	8.20	12.00
Mercury (elemental)							
Nickel Refinery Dust		88.00 B	32.00 J B	660.00 B	57.00 J B	140.00 B	57.00 B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							0.04 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_38 6-8_08/12/10_SO	SUP_SL_38 8-10_08/12/10_SO	SUP_SL_38 10-12_08/12/10_SO	SUP_SL_38 12-14_08/12/10_SO	SUP_SL_38 14-16_08/12/10_SO	SUP_SL_39 1-2_11/15/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		16.00 J	8.20 J	130.00 UY	14.00 J	19.00 J	22.00 J
Gasoline Range Organics (~C4~C12)							4.40 U
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							0.04 U
1,3-Dichlorobenzene							0.04 U
2,2-Dichloropropane							0.04 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_38 6-8_08/12/10_SO	SUP_SL_38 8-10_08/12/10_SO	SUP_SL_38 10-12_08/12/10_SO	SUP_SL_38 12-14_08/12/10_SO	SUP_SL_38 14-16_08/12/10_SO	SUP_SL_39_1-2_11/15/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							0.04 U
Bromochloromethane							0.04 U
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							0.04 U
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							0.04 U
Chlorotoluene, p-							0.04 U
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							0.04 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							0.22 U
Dibromoethane, 1,2-							0.04 U
Dibromomethane (Methylene Bromide)							0.04 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							0.04 U
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							0.04 U
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							0.04 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_38 6-8_08/12/10_SO	SUP_SL_38 8-10_08/12/10_SO	SUP_SL_38 10-12_08/12/10_SO	SUP_SL_38 12-14_08/12/10_SO	SUP_SL_38 14-16_08/12/10_SO	SUP_SL_39 1-2_11/15/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene							0.04 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene							0.04 U
Tetrachloroethane, 1,1,1,2-							0.04 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-							0.04 U
Trichlorobenzene, 1,2,4-							0.04 U
Trichlorofluoromethane							0.04 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-							0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_38 6-8_08/12/10_SO	SUP_SL_38 8-10_08/12/10_SO	SUP_SL_38 10-12_08/12/10_SO	SUP_SL_38 12-14_08/12/10_SO	SUP_SL_38 14-16_08/12/10_SO	SUP_SL_39 1-2_11/15/10_SO
Trimethylbenzene, 1,2,4-							0.04 U
Trimethylbenzene, 1,3,5-							0.04 U
cis-1,3-Dichloropropene							0.02 U
sec-Butylbenzene							0.04 U
tert-Amylmethyl ether							
tert-Butylbenzene							0.04 U
trans-1,3-Dichloropropene							0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene							0.02 J B
Bromodichloromethane							0.04 U
Bromoform							0.04 U
Bromomethane							0.15 U
Carbon Disulfide							
Carbon Tetrachloride							0.02 U
Chlorobenzene							0.04 U
Chloroform							0.04 U
Chloromethane							0.44 U
Dibromochloromethane							0.04 U
Dichlorobenzene, 1,4-							0.04 U
Dichloroethane, 1,1-							0.04 U
Dichloroethane, 1,2-							0.04 U
Dichloroethylene, 1,1-							0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-							0.04 U
Dichloroethylene, 1,2-trans-							0.04 U
Dichloropropane, 1,2-							0.01 U
Ethyl Chloride							0.44 U
Ethylbenzene							0.04 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_38 6-8_08/12/10_SO	SUP_SL_38 8-10_08/12/10_SO	SUP_SL_38 10-12_08/12/10_SO	SUP_SL_38 12-14_08/12/10_SO	SUP_SL_38 14-16_08/12/10_SO	SUP_SL_39 1-2_11/15/10_SO
Methylene Chloride							0.02 J
Styrene							0.04 U
Tetrachloroethane, 1,1,2,2-							0.01 U
Tetrachloroethylene							0.02 U
Toluene							0.04 U
Trichloroethane, 1,1,1-							0.04 U
Trichloroethane, 1,1,2-							0.01 U
Trichloroethylene							0.02 J B
Vinyl Chloride							0.009 U
Xylene, o-							0.04 U
Xylenes							
m&p-Xylene							0.04 U
p-Isopropyltoluene							0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_2-4_11/15/10_SO	SUP_SL_39_4-6_11/15/10_SO	SUP_SL_39_6-8_11/15/10_SO	SUP_SL_39_8-10_11/15/10_SO	SUP_SL_39_10-12_11/15/10_SO	SUP_SL_39_12-14_11/15/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		3.00 U	0.53 J	3.10 U	48.00	510.00	1300.00
Cadmium		0.51 U	0.51 U	0.52 U	0.59 U	0.61 U	0.56 U
Lead and Compounds		17.00	16.00	26.00	55.00	70.00	10.25
Mercury (elemental)							
Nickel Refinery Dust		61.00 UBY	260.00 B	220.00 UBY	290.00 UBY	68.00 J B	72.00 B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 J B	0.04 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_2-4_11/15/10_SO	SUP_SL_39_4-6_11/15/10_SO	SUP_SL_39_6-8_11/15/10_SO	SUP_SL_39_8-10_11/15/10_SO	SUP_SL_39_10-12_11/15/10_SO	SUP_SL_39_12-14_11/15/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		74.00 UY	33.00	140.00 UY	220.00 UY	11.00 J	18.00 J
Gasoline Range Organics (~C4~C12)		4.50 U	4.90 U	1.50 J	3.80 J	4.80 U	3.80 U
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
1,3-Dichlorobenzene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
2,2-Dichloropropane		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_2-4_11/15/10_SO	SUP_SL_39_4-6_11/15/10_SO	SUP_SL_39_6-8_11/15/10_SO	SUP_SL_39_8-10_11/15/10_SO	SUP_SL_39_10-12_11/15/10_SO	SUP_SL_39_12-14_11/15/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Bromochloromethane		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Cresol, p-chloro-m- Cumene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.22 U	0.25 U	0.23 U	0.21 U	0.24 U	0.19 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_2-4_11/15/10_SO	SUP_SL_39_4-6_11/15/10_SO	SUP_SL_39_6-8_11/15/10_SO	SUP_SL_39_8-10_11/15/10_SO	SUP_SL_39_10-12_11/15/10_SO	SUP_SL_39_12-14_11/15/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Tetrachloroethane, 1,1,1,2-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Trichlorobenzene, 1,2,4-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Trichlorofluoromethane		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_2-4_11/15/10_SO	SUP_SL_39_4-6_11/15/10_SO	SUP_SL_39_6-8_11/15/10_SO	SUP_SL_39_8-10_11/15/10_SO	SUP_SL_39_10-12_11/15/10_SO	SUP_SL_39_12-14_11/15/10_SO
Trimethylbenzene, 1,2,4-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Trimethylbenzene, 1,3,5-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
cis-1,3-Dichloropropene		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
sec-Butylbenzene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
trans-1,3-Dichloropropene		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 U	0.02 U	0.02 J B	0.02 J B	0.02 J B	0.02 U
Bromodichloromethane		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Bromoform		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Bromomethane		0.16 U	0.17 U	0.16 U	0.15 U	0.17 U	0.13 U
Carbon Disulfide							
Carbon Tetrachloride		0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
Chlorobenzene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Chloroform		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Chloromethane		0.45 U	0.49 U	0.45 U	0.42 U	0.48 U	0.38 U
Dibromochloromethane		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Dichlorobenzene, 1,4-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Dichloroethane, 1,1-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Dichloroethane, 1,2-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Dichloroethylene, 1,1-		0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Dichloroethylene, 1,2-trans-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Dichloropropane, 1,2-		0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Ethyl Chloride		0.45 U	0.49 U	0.45 U	0.42 U	0.48 U	0.38 U
Ethylbenzene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_2-4_11/15/10_SO	SUP_SL_39_4-6_11/15/10_SO	SUP_SL_39_6-8_11/15/10_SO	SUP_SL_39_8-10_11/15/10_SO	SUP_SL_39_10-12_11/15/10_SO	SUP_SL_39_12-14_11/15/10_SO
Methylene Chloride		0.02 J	0.02 J	0.02 J	0.03 J	0.03 J	0.03 J
Styrene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Tetrachloroethane, 1,1,2,2-		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.010 U
Tetrachloroethylene		0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U
Toluene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Trichloroethane, 1,1,1-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Trichloroethane, 1,1,2-		0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Trichloroethylene		0.02 J B	0.02 J B	0.02 J B	0.02 J B	0.02 J B	0.02 J B
Vinyl Chloride		0.009 U	0.010 U	0.009 U	0.008 U	0.010 U	0.008 U
Xylene, o-		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
Xylenes							
m&p-Xylene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U
p-Isopropyltoluene		0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_14-16_11/15/10_SO	SUP_SL_4 2-4_08/11/10_SO	SUP_SL_4 4-6_08/11/10_SO	SUP_SL_4 6-8_08/11/10_SO	SUP_SL_4 8-10_08/11/10_SO	SUP_SL_4 10-12_08/11/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran			0.10 U	0.09 J	0.24 J	0.15 U	0.005 J
Metals (mg/kg)							
Arsenic, Inorganic		280.00	480.00 ^	100.00 ^	3700.00 ^	1000.00 ^	1100.00 ^
Cadmium		0.50 U	1.20	0.45	1.80	0.52 J	0.55 J
Lead and Compounds		2.10	550.00 ^ B	140.00 ^ B	3500.00 ^ B	1300.00 ^ B	1800.00 ^ B
Mercury (elemental)							
Nickel Refinery Dust		59.00 J B ^					
Polycyclic Aromatic Hydrocarbons							
Acenaphthene			0.02 U	0.13	0.30	0.03 U	0.01 J
Anthracene			0.005 J	0.14	0.22	0.03 U	0.01 J
Benz[a]anthracene			0.02 J	0.29	0.47	0.02 J	0.04
Benzo[a]pyrene			0.03	0.35	0.35	0.01 J	0.05
Benzo[b]fluoranthene			0.03	0.49	0.55	0.03 U	0.06
Benzo[k]fluoranthene			0.01 J	0.14	0.16	0.04 U	0.02 J
Chrysene			0.03	0.41	0.89	0.007 J	0.05
Dibenz[a,h]anthracene			0.04 U	0.07	0.25 U	0.06 U	0.06 U
Fluoranthene			0.02 J	0.71	0.87	0.02 J	0.08
Fluorene			0.02 U	0.13	0.37	0.03 U	0.009 J
Indeno[1,2,3-cd]pyrene			0.04 U	0.23	0.17 J	0.06 U	0.05 J
Methylnaphthalene, 1-			0.002 J	0.06	0.18 J	0.05 U	0.008 J
Methylnaphthalene, 2-			0.004 J	0.07	0.29	0.03 U	0.007 J
Naphthalene		0.04 U	0.004 J	0.06	0.49	0.004 J	0.01 J
Pyrene			0.02	0.61	0.61	0.02 J	0.10
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_14-16_11/15/10_SO	SUP_SL_4 2-4_08/11/10_SO	SUP_SL_4 4-6_08/11/10_SO	SUP_SL_4 6-8_08/11/10_SO	SUP_SL_4 8-10_08/11/10_SO	SUP_SL_4 10-12_08/11/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		12.00 J					
Gasoline Range Organics (~C4~C12)		3.50 U					
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
1,3-Dichlorobenzene		0.04 U	0.05 U	0.05 U	0.31 U	0.11 U	0.11 U
2,2-Dichloropropane		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Acenaphthylene			0.02 U	0.02 U	0.13 U	0.03 U	0.03 U
Benzo(g,h,i)perylene			0.04	0.28	0.15 J	0.04 U	0.05
Benzoic Acid			2.60 U	2.60 U	16.00 U	3.70 U	3.90 U
Benzyl Alcohol			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Bis(2-chloro-1-methylethyl) ether			0.16 U	0.15 U	0.94 U	0.22 U	0.24 U
Bis(2-chloroethoxy)methane			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_14-16_11/15/10_SO	SUP_SL_4 2-4_08/11/10_SO	SUP_SL_4 4-6_08/11/10_SO	SUP_SL_4 6-8_08/11/10_SO	SUP_SL_4 8-10_08/11/10_SO	SUP_SL_4 10-12_08/11/10_SO
Bis(2-chloroethyl)ether			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Bis(2-ethylhexyl)phthalate			1.60 U	1.50 U	9.40 U	2.20 U	2.40 U
Bromobenzene		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Bromochloromethane		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Bromophenylphenylether, 4-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Butyl Benzyl Phthlate			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Butylbenzene, n-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Carbazole			0.16 U	0.08 J	0.04 J	0.22 U	0.007 J
Chloroaniline, p-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Chloronaphthalene, Beta-			0.02 U	0.02 U	0.13 U	0.03 U	0.03 U
Chlorophenol, 2-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Chlorophenylphenylether, 4-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Chlorotoluene, o-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Chlorotoluene, p-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Cresol, o-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Cresol, p-chloro-m-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Cumene		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Di-n-octyl Phthalate			0.21 U	0.21 U	1.30 U	0.30 U	0.31 U
Dibromo-3-chloropropane, 1,2-		0.17 U	0.24 U	0.25 U	1.50 U	0.53 U	0.55 U
Dibromoethane, 1,2-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Dibromomethane (Methylene Bromide)		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Dibutyl Phthalate			0.21 U	0.21 U	1.30 U	0.30 U	0.31 U
Dichlorobenzene, 1,2-		0.04 U	0.05 U	0.05 U	0.31 U	0.11 U	0.11 U
Dichlorobenzidine, 3,3'-			0.21 U	0.21 U	1.30 U	0.30 U	0.31 U
Dichlorodifluoromethane		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Dichlorophenol, 2,4-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Dichloropropane, 1,3-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Diethyl Phthalate			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Dimethyl Phthalate			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Dimethylphenol, 2,4-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Dinitro-o-cresol, 4,6-			1.00 U	1.00 U	6.30 U	1.50 U	1.60 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_14-16_11/15/10_SO	SUP_SL_4 2-4_08/11/10_SO	SUP_SL_4 4-6_08/11/10_SO	SUP_SL_4 6-8_08/11/10_SO	SUP_SL_4 8-10_08/11/10_SO	SUP_SL_4 10-12_08/11/10_SO
Dinitrophenol, 2,4-			1.00 U	1.00 U	6.30 U	1.50 U	1.60 U
Dinitrotoluene, 2,4-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Dinitrotoluene, 2,6-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Hexachlorobenzene			0.05 U	0.05 U	0.31 U	0.08 U	0.08 U
Hexachlorobutadiene		0.04 U	0.05 U	0.05 U	0.31 U	0.11 U	0.11 U
Hexachlorocyclopentadiene			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Hexachloroethane			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Isophorone			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-			0.21 U	0.03 J	0.16 J	0.30 U	0.31 U
Nitroaniline, 2-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Nitroaniline, 3-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Nitroaniline, 4-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Nitrobenzene			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Nitrophenol, 2-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Nitrophenol, 4-			1.00 U	1.00 U	6.30 U	1.50 U	1.60 U
Nitroso-di-N-propylamine, N-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Nitrosodiphenylamine, N-			0.05 U	0.05 U	0.31 U	0.08 U	0.08 U
Pentachlorophenol							
Phenanthrene			0.01 J	0.67	1.20	0.03 U	0.05
Phenol			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Propyl benzene		0.04 U	0.05 U	0.05 U	0.04 J	0.11 U	0.11 U
Tetrachloroethane, 1,1,1,2-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Trichlorobenzene, 1,2,4-		0.04 U	0.05 U	0.05 U	0.31 U	0.11 U	0.11 U
Trichlorofluoromethane		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Trichlorophenol, 2,4,5-			0.10 U	0.10 U	0.63 U	0.15 U	0.16 U
Trichlorophenol, 2,4,6-			0.16 U	0.15 U	0.94 U	0.22 U	0.24 U
Trichloropropane, 1,2,3-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_14-16_11/15/10_SO	SUP_SL_4 2-4_08/11/10_SO	SUP_SL_4 4-6_08/11/10_SO	SUP_SL_4 6-8_08/11/10_SO	SUP_SL_4 8-10_08/11/10_SO	SUP_SL_4 10-12_08/11/10_SO
Trimethylbenzene, 1,2,4-		0.04 U	0.05 U	0.05 U	0.18 J	0.11 U	0.11 U
Trimethylbenzene, 1,3,5-		0.04 U	0.05 U	0.05 U	0.07 J	0.11 U	0.11 U
cis-1,3-Dichloropropene		0.01 U	0.02 U	0.02 U	0.12 U	0.04 U	0.04 U
sec-Butylbenzene		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
trans-1,3-Dichloropropene		0.01 U	0.02 U	0.02 U	0.12 U	0.04 U	0.04 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.01 U	0.02 U	0.02 U	0.04 J	0.04 U	0.04 U
Bromodichloromethane		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Bromoform		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Bromomethane		0.12 U	0.17 U	0.17 U	1.10 U	0.37 U	0.39 U
Carbon Disulfide							
Carbon Tetrachloride		0.02 U	0.02 U	0.03 U	0.15 U	0.05 U	0.06 U
Chlorobenzene		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Chloroform		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Chloromethane		0.35 U	0.49 U	0.50 U	3.00 U	1.10 U	1.10 U
Dibromochloromethane		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Dichlorobenzene, 1,4-		0.04 U	0.05 U	0.05 U	0.31 U	0.11 U	0.11 U
Dichloroethane, 1,1-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Dichloroethane, 1,2-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Dichloroethylene, 1,1-		0.02 U	0.02 U	0.03 U	0.15 U	0.05 U	0.06 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.04 U	0.05 U	0.05 U	0.16 J	0.11 U	0.11 U
Dichloroethylene, 1,2-trans-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Dichloropropane, 1,2-		0.01 U	0.02 U	0.02 U	0.09 U	0.03 U	0.03 U
Ethyl Chloride		0.35 U	0.49 U	0.50 U	3.00 U	1.10 U	1.10 U
Ethylbenzene		0.04 U	0.05 U	0.05 U	0.06 J	0.11 U	0.11 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_39_14-16_11/15/10_SO	SUP_SL_4 2-4_08/11/10_SO	SUP_SL_4 4-6_08/11/10_SO	SUP_SL_4 6-8_08/11/10_SO	SUP_SL_4 8-10_08/11/10_SO	SUP_SL_4 10-12_08/11/10_SO
Methylene Chloride		0.02 J	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Styrene		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Tetrachloroethane, 1,1,2,2-		0.009 U	0.01 U	0.01 U	0.08 U	0.03 U	0.03 U
Tetrachloroethylene		0.02 U	0.02 U	0.03 U	0.15 U	0.05 U	0.06 U
Toluene		0.04 U	0.05 U	0.05 U	0.19 J	0.02 J	0.03 J
Trichloroethane, 1,1,1-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Trichloroethane, 1,1,2-		0.01 U	0.02 U	0.02 U	0.09 U	0.03 U	0.03 U
Trichloroethylene		0.01 J B	0.02 U	0.02 U	0.12 U	0.04 U	0.04 U
Vinyl Chloride		0.007 U	0.010 U	0.01 U	0.06 U	0.02 U	0.02 U
Xylene, o-		0.04 U	0.05 U	0.05 U	0.30 U	0.11 U	0.11 U
Xylenes							
m&p-Xylene		0.04 U	0.05 U	0.05 U	0.13 J	0.11 U	0.11 U
p-Isopropyltoluene		0.04 U	0.05 U	0.04 J	0.34	0.11 U	0.12

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4 12-14_08/11/10_SO	SUP_SL_4 14-16_08/11/10_SO	SUP_SL_4 2-4_RS_11/16/10_SO	SUP_SL_4 4-6_RS_11/16/10_SO	SUP_SL_4 6-8_RS_11/16/10_SO	SUP_SL_4 8-10_RS_11/16/10_S
Dioxins/Furans (mg/kg)							
Dibenzofuran		0.14 U		0.03 J			
Metals (mg/kg)							
Arsenic, Inorganic		32.00 ^		29.00 ^			
Cadmium		0.26 J		0.18 J			
Lead and Compounds		6.40 ^ B		29.00 ^ B			
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene		0.03 U		0.05			
Anthracene		0.03 U		0.006 J			
Benz[a]anthracene		0.03 U		0.009 J			
Benzo[a]pyrene		0.04 U		0.03 U			
Benzo[b]fluoranthene		0.03 U		0.02 U			
Benzo[k]fluoranthene		0.03 U		0.03 U			
Chrysene		0.03 U		0.006 J			
Dibenz[a,h]anthracene		0.06 U		0.04 U			
Fluoranthene		0.03 U		0.008 J			
Fluorene		0.03 U		0.05			
Indeno[1,2,3-cd]pyrene		0.06 U		0.04 U			
Methylnaphthalene, 1-		0.04 U		0.23			
Methylnaphthalene, 2-		0.03 U		0.30			
Naphthalene		2.10		4.10			
Pyrene		0.03 U		0.010 J			
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4 12-14_08/11/10_SO	SUP_SL_4 14-16_08/11/10_SO	SUP_SL_4 2-4_RS_11/16/10_SO	SUP_SL_4 4-6_RS_11/16/10_SO	SUP_SL_4 6-8_RS_11/16/10_SO	SUP_SL_4 8-10_RS_11/16/10_S
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.07 U		0.05 U			
1,3-Dichlorobenzene		0.07 U		0.06 U			
2,2-Dichloropropane		0.07 U		0.05 U			
Acenaphthylene		0.03 U		0.02 U			
Benzo(g,h,i)perylene		0.03 U		0.03 U			
Benzoic Acid		3.40 U		2.80 U			
Benzyl Alcohol		0.14 U		0.11 U			
Bis(2-chloro-1-methylethyl) ether		0.21 U		0.17 U			
Bis(2-chloroethoxy)methane		0.14 U		0.11 U			

On-Site Soil RI Soil Samples

Constituent	Sample ID:		
		SUP_SL_4 12-14_08/11/10_SO	SUP_SL_4 14-16_08/11/10_SO
Bis(2-chloroethyl)ether		0.14 U	0.11 U
Bis(2-ethylhexyl)phthalate		2.10 U	1.70 U
Bromobenzene		0.07 U	0.05 U
Bromochloromethane		0.07 U	0.05 U
Bromophenylphenylether, 4-		0.14 U	0.11 U
Butyl Benzyl Phthlate		0.14 U	0.11 U
Butylbenzene, n-		0.07 U	0.05 U
Carbazole		0.21 U	0.007 J
Chloroaniline, p-		0.14 U	0.11 U
Chloronaphthalene, Beta-		0.03 U	0.02 U
Chlorophenol, 2-		0.14 U	0.11 U
Chlorophenylphenylether, 4-		0.14 U	0.11 U
Chlorotoluene, o-		0.07 U	0.05 U
Chlorotoluene, p-		0.07 U	0.05 U
Cresol, o-		0.14 U	0.11 U
Cresol, p-chloro-m-		0.14 U	0.11 U
Cumene		0.07 U	0.02 J
Di-n-octyl Phthalate		0.28 U	0.22 U
Dibromo-3-chloropropane, 1,2-		0.33 U	0.24 U
Dibromoethane, 1,2-		0.07 U	0.05 U
Dibromomethane (Methylene Bromide)		0.07 U	0.05 U
Dibutyl Phthalate		0.28 U	0.22 U
Dichlorobenzene, 1,2-		0.07 U	0.06 U
Dichlorobenzidine, 3,3'-		0.28 U	0.22 U
Dichlorodifluoromethane		0.07 U	0.05 U
Dichlorophenol, 2,4-		0.14 U	0.11 U
Dichloropropane, 1,3-		0.07 U	0.05 U
Diethyl Phthalate		0.14 U	0.11 U
Dimethyl Phthalate		0.14 U	0.11 U
Dimethylphenol, 2,4-		0.14 U	0.11 U
Dinitro-o-cresol, 4,6-		1.40 U	1.10 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4 12-14_08/11/10_SO	SUP_SL_4 14-16_08/11/10_SO	SUP_SL_4 2-4_RS_11/16/10_SO	SUP_SL_4 4-6_RS_11/16/10_SO	SUP_SL_4 6-8_RS_11/16/10_SO	SUP_SL_4 8-10_RS_11/16/10_S
Dinitrophenol, 2,4-		1.40 U	1.10 U				
Dinitrotoluene, 2,4-		0.14 U	0.11 U				
Dinitrotoluene, 2,6-		0.14 U	0.11 U				
Hexachlorobenzene		0.07 U	0.06 U				
Hexachlorobutadiene		0.07 U	0.06 U				
Hexachlorocyclopentadiene		0.14 U	0.11 U				
Hexachloroethane		0.14 U	0.11 U				
Isophorone		0.14 U	0.11 U				
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-		0.28 U	0.22 U				
Nitroaniline, 2-		0.14 U	0.11 U				
Nitroaniline, 3-		0.14 U	0.11 U				
Nitroaniline, 4-		0.14 U	0.11 U				
Nitrobenzene		0.14 U	0.11 U				
Nitrophenol, 2-		0.14 U	0.11 U				
Nitrophenol, 4-		1.40 U	1.10 U				
Nitroso-di-N-propylamine, N-		0.14 U	0.11 U				
Nitrosodiphenylamine, N-		0.07 U	0.06 U				
Pentachlorophenol				0.23 U	0.24 U	0.28 U	0.35 U
Phenanthrene		0.03 U	0.03				
Phenol		0.14 U	0.11 U				
Propyl benzene		0.01 J	0.02 J				
Tetrachloroethane, 1,1,1,2-		0.07 U	0.05 U				
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.07 U	0.05 U				
Trichlorobenzene, 1,2,4-		0.07 U	0.06 U				
Trichlorofluoromethane		0.07 U	0.05 U				
Trichlorophenol, 2,4,5-		0.14 U	0.11 U				
Trichlorophenol, 2,4,6-		0.21 U	0.17 U				
Trichloropropane, 1,2,3-		0.07 U	0.05 U				

On-Site Soil RI Soil Samples

Constituent	Sample ID:		
		SUP_SL_4 12-14_08/11/10_SO	SUP_SL_4 14-16_08/11/10_SO SUP_SL_4 2-4_RS_11/16/10_SO SUP_SL_4 4-6_RS_11/16/10_SO SUP_SL_4 6-8_RS_11/16/10_SO SUP_SL_4 8-10_RS_11/16/10_S
Trimethylbenzene, 1,2,4-		0.06 J	0.12
Trimethylbenzene, 1,3,5-		0.02 J	0.03 J
cis-1,3-Dichloropropene		0.03 U	0.02 U
sec-Butylbenzene		0.07 U	0.05 U
tert-Amylmethyl ether			
tert-Butylbenzene		0.07 U	0.05 U
trans-1,3-Dichloropropene		0.03 U	0.02 U
Volatile Organic Compounds (mg/kg)			
Acetone			
Benzene		0.005 J	0.02 U
Bromodichloromethane		0.07 U	0.05 U
Bromoform		0.07 U	0.05 U
Bromomethane		0.23 U	0.17 U
Carbon Disulfide			
Carbon Tetrachloride		0.03 U	0.02 U
Chlorobenzene		0.07 U	0.05 U
Chloroform		0.07 U	0.05 U
Chloromethane		0.65 U	0.49 U
Dibromochloromethane		0.07 U	0.05 U
Dichlorobenzene, 1,4-		0.07 U	0.06 U
Dichloroethane, 1,1-		0.07 U	0.05 U
Dichloroethane, 1,2-		0.07 U	0.05 U
Dichloroethylene, 1,1-		0.03 U	0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)			
Dichloroethylene, 1,2-cis-		0.07 U	0.05 U
Dichloroethylene, 1,2-trans-		0.07 U	0.05 U
Dichloropropane, 1,2-		0.02 U	0.02 U
Ethyl Chloride		0.65 U	0.49 U
Ethylbenzene		0.04 J	0.10
Hexanone, 2-			
Methyl Ethyl Ketone (2-Butanone)			

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4 12-14_08/11/10_SO SUP_SL_4 14-16_08/11/10_SO SUP_SL_4 2-4_RS_11/16/10_SO SUP_SL_4 4-6_RS_11/16/10_SO SUP_SL_4 6-8_RS_11/16/10_SO SUP_SL_4 8-10_RS_11/16/10_S					
Methylene Chloride		0.07 U	0.05 U				
Styrene		0.07 U	0.05 U				
Tetrachloroethane, 1,1,2,2-		0.02 U	0.01 U				
Tetrachloroethylene		0.03 U	0.02 U				
Toluene		0.007 J	0.05 U				
Trichloroethane, 1,1,1-		0.07 U	0.05 U				
Trichloroethane, 1,1,2-		0.02 U	0.02 U				
Trichloroethylene		0.03 U	0.02 U				
Vinyl Chloride		0.01 U	0.010 U				
Xylene, o-		0.02 J	0.05 J				
Xylenes							
m&p-Xylene		0.05 J	0.10				
p-Isopropyltoluene		0.07 U	0.01 J				

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4_10-12_RS_11/16/10_	SUP_SL_4_12-14_RS_11/16/10_	SUP_SL_4_14-16_RS_11/16/10_	SUP_SL_40_0-1_11/15/10_SO	SUP_SL_40_1-2_11/15/10_SO	SUP_SL_40_2-4_11/15/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic				220.00	17.00		3.40 U
Cadmium				0.59	0.43 J		0.57 U
Lead and Compounds				250.00	36.00		22.00
Mercury (elemental)							
Nickel Refinery Dust				830.00 UBY	300.00 UBY		330.00 UBY
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene						0.02 J	0.08
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4_10-12_RS_11/16/10_	SUP_SL_4_12-14_RS_11/16/10_	SUP_SL_4_14-16_RS_11/16/10_	SUP_SL_40_0-1_11/15/10_SO	SUP_SL_40_1-2_11/15/10_SO	SUP_SL_40_2-4_11/15/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)					80.00 UY	30.00 UY	33.00 UY
Gasoline Range Organics (~C4~C12)						2.00 J	7.40
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene						0.04 U	0.05 U
1,3-Dichlorobenzene						0.04 U	0.05 U
2,2-Dichloropropane						0.04 U	0.05 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4_10-12_RS_11/16/10_	SUP_SL_4_12-14_RS_11/16/10_	SUP_SL_4_14-16_RS_11/16/10_	SUP_SL_40_0-1_11/15/10_SO	SUP_SL_40_1-2_11/15/10_SO	SUP_SL_40_2-4_11/15/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene						0.04 U	0.05 U
Bromochloromethane						0.04 U	0.05 U
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-						0.04 U	0.05 U
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-						0.04 U	0.05 U
Chlorotoluene, p-						0.04 U	0.05 U
Cresol, o-							
Cresol, p-chloro-m-							
Cumene						0.04 U	0.05 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-						0.22 U	0.24 U
Dibromoethane, 1,2-						0.04 U	0.05 U
Dibromomethane (Methylene Bromide)						0.04 U	0.05 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2-						0.04 U	0.05 U
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane						0.04 U	0.05 U
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-						0.04 U	0.05 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4_10-12_RS_11/16/10_	SUP_SL_4_12-14_RS_11/16/10_	SUP_SL_4_14-16_RS_11/16/10_	SUP_SL_40_0-1_11/15/10_SO	SUP_SL_40_1-2_11/15/10_SO	SUP_SL_40_2-4_11/15/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene						0.04 U	0.05 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.24 U	0.25 U	0.29 U			
Phenanthrene							
Phenol							
Propyl benzene						0.04 U	0.05 U
Tetrachloroethane, 1,1,1,2-						0.04 U	0.05 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-						0.04 U	0.05 U
Trichlorobenzene, 1,2,4-						0.04 U	0.05 U
Trichlorofluoromethane						0.04 U	0.05 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-						0.04 U	0.05 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4_10-12_RS_11/16/10_	SUP_SL_4_12-14_RS_11/16/10_	SUP_SL_4_14-16_RS_11/16/10_	SUP_SL_40_0-1_11/15/10_SO	SUP_SL_40_1-2_11/15/10_SO	SUP_SL_40_2-4_11/15/10_SO
Trimethylbenzene, 1,2,4-						0.04 U	0.02 J
Trimethylbenzene, 1,3,5-						0.04 U	0.05 U
cis-1,3-Dichloropropene						0.02 U	0.02 U
sec-Butylbenzene						0.04 U	0.05 U
tert-Amylmethyl ether							
tert-Butylbenzene						0.04 U	0.05 U
trans-1,3-Dichloropropene						0.02 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene						0.02	0.76
Bromodichloromethane						0.04 U	0.05 U
Bromoform						0.04 U	0.05 U
Bromomethane						0.16 U	0.17 U
Carbon Disulfide							
Carbon Tetrachloride						0.02 U	0.02 U
Chlorobenzene						0.04 U	0.05 U
Chloroform						0.04 U	0.05 U
Chloromethane						0.44 U	0.47 U
Dibromochloromethane						0.04 U	0.05 U
Dichlorobenzene, 1,4-						0.04 U	0.05 U
Dichloroethane, 1,1-						0.04 U	0.05 U
Dichloroethane, 1,2-						0.04 U	0.05 U
Dichloroethylene, 1,1-						0.02 U	0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-						0.04 U	0.05 U
Dichloroethylene, 1,2-trans-						0.04 U	0.05 U
Dichloropropane, 1,2-						0.01 U	0.01 U
Ethyl Chloride						0.44 U	0.47 U
Ethylbenzene						0.04 U	0.02 J
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_4_10-12_RS_11/16/10_	SUP_SL_4_12-14_RS_11/16/10_	SUP_SL_4_14-16_RS_11/16/10_	SUP_SL_40_0-1_11/15/10_SO	SUP_SL_40_1-2_11/15/10_SO	SUP_SL_40_2-4_11/15/10_SO
Methylene Chloride						0.03 J	0.03 J
Styrene						0.04 U	0.05 U
Tetrachloroethane, 1,1,2,2-						0.01 U	0.01 U
Tetrachloroethylene						0.02 U	0.02 U
Toluene						0.02 J	1.50
Trichloroethane, 1,1,1-						0.04 U	0.05 U
Trichloroethane, 1,1,2-						0.01 U	0.01 U
Trichloroethylene						0.02 U	0.02 U
Vinyl Chloride						0.009 U	0.009 U
Xylene, o-						0.04 U	0.02 J
Xylenes							
m&p-Xylene						0.01 J	0.08
p-Isopropyltoluene						0.02 J	0.02 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_40_4-6_11/15/10_SO	SUP_SL_40_6-8_11/15/10_SO	SUP_SL_40_8-10_11/15/10_SO	SUP_SL_40_10-12_11/15/10_SO	SUP_SL_40_12-14_11/15/10_SO	SUP_SL_40_14-16_11/15/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		27.00	140.00	120.00	13.00	3.40	5.60
Cadmium		0.24 J	0.48 U	0.66	0.90	0.30 J	0.29 J
Lead and Compounds		44.00	41.00	33.00	4.40	1.20 J	0.27 J
Mercury (elemental)							
Nickel Refinery Dust		2100.00 UBY	380.00 UBY	73.00 J B ^	70.00 J B ^	61.00 J B ^	57.00 J B ^
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.03 J	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_40_4-6_11/15/10_SO	SUP_SL_40_6-8_11/15/10_SO	SUP_SL_40_8-10_11/15/10_SO	SUP_SL_40_10-12_11/15/10_SO	SUP_SL_40_12-14_11/15/10_SO	SUP_SL_40_14-16_11/15/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		160.00 UY	35.00 UY	37.00 U	35.00 U	31.00 U	28.00 U
Gasoline Range Organics (~C4~C12)		2.40 J	4.60 U	6.10 U	5.70 U	5.00 U	4.00 U
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
1,3-Dichlorobenzene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
2,2-Dichloropropane		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_40_4-6_11/15/10_SO	SUP_SL_40_6-8_11/15/10_SO	SUP_SL_40_8-10_11/15/10_SO	SUP_SL_40_10-12_11/15/10_SO	SUP_SL_40_12-14_11/15/10_SO	SUP_SL_40_14-16_11/15/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Bromochloromethane		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Di-n-octyl Phthalate		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.25 U	0.23 U	0.30 U	0.28 U	0.25 U	0.20 U
Dibutyl Phthalate		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_40_4-6_11/15/10_SO	SUP_SL_40_6-8_11/15/10_SO	SUP_SL_40_8-10_11/15/10_SO	SUP_SL_40_10-12_11/15/10_SO	SUP_SL_40_12-14_11/15/10_SO	SUP_SL_40_14-16_11/15/10_SO
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_40_4-6_11/15/10_SO	SUP_SL_40_6-8_11/15/10_SO	SUP_SL_40_8-10_11/15/10_SO	SUP_SL_40_10-12_11/15/10_SO	SUP_SL_40_12-14_11/15/10_SO	SUP_SL_40_14-16_11/15/10_SO
Trimethylbenzene, 1,2,4-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Trimethylbenzene, 1,3,5-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
cis-1,3-Dichloropropene		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
sec-Butylbenzene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
trans-1,3-Dichloropropene		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.06	0.02	0.02 U	0.02 U	0.02 U	0.02 U
Bromodichloromethane		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Bromoform		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Bromomethane		0.18 U	0.16 U	0.21 U	0.20 U	0.18 U	0.14 U
Carbon Disulfide							
Carbon Tetrachloride		0.03 U	0.02 U	0.03 U	0.03 U	0.03 U	0.02 U
Chlorobenzene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Chloroform		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Chloromethane		0.50 U	0.46 U	0.61 U	0.57 U	0.50 U	0.40 U
Dibromochloromethane		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dichlorobenzene, 1,4-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dichloroethane, 1,1-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dichloroethane, 1,2-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dichloroethylene, 1,1-		0.03 U	0.02 U	0.03 U	0.03 U	0.03 U	0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dichloroethylene, 1,2-trans-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Dichloropropane, 1,2-		0.02 U	0.01 U	0.02 U	0.02 U	0.02 U	0.01 U
Ethyl Chloride		0.50 U	0.46 U	0.61 U	0.57 U	0.50 U	0.40 U
Ethylbenzene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_40_4-6_11/15/10_SO	SUP_SL_40_6-8_11/15/10_SO	SUP_SL_40_8-10_11/15/10_SO	SUP_SL_40_10-12_11/15/10_SO	SUP_SL_40_12-14_11/15/10_SO	SUP_SL_40_14-16_11/15/10_SO
Methylene Chloride		0.03 J	0.02 J	0.03 J	0.03 J	0.03 J	0.02 J
Styrene		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Tetrachloroethane, 1,1,2,2-		0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.01 U
Tetrachloroethylene		0.03 U	0.02 U	0.03 U	0.03 U	0.03 U	0.02 U
Toluene		0.13	0.03 J	0.06 U	0.06 U	0.05 U	0.04 U
Trichloroethane, 1,1,1-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Trichloroethane, 1,1,2-		0.02 U	0.01 U	0.02 U	0.02 U	0.02 U	0.01 U
Trichloroethylene		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Vinyl Chloride		0.01 U	0.009 U	0.01 U	0.01 U	0.01 U	0.008 U
Xylene, o-		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
Xylenes							
m&p-Xylene		0.02 J	0.05 U	0.06 U	0.06 U	0.05 U	0.04 U
p-Isopropyltoluene		0.05 U	0.05 U	0.02 J	0.06 U	0.05 U	0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 1-2_08/12/10_SO	SUP_SL_41 2-4_08/12/10_SO	SUP_SL_41 4-6_08/12/10_SO	SUP_SL_41 6-8_08/12/10_SO	SUP_SL_41 8-10_08/12/10_SO	SUP_SL_41 10-12_08/12/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		460.00	3500.00	250.00	140.00	4.10	22.00
Cadmium		2.50	13.00	1.60	0.87	0.36 J	0.60
Lead and Compounds		330.00	1900.00	240.00	280.00	5.20	35.00
Mercury (elemental)							
Nickel Refinery Dust		2200.00 B	170.00 B	540.00 B	190.00 B	47.00 J B	74.00 J B
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 1-2_08/12/10_SO	SUP_SL_41 2-4_08/12/10_SO	SUP_SL_41 4-6_08/12/10_SO	SUP_SL_41 6-8_08/12/10_SO	SUP_SL_41 8-10_08/12/10_SO	SUP_SL_41 10-12_08/12/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		130.00 UY	35.00 UY	58.00 UY	20.00 J	10.00 J	10.00 J
Gasoline Range Organics (~C4~C12)		5.90 U	7.20 U	1.50 J	8.20 U	7.70 U	7.70 U
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							
1,3-Dichlorobenzene							
2,2-Dichloropropane							
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 1-2_08/12/10_SO	SUP_SL_41 2-4_08/12/10_SO	SUP_SL_41 4-6_08/12/10_SO	SUP_SL_41 6-8_08/12/10_SO	SUP_SL_41 8-10_08/12/10_SO	SUP_SL_41 10-12_08/12/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							
Bromochloromethane							
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							
Chlorotoluene, p-							
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							
Dibromoethane, 1,2-							
Dibromomethane (Methylene Bromide)							
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 1-2_08/12/10_SO	SUP_SL_41 2-4_08/12/10_SO	SUP_SL_41 4-6_08/12/10_SO	SUP_SL_41 6-8_08/12/10_SO	SUP_SL_41 8-10_08/12/10_SO	SUP_SL_41 10-12_08/12/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene							
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene							
Tetrachloroethane, 1,1,1,2-							
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-							
Trichlorobenzene, 1,2,4-							
Trichlorofluoromethane							
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 1-2_08/12/10_SO	SUP_SL_41 2-4_08/12/10_SO	SUP_SL_41 4-6_08/12/10_SO	SUP_SL_41 6-8_08/12/10_SO	SUP_SL_41 8-10_08/12/10_SO	SUP_SL_41 10-12_08/12/10_SO
Trimethylbenzene, 1,2,4-							
Trimethylbenzene, 1,3,5-							
cis-1,3-Dichloropropene							
sec-Butylbenzene							
tert-Amylmethyl ether							
tert-Butylbenzene							
trans-1,3-Dichloropropene							
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroform							
Chloromethane							
Dibromochloromethane							
Dichlorobenzene, 1,4-							
Dichloroethane, 1,1-							
Dichloroethane, 1,2-							
Dichloroethylene, 1,1-							
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-							
Dichloroethylene, 1,2-trans-							
Dichloropropane, 1,2-							
Ethyl Chloride							
Ethylbenzene							
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 1-2_08/12/10_SO	SUP_SL_41 2-4_08/12/10_SO	SUP_SL_41 4-6_08/12/10_SO	SUP_SL_41 6-8_08/12/10_SO	SUP_SL_41 8-10_08/12/10_SO	SUP_SL_41 10-12_08/12/10_SO
Methylene Chloride							
Styrene							
Tetrachloroethane, 1,1,2,2-							
Tetrachloroethylene							
Toluene							
Trichloroethane, 1,1,1-							
Trichloroethane, 1,1,2-							
Trichloroethylene							
Vinyl Chloride							
Xylene, o-							
Xylenes							
m&p-Xylene							
p-Isopropyltoluene							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 12-14_08/12/10_SO	SUP_SL_41 14-16_08/12/10_SO	SUP_SL_42 1-2_08/12/10_SO	SUP_SL_42 2-4_08/12/10_SO	SUP_SL_42 4-6_08/12/10_SO	SUP_SL_42 6-8_08/12/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		2.30 J	2.10 J	230.00	2000.00	320.00	34.00
Cadmium		0.40 J	0.36 J	15.00	12.00	0.74 J	0.48
Lead and Compounds		3.50	2.60	920.00	3200.00 ^	460.00 ^	7.90 ^
Mercury (elemental)							
Nickel Refinery Dust		21.00 J B	14.00 J B		18000.00	20000.00	190.00
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene					2.60	0.08 J	0.08 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 12-14_08/12/10_SO	SUP_SL_41 14-16_08/12/10_SO	SUP_SL_42 1-2_08/12/10_SO	SUP_SL_42 2-4_08/12/10_SO	SUP_SL_42 4-6_08/12/10_SO	SUP_SL_42 6-8_08/12/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		7.30 J			6800.00 UBY	8900.00 UBY	16.00 J B
Gasoline Range Organics (~C4~C12)		5.80 U	5.00 U		260.00	12.00 J	8.30 U
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene					0.07 U	0.13 U	0.08 U
1,3-Dichlorobenzene					0.07 U	0.13 U	0.08 U
2,2-Dichloropropane					0.07 U	0.13 U	0.08 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 12-14_08/12/10_SO	SUP_SL_41 14-16_08/12/10_SO	SUP_SL_42 1-2_08/12/10_SO	SUP_SL_42 2-4_08/12/10_SO	SUP_SL_42 4-6_08/12/10_SO	SUP_SL_42 6-8_08/12/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene					0.07 U	0.13 U	0.08 U
Bromochloromethane					0.07 U	0.13 U	0.08 U
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-					0.07 U	0.13 U	0.08 U
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-					0.07 U	0.13 U	0.08 U
Chlorotoluene, p-					0.07 U	0.13 U	0.08 U
Cresol, o-							
Cresol, p-chloro-m-							
Cumene					0.06 J	0.13 U	0.08 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-					0.36 U	0.66 U	0.41 U
Dibromoethane, 1,2-					0.07 U	0.13 U	0.08 U
Dibromomethane (Methylene Bromide)					0.07 U	0.13 U	0.08 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2-					0.07 U	0.13 U	0.08 U
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane					0.07 U	0.13 U	0.08 U
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-					0.07 U	0.13 U	0.08 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 12-14_08/12/10_SO	SUP_SL_41 14-16_08/12/10_SO	SUP_SL_42 1-2_08/12/10_SO	SUP_SL_42 2-4_08/12/10_SO	SUP_SL_42 4-6_08/12/10_SO	SUP_SL_42 6-8_08/12/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene					0.29	0.13 U	0.08 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene					0.07 J	0.13 U	0.08 U
Tetrachloroethane, 1,1,1,2-					0.07 U	0.13 U	0.08 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-					0.07 U	0.13 U	0.08 U
Trichlorobenzene, 1,2,4-					0.07 U	0.13 U	0.08 U
Trichlorofluoromethane					0.07 U	0.13 U	0.08 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-					0.07 U	0.13 U	0.08 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 12-14_08/12/10_SO	SUP_SL_41 14-16_08/12/10_SO	SUP_SL_42 1-2_08/12/10_SO	SUP_SL_42 2-4_08/12/10_SO	SUP_SL_42 4-6_08/12/10_SO	SUP_SL_42 6-8_08/12/10_SO
Trimethylbenzene, 1,2,4-					0.79	0.04 J	0.08 U
Trimethylbenzene, 1,3,5-					0.39	0.13 U	0.08 U
cis-1,3-Dichloropropene					0.03 U	0.05 U	0.03 U
sec-Butylbenzene					0.06 J	0.13 U	0.08 U
tert-Amylmethyl ether							
tert-Butylbenzene					0.07 U	0.13 U	0.08 U
trans-1,3-Dichloropropene					0.03 U	0.05 U	0.03 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene					0.06	0.05 U	0.03 U
Bromodichloromethane					0.07 U	0.13 U	0.08 U
Bromoform					0.07 U	0.13 U	0.08 U
Bromomethane					0.25 U	0.46 U	0.29 U
Carbon Disulfide							
Carbon Tetrachloride					0.04 U	0.07 U	0.04 U
Chlorobenzene					0.07 U	0.13 U	0.02 J
Chloroform					0.07 U	0.13 U	0.08 U
Chloromethane					0.73 U	1.30 U	0.83 U
Dibromochloromethane					0.07 U	0.13 U	0.08 U
Dichlorobenzene, 1,4-					0.07 U	0.13 U	0.08 U
Dichloroethane, 1,1-					0.07 U	0.13 U	0.08 U
Dichloroethane, 1,2-					0.13	0.13 U	0.08 U
Dichloroethylene, 1,1-					0.04 U	0.07 U	0.04 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-					0.07 J	0.05 J	0.08 U
Dichloroethylene, 1,2-trans-					0.07 U	0.02 J	0.08 U
Dichloropropane, 1,2-					0.02 U	0.04 U	0.03 U
Ethyl Chloride					0.73 U	1.30 U	0.83 U
Ethylbenzene					0.09	0.13 U	0.08 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_41 12-14_08/12/10_SO	SUP_SL_41 14-16_08/12/10_SO	SUP_SL_42 1-2_08/12/10_SO	SUP_SL_42 2-4_08/12/10_SO	SUP_SL_42 4-6_08/12/10_SO	SUP_SL_42 6-8_08/12/10_SO
Methylene Chloride					0.07 U	0.13 U	0.08 U
Styrene					0.07 U	0.13 U	0.08 U
Tetrachloroethane, 1,1,2,2-					0.02 U	0.03 U	0.02 U
Tetrachloroethylene					0.05	0.07 U	0.04 U
Toluene					0.14	0.03 J	0.009 J
Trichloroethane, 1,1,1-					0.07 U	0.13 U	0.08 U
Trichloroethane, 1,1,2-					0.02 U	0.04 U	0.03 U
Trichloroethylene					0.15	0.01 J	0.03 U
Vinyl Chloride					0.02 U	0.03 U	0.02 U
Xylene, o-					0.25	0.02 J	0.08 U
Xylenes							
m&p-Xylene					0.24	0.13 U	0.08 U
p-Isopropyltoluene					0.44	0.03 J	0.08 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_42 8-10_08/12/10_SO	SUP_SL_42 10-12_08/12/10_SO	SUP_SL_42 12-14_08/12/10_SO	SUP_SL_42	SUP_SL_43 1-2_080111	SUP_SL_43 2-4_080111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		4.90 J	31.00	4.30	759.50	333.00	23.30
Cadmium		0.55 J	0.37 J	0.35 J	0.63 J	6.30 JB	0.25 JB
Lead and Compounds		6.10 ^	16.00 ^	3.20 ^	703.80 ^	377.00 B	38.70 B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene						0.003 U	0.004 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_42 8-10_08/12/10_SO	SUP_SL_42 10-12_08/12/10_SO	SUP_SL_42 12-14_08/12/10_SO	SUP_SL_42	SUP_SL_43 1-2_080111	SUP_SL_43 2-4_080111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene						0.003 U	0.004 U
1,3-Dichlorobenzene						0.003 U	0.004 U
2,2-Dichloropropane						0.003 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_42 8-10_08/12/10_SO	SUP_SL_42 10-12_08/12/10_SO	SUP_SL_42 12-14_08/12/10_SO	SUP_SL_42	SUP_SL_43 1-2_080111	SUP_SL_43 2-4_080111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene						0.003 U	0.004 U
Bromochloromethane						0.003 U	0.004 U
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-						0.003 U	0.004 U
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-						0.003 U	0.004 U
Chlorotoluene, p-						0.003 U	0.004 U
Cresol, o-							
Cresol, p-chloro-m-							
Cumene						0.003 U	0.004 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-						0.005 U	0.006 U
Dibromoethane, 1,2-						0.003 U	0.004 U
Dibromomethane (Methylene Bromide)						0.003 U	0.004 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2-						0.003 U	0.004 U
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane						0.003 U	0.004 U
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-						0.003 U	0.004 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_42 8-10_08/12/10_SO	SUP_SL_42 10-12_08/12/10_SO	SUP_SL_42 12-14_08/12/10_SO	SUP_SL_42	SUP_SL_43 1-2_080111	SUP_SL_43 2-4_080111
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene						0.003 U	0.004 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone						0.01 U	0.01 U
Methyl tert-Butyl Ether (MTBE)						0.003 U	0.004 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol						0.35 U	0.41 U
Phenanthrene							
Phenol							
Propyl benzene						0.003 U	0.004 U
Tetrachloroethane, 1,1,1,2-						0.003 U	0.004 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-						0.003 U	0.004 U
Trichlorobenzene, 1,2,3-						0.003 U	0.004 U
Trichlorobenzene, 1,2,4-						0.003 U	0.004 U
Trichlorofluoromethane						0.003 U	0.004 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-						0.003 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_42 8-10_08/12/10_SO	SUP_SL_42 10-12_08/12/10_SO	SUP_SL_42 12-14_08/12/10_SO	SUP_SL_42	SUP_SL_43 1-2_080111	SUP_SL_43 2-4_080111
Trimethylbenzene, 1,2,4-						0.003 U	0.004 U
Trimethylbenzene, 1,3,5-						0.003 U	0.004 U
cis-1,3-Dichloropropene						0.003 U	0.004 U
sec-Butylbenzene						0.003 U	0.004 U
tert-Amylmethyl ether						0.003 U	0.004 U
tert-Butylbenzene						0.003 U	0.004 U
trans-1,3-Dichloropropene						0.003 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone						0.08 JB	0.03 UJB
Benzene						0.0002 J	0.0003 J
Bromodichloromethane						0.003 U	0.004 U
Bromoform						0.003 U	0.004 U
Bromomethane						0.003 U	0.004 U
Carbon Disulfide						0.001 J	0.002 J
Carbon Tetrachloride						0.003 U	0.004 U
Chlorobenzene						0.003 U	0.004 U
Chloroform						0.003 U	0.004 U
Chloromethane						0.003 U	0.004 U
Dibromochloromethane						0.003 U	0.004 U
Dichlorobenzene, 1,4-						0.003 U	0.004 U
Dichloroethane, 1,1-						0.003 U	0.004 U
Dichloroethane, 1,2-						0.003 U	0.004 U
Dichloroethylene, 1,1-						0.003 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)						0.006 U	0.008 U
Dichloroethylene, 1,2-cis-						0.003 U	0.004 U
Dichloroethylene, 1,2-trans-						0.003 U	0.004 U
Dichloropropane, 1,2-						0.003 U	0.004 U
Ethyl Chloride						0.003 U	0.004 U
Ethylbenzene						0.003	0.004 U
Hexanone, 2-						0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)						0.006 J	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_42 8-10_08/12/10_SO	SUP_SL_42 10-12_08/12/10_SO	SUP_SL_42 12-14_08/12/10_SO	SUP_SL_42	SUP_SL_43 1-2_080111	SUP_SL_43 2-4_080111
Methylene Chloride						0.01 U	0.01 U
Styrene						0.003 U	0.004 U
Tetrachloroethane, 1,1,2,2-						0.003 U	0.004 U
Tetrachloroethylene						0.003 U	0.004 U
Toluene						0.001 UB	0.004 U
Trichloroethane, 1,1,1-						0.003 U	0.004 U
Trichloroethane, 1,1,2-						0.003 U	0.004 U
Trichloroethylene						0.003 U	0.004 U
Vinyl Chloride						0.003 U	0.004 U
Xylene, o-						0.003 J	0.004 U
Xylenes						0.01 B	0.01 U
m&p-Xylene						0.009 B	0.008 U
p-Isopropyltoluene						0.003 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_43 4-6_080111	SUP_SL_43 6-8_080111	SUP_SL_43 8-10_080111	SUP_SL_43 10-12_080111	SUP_SL_43 12-14_080111	SUP_SL_43 14-16_080111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		11.60	30.80	13.90	4.10 J	18.00	1.30 J
Cadmium		1.70 U	0.12 JB	0.04 UJB	0.07 UJB	1.50 U	0.93 U
Lead and Compounds		14.10 B	70.30 B	12.30 B	4.20 B	20.40 B	2.00 B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_43 4-6_080111	SUP_SL_43 6-8_080111	SUP_SL_43 8-10_080111	SUP_SL_43 10-12_080111	SUP_SL_43 12-14_080111	SUP_SL_43 14-16_080111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
1,3-Dichlorobenzene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
2,2-Dichloropropane		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_43 4-6_080111	SUP_SL_43 6-8_080111	SUP_SL_43 8-10_080111	SUP_SL_43 10-12_080111	SUP_SL_43 12-14_080111	SUP_SL_43 14-16_080111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Bromochloromethane		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Cresol, p-chloro-m- Cumene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.005 U	0.007 U	0.008 U	0.009 U	0.006 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dichlorodifluoromethane		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_43 4-6_080111	SUP_SL_43 6-8_080111	SUP_SL_43 8-10_080111	SUP_SL_43 10-12_080111	SUP_SL_43 12-14_080111	SUP_SL_43 14-16_080111
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.003 U	0.01 U 0.003 U	0.01 U 0.004 U	0.02 U 0.005 U	0.02 U 0.005 U	0.01 U 0.003 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.39 U	0.30 J	0.57 U	0.53 U	0.59 U	0.41 U
Phenanthrene Phenol Propyl benzene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.005 U 0.005 U 0.005 U 0.0005 UB 0.005 U 0.005 U 0.005 U	0.003 U 0.003 U 0.003 U 0.0004 UB 0.0004 UB 0.003 U 0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_43 4-6_080111	SUP_SL_43 6-8_080111	SUP_SL_43 8-10_080111	SUP_SL_43 10-12_080111	SUP_SL_43 12-14_080111	SUP_SL_43 14-16_080111
Trimethylbenzene, 1,2,4-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Trimethylbenzene, 1,3,5-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
cis-1,3-Dichloropropene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
sec-Butylbenzene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
tert-Amylmethyl ether		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
tert-Butylbenzene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
trans-1,3-Dichloropropene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.02 UJB	0.02 UJB	0.02 UJB	0.04 JB	0.05 J	0.01 UB
Benzene		0.0002 J	0.0002 J	0.004 U	0.005 U	0.0004 UB	0.0003 UB
Bromodichloromethane		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Bromoform		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Bromomethane		0.003 U	0.0010 J	0.004 U	0.005 U	0.005 U	0.003 U
Carbon Disulfide		0.002 J	0.0005 J	0.001 J	0.01	0.006 B	0.001 J
Carbon Tetrachloride		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Chlorobenzene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Chloroform		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Chloromethane		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dibromochloromethane		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dichlorobenzene, 1,4-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dichloroethane, 1,1-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dichloroethane, 1,2-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dichloroethylene, 1,1-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U	0.006 U	0.008 U	0.009 U	0.01 U	0.007 U
Dichloroethylene, 1,2-cis-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dichloroethylene, 1,2-trans-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Dichloropropane, 1,2-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Ethyl Chloride		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Ethylbenzene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Hexanone, 2-		0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_43 4-6_080111	SUP_SL_43 6-8_080111	SUP_SL_43 8-10_080111	SUP_SL_43 10-12_080111	SUP_SL_43 12-14_080111	SUP_SL_43 14-16_080111
Methylene Chloride		0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U
Styrene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Tetrachloroethane, 1,1,2,2-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Tetrachloroethylene		0.003 U	0.003 U	0.004 U	0.005 U	0.002 UJB	0.003 U
Toluene		0.003 U	0.003 U	0.004 U	0.0005 UB	0.005 U	0.003 U
Trichloroethane, 1,1,1-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Trichloroethane, 1,1,2-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Trichloroethylene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Vinyl Chloride		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Xylene, o-		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U
Xylenes		0.01 U	0.009 U	0.01 U	0.01 U	0.02 U	0.01 U
m&p-Xylene		0.007 U	0.006 U	0.008 U	0.009 U	0.01 U	0.007 U
p-Isopropyltoluene		0.003 U	0.003 U	0.004 U	0.005 U	0.005 U	0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 1-2_080111	SUP_SL_44 2-4_080111	SUP_SL_44 4-6_080111	SUP_SL_44 6-8_080111	SUP_SL_44 8-10_080111	SUP_SL_44 10-12_080111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		23.60 J	608.00	57.20	6970.00	1900.00	1460.00
Cadmium		1.50 U	6.40 JB	0.56 JB	74.70 JB	18.40 JB	14.50 JB
Lead and Compounds		11.20 B	626.00 B	78.80 B	14800.00 B	6.30 B	7.90 B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 1-2_080111	SUP_SL_44 2-4_080111	SUP_SL_44 4-6_080111	SUP_SL_44 6-8_080111	SUP_SL_44 8-10_080111	SUP_SL_44 10-12_080111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
1,3-Dichlorobenzene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
2,2-Dichloropropane		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 1-2_080111	SUP_SL_44 2-4_080111	SUP_SL_44 4-6_080111	SUP_SL_44 6-8_080111	SUP_SL_44 8-10_080111	SUP_SL_44 10-12_080111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Bromochloromethane		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Cresol, p-chloro-m- Cumene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.005 U	0.004 U	0.006 U	0.006 U	0.009 U	0.008 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Dichlorodifluoromethane		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 1-2_080111	SUP_SL_44 2-4_080111	SUP_SL_44 4-6_080111	SUP_SL_44 6-8_080111	SUP_SL_44 8-10_080111	SUP_SL_44 10-12_080111
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.003 U	0.009 U 0.003 U	0.01 U 0.003 U	0.01 U 0.004 U	0.02 U 0.005 U	0.02 U 0.005 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.35 U	0.38 U	0.41 U	0.45 U	0.48 U	0.50 U
Phenanthrene Phenol Propyl benzene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.003 U 0.003 U 0.003 U 0.0003 UB 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 1-2_080111	SUP_SL_44 2-4_080111	SUP_SL_44 4-6_080111	SUP_SL_44 6-8_080111	SUP_SL_44 8-10_080111	SUP_SL_44 10-12_080111
Trimethylbenzene, 1,2,4-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Trimethylbenzene, 1,3,5-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
cis-1,3-Dichloropropene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
sec-Butylbenzene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
tert-Amylmethyl ether		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 J
tert-Butylbenzene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
trans-1,3-Dichloropropene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.01 UB	0.03 UB	0.03 UB	0.04 B	0.04 UB	0.07 B
Benzene		0.0004 UB	0.0002 UB	0.0007 UB	0.001 B	0.0003 UB	0.0005 UB
Bromodichloromethane		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Bromoform		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Bromomethane		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Carbon Disulfide		0.02	0.001 J	0.003 J	0.001 J	0.001 J	0.01
Carbon Tetrachloride		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Chlorobenzene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Chloroform		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Chloromethane		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Dibromochloromethane		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Dichlorobenzene, 1,4-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Dichloroethane, 1,1-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Dichloroethane, 1,2-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Dichloroethylene, 1,1-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.006 U	0.005 U	0.007 U	0.02	0.004 J	0.02
Dichloroethylene, 1,2-cis-		0.003 U	0.003 U	0.003 U	0.02	0.004 J	0.02
Dichloroethylene, 1,2-trans-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.001 J
Dichloropropane, 1,2-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Ethyl Chloride		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Ethylbenzene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Hexanone, 2-		0.01 U	0.009 U	0.01 U	0.01 U	0.02 U	0.02 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.009 U	0.01 U	0.01 U	0.02 U	0.02 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 1-2_080111	SUP_SL_44 2-4_080111	SUP_SL_44 4-6_080111	SUP_SL_44 6-8_080111	SUP_SL_44 8-10_080111	SUP_SL_44 10-12_080111
Methylene Chloride		0.01 U	0.009 U	0.01 U	0.01 U	0.02 U	0.02 U
Styrene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Tetrachloroethane, 1,1,2,2-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Tetrachloroethylene		0.003 U	0.003 U	0.003 U	0.002 J	0.005 U	0.005 U
Toluene		0.003 U	0.003 U	0.0006 UB	0.0006 UB	0.005 U	0.005 U
Trichloroethane, 1,1,1-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Trichloroethane, 1,1,2-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Trichloroethylene		0.003 U	0.003 U	0.003 U	0.004 U	0.0004 J	0.002 J
Vinyl Chloride		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Xylene, o-		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U
Xylenes		0.010 U	0.008 U	0.010 U	0.01 U	0.02 U	0.01 U
m&p-Xylene		0.006 U	0.005 U	0.007 U	0.008 U	0.01 U	0.009 U
p-Isopropyltoluene		0.003 U	0.003 U	0.003 U	0.004 U	0.005 U	0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 12-14_080111	SUP_SL_44 14-16_080111	SUP_SL_45 1-2_080111	SUP_SL_45 2-4_080111	SUP_SL_45 8-10_080111	SUP_SL_45 10-12_080111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		555.00	104.00	21.20	67.60	1010.00 B	245.00 B
Cadmium		5.30 JB	0.98 JB	0.09 UB	0.57 B	10.10 B	2.10 B
Lead and Compounds		4.80 B	1.00 B	23.40 B	37.50 B	49.10	6.50
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.003 U	0.003 U	0.003 U	0.003 U	0.007	0.005 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 12-14_080111	SUP_SL_44 14-16_080111	SUP_SL_45 1-2_080111	SUP_SL_45 2-4_080111	SUP_SL_45 8-10_080111	SUP_SL_45 10-12_080111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
1,3-Dichlorobenzene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.0005 UB
2,2-Dichloropropane		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 12-14_080111	SUP_SL_44 14-16_080111	SUP_SL_45 1-2_080111	SUP_SL_45 2-4_080111	SUP_SL_45 8-10_080111	SUP_SL_45 10-12_080111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Bromochloromethane		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Cresol, p-chloro-m- Cumene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.005 U	0.005 U	0.005 U	0.007 U	0.008 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.003 U	0.003 U	0.003 U	0.003 U	0.0008 UB	0.005 U
Dichlorodifluoromethane		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 12-14_080111	SUP_SL_44 14-16_080111	SUP_SL_45 1-2_080111	SUP_SL_45 2-4_080111	SUP_SL_45 8-10_080111	SUP_SL_45 10-12_080111
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.003 U	0.003 U	0.003 U	0.003 U	0.004	0.002 J
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.003 U	0.01 U 0.003 U	0.010 U 0.003 U	0.01 U 0.003 U	0.01 U 0.004 U	0.02 U 0.005 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.44 U	0.39 U	0.36 U	0.41 U	0.51 U	0.50 U
Phenanthrene Phenol Propyl benzene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 12-14_080111	SUP_SL_44 14-16_080111	SUP_SL_45 1-2_080111	SUP_SL_45 2-4_080111	SUP_SL_45 8-10_080111	SUP_SL_45 10-12_080111
Trimethylbenzene, 1,2,4-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Trimethylbenzene, 1,3,5-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
cis-1,3-Dichloropropene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
sec-Butylbenzene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
tert-Amylmethyl ether		0.003 U	0.003 U	0.003 U	0.003 U	0.0008 J	0.0005 J
tert-Butylbenzene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
trans-1,3-Dichloropropene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.03 UB	0.03 UB	0.07 B	0.06 B	0.05 B	0.05 B
Benzene		0.0003 UB	0.0003 UB	0.0002 UB	0.003 U	0.02 B	0.02 B
Bromodichloromethane		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Bromoform		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Bromomethane		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Carbon Disulfide		0.002 J	0.002 J	0.003 U	0.0006 J	0.003 J	0.02
Carbon Tetrachloride		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Chlorobenzene		0.003 U	0.003 U	0.003 U	0.003 U	0.007	0.007
Chloroform		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Chloromethane		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Dibromochloromethane		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Dichlorobenzene, 1,4-		0.003 U	0.003 U	0.003 U	0.003 U	0.002 UB	0.0005 UB
Dichloroethane, 1,1-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Dichloroethane, 1,2-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Dichloroethylene, 1,1-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.02	0.003 J	0.0005 J	0.004 J	0.07	0.01
Dichloroethylene, 1,2-cis-		0.02	0.003 J	0.0005 J	0.004	0.04	0.006
Dichloroethylene, 1,2-trans-		0.0007 J	0.003 U	0.003 U	0.003 U	0.007	0.001 J
Dichloropropane, 1,2-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Ethyl Chloride		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Ethylbenzene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Hexanone, 2-		0.01 U	0.01 U	0.010 U	0.01 U	0.01 U	0.02 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U	0.01	0.01 U	0.01 U	0.01 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_44 12-14_080111	SUP_SL_44 14-16_080111	SUP_SL_45 1-2_080111	SUP_SL_45 2-4_080111	SUP_SL_45 8-10_080111	SUP_SL_45 10-12_080111
Methylene Chloride		0.01 U	0.01 U	0.010 U	0.01 U	0.01 U	0.02 U
Styrene		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Tetrachloroethane, 1,1,2,2-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Tetrachloroethylene		0.003 U	0.003 U	0.0008 J	0.003	0.09	0.07
Toluene		0.003 U	0.003 U	0.0006 UB	0.003 U	0.008 B	0.006 B
Trichloroethane, 1,1,1-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Trichloroethane, 1,1,2-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Trichloroethylene		0.003 U	0.003 U	0.0009 J	0.002 J	0.04	0.02
Vinyl Chloride		0.003 U	0.003 U	0.003 U	0.003 U	0.02	0.005 U
Xylene, o-		0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.005 U
Xylenes		0.01 U	0.009 U	0.009 U	0.009 U	0.01 U	0.01 U
m&p-Xylene		0.007 U	0.006 U	0.006 U	0.006 U	0.008 U	0.009 U
p-Isopropyltoluene		0.003 U	0.003 U	0.003 U	0.003 U	0.002 UB	0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_45 12-14_080111	SUP_SL_45 14-16_080111	SUP_SL_46 1-2_080111	SUP_SL_46 2-4_080111	SUP_SL_46 4-6_080111	SUP_SL_46 6-8_080111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		8.60 B	67.70 B	209.00 B	58.10 B	607.00 B	23700.00 B
Cadmium		1.90 U	0.39 B	2.00 B	0.44 B	9.90 B	285.00 B
Lead and Compounds		2.80	1.50	60.50	37.20	1900.00	28400.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_45 12-14_080111	SUP_SL_45 14-16_080111	SUP_SL_46 1-2_080111	SUP_SL_46 2-4_080111	SUP_SL_46 4-6_080111	SUP_SL_46 6-8_080111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
1,3-Dichlorobenzene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
2,2-Dichloropropane		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_45 12-14_080111	SUP_SL_45 14-16_080111	SUP_SL_46 1-2_080111	SUP_SL_46 2-4_080111	SUP_SL_46 4-6_080111	SUP_SL_46 6-8_080111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Bromochloromethane		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Di-n-octyl Phthalate		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.007 U	0.006 U	0.005 U	0.004 U	0.008 U	0.006 U
Dibutyl Phthalate		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_45 12-14_080111	SUP_SL_45 14-16_080111	SUP_SL_46 1-2_080111	SUP_SL_46 2-4_080111	SUP_SL_46 4-6_080111	SUP_SL_46 6-8_080111
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.0010 J	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.01 U 0.004 U	0.009 U 0.003 U	0.009 U 0.003 U	0.01 U 0.005 U	0.01 U 0.004 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.47 U	0.43 U	0.38 U	0.39 U	2.28 U	0.46 U
Phenanthrene Phenol Propyl benzene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_45 12-14_080111	SUP_SL_45 14-16_080111	SUP_SL_46 1-2_080111	SUP_SL_46 2-4_080111	SUP_SL_46 4-6_080111	SUP_SL_46 6-8_080111
Trimethylbenzene, 1,2,4-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Trimethylbenzene, 1,3,5-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
cis-1,3-Dichloropropene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
sec-Butylbenzene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
tert-Amylmethyl ether		0.004 U	0.0006 J	0.003 U	0.003 U	0.005 U	0.004 U
tert-Butylbenzene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
trans-1,3-Dichloropropene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.06 B	0.03 UB	0.11 B	0.05 UB	0.19 B	0.03 J
Benzene		0.007 B	0.02 B	0.0003 UB	0.0002 UB	0.004 B	0.002 B
Bromodichloromethane		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Bromoform		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Bromomethane		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Carbon Disulfide		0.01	0.002 UB	0.001 UB	0.002 UB	0.005 B	0.002 UB
Carbon Tetrachloride		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Chlorobenzene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Chloroform		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Chloromethane		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Dibromochloromethane		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Dichlorobenzene, 1,4-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Dichloroethane, 1,1-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Dichloroethane, 1,2-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Dichloroethylene, 1,1-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.0010 J
Dichloroethylene, 1,2- (Mixed Isomers)		0.02	0.002 J	0.006 U	0.002 J	0.004 J	0.04
Dichloroethylene, 1,2-cis-		0.009	0.002 J	0.003 U	0.002 J	0.004 J	0.03
Dichloroethylene, 1,2-trans-		0.01	0.0005 J	0.003 U	0.003 U	0.005 U	0.008
Dichloropropane, 1,2-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Ethyl Chloride		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Ethylbenzene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Hexanone, 2-		0.01 U	0.01 U	0.009 U	0.009 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U	0.02	0.009 U	0.01 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_45 12-14_080111	SUP_SL_45 14-16_080111	SUP_SL_46 1-2_080111	SUP_SL_46 2-4_080111	SUP_SL_46 4-6_080111	SUP_SL_46 6-8_080111
Methylene Chloride		0.007 UB	0.01 U	0.009 U	0.009 U	0.01 U	0.01 U
Styrene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Tetrachloroethylene		0.04	0.005 B	0.0010 UB	0.0008 UB	0.006 B	0.002 UJB
Toluene		0.0010 UB	0.004 U	0.003 U	0.0003 J	0.002 J	0.0005 J
Trichloroethane, 1,1,1-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Trichloroethane, 1,1,2-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Trichloroethylene		0.01	0.001 J	0.0005 J	0.0008 J	0.005 U	0.005 J
Vinyl Chloride		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.008 J
Xylene, o-		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U
Xylenes		0.01 U	0.01 U	0.008 U	0.008 U	0.01 U	0.01 U
m&p-Xylene		0.008 U	0.007 U	0.006 U	0.005 U	0.009 U	0.008 U
p-Isopropyltoluene		0.004 U	0.004 U	0.003 U	0.003 U	0.005 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_46 8-10_080111_DC	SUP_SL_46 10-12_080111	SUP_SL_46 12-14_080111	SUP_SL_46 14-16_080111	SUP_SL_47 1-2_080111	SUP_SL_47 2-4_080111
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		9020.00 B	1390.00 B	726.00 B	170.00 B	15.70 B	186.00 B
Cadmium		98.60 B	15.40 B	6.00 B	1.50 B	1.70 U	1.70 B
Lead and Compounds		1645.00	168.00	43.50	7.70	15.40	219.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.002 UB
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_46 8-10_080111_DC	SUP_SL_46 10-12_080111	SUP_SL_46 12-14_080111	SUP_SL_46 14-16_080111	SUP_SL_47 1-2_080111	SUP_SL_47 2-4_080111
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
1,3-Dichlorobenzene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
2,2-Dichloropropane		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_46 8-10_080111_DC	SUP_SL_46 10-12_080111	SUP_SL_46 12-14_080111	SUP_SL_46 14-16_080111	SUP_SL_47 1-2_080111	SUP_SL_47 2-4_080111
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromochloromethane		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Cresol, p-chloro-m- Cumene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.009 U	0.008 U	0.007 U	0.005 U	0.005 U	0.007 U
Dibutyl Phthalate		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_46 8-10_080111_DC	SUP_SL_46 10-12_080111	SUP_SL_46 12-14_080111	SUP_SL_46 14-16_080111	SUP_SL_47 1-2_080111	SUP_SL_47 2-4_080111
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.02 U 0.005 U	0.02 U 0.005 U	0.01 U 0.004 U	0.01 U 0.003 U	0.01 U 0.003 U	0.01 U 0.004 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.50 U	0.53 U	0.47 U	0.40 U	0.36 U	0.39 U
Phenanthrene Phenol Propyl benzene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_46 8-10_080111_DC	SUP_SL_46 10-12_080111	SUP_SL_46 12-14_080111	SUP_SL_46 14-16_080111	SUP_SL_47 1-2_080111	SUP_SL_47 2-4_080111
Trimethylbenzene, 1,2,4-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Trimethylbenzene, 1,3,5-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
cis-1,3-Dichloropropene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
sec-Butylbenzene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
tert-Amylmethyl ether		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
tert-Butylbenzene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
trans-1,3-Dichloropropene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.04 J	0.04 J	0.03 J	0.004 J	0.04 J	0.07 J
Benzene		0.003 B	0.001 B	0.0005 UB	0.0004 UB	0.0005 UB	0.0006 J
Bromodichloromethane		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromoform		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromomethane		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Carbon Disulfide		0.002 UB	0.003 B	0.003 UB	0.001 UB	0.0008 UB	0.002 J
Carbon Tetrachloride		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Chlorobenzene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Chloroform		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Chloromethane		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dibromochloromethane		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichlorobenzene, 1,4-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethane, 1,1-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethane, 1,2-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,1-		0.01 J	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)		1.20	0.04	0.06	0.03	0.007	0.05
Dichloroethylene, 1,2-cis-		10.97	0.04	0.06	0.03	0.007	0.04
Dichloroethylene, 1,2-trans-		0.02 J	0.004 J	0.002 J	0.003 U	0.0004 J	0.004 J
Dichloropropane, 1,2-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Ethyl Chloride		0.04	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Ethylbenzene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Hexanone, 2-		0.02 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.14	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_46 8-10_080111_DC	SUP_SL_46 10-12_080111	SUP_SL_46 12-14_080111	SUP_SL_46 14-16_080111	SUP_SL_47 1-2_080111	SUP_SL_47 2-4_080111
Methylene Chloride		0.02 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Styrene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Tetrachloroethane, 1,1,2,2-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Tetrachloroethylene		0.002 UJB	0.001 UJB	0.001 UJB	0.0006 UJB	0.01 JB	0.02
Toluene		0.0008 J	0.005 U	0.004 U	0.003 U	0.0004 J	0.004 J
Trichloroethane, 1,1,1-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Trichloroethane, 1,1,2-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Trichloroethylene		0.007 J	0.002 J	0.004 U	0.003 U	0.007 J	0.01
Vinyl Chloride		0.08 J	0.01 J	0.02 J	0.006 J	0.003 U	0.0009 J
Xylene, o-		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Xylenes		0.02 U	0.01 U	0.01 U	0.009 U	0.009 U	0.01 U
m&p-Xylene		0.01 U	0.010 U	0.008 U	0.006 U	0.006 U	0.008 U
p-Isopropyltoluene		0.005 U	0.005 U	0.004 U	0.003 U	0.003 U	0.001 UB

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_47 8-10_080111	SUP_SL_47 10-12_080111	SUP_SL_47 12-14_080111	SUP_SL_47 14-16_080111	SUP_SL_48 1-2_080211	SUP_SL_48 2-4_080211
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		83.30 B	5.20 B	2.30 UB	7.20	109.00	81.00
Cadmium		0.51 B	2.80 U	1.20 U	1.10 U	5.30 U	7.10 U
Lead and Compounds		5.10	3.90	3.10	4.20	73.90 B	46.80 B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.01	0.004 U	0.0009 UB	0.0010 UB	0.003 U	0.009
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_47 8-10_080111	SUP_SL_47 10-12_080111	SUP_SL_47 12-14_080111	SUP_SL_47 14-16_080111	SUP_SL_48 1-2_080211	SUP_SL_48 2-4_080211
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
1,3-Dichlorobenzene		0.001 UB	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
2,2-Dichloropropane		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_47 8-10_080111	SUP_SL_47 10-12_080111	SUP_SL_47 12-14_080111	SUP_SL_47 14-16_080111	SUP_SL_48 1-2_080211	SUP_SL_48 2-4_080211
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Bromochloromethane		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Cresol, p-chloro-m- Cumene		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.009 U	0.007 U	0.006 U	0.006 U	0.005 U	0.008 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.001 UB	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Dichlorodifluoromethane Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Diethyl Phthalate Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-					0.0007 J	0.003 U	0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_47 8-10_080111	SUP_SL_47 10-12_080111	SUP_SL_47 12-14_080111	SUP_SL_47 14-16_080111	SUP_SL_48 1-2_080211	SUP_SL_48 2-4_080211
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.010	0.005	0.008	0.003 U	0.003 U	0.005 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone		0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U
Methyl tert-Butyl Ether (MTBE)		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.52 U	0.46 U	0.44 U	0.44 U	0.39 U	0.46 U
Phenanthrene							
Phenol							
Propyl benzene		0.005 U	0.004 U	0.004 U	0.0008 J	0.003 U	0.005 U
Tetrachloroethane, 1,1,1,2-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Trichlorobenzene, 1,2,3-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Trichlorobenzene, 1,2,4-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Trichlorofluoromethane		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_47 8-10_080111	SUP_SL_47 10-12_080111	SUP_SL_47 12-14_080111	SUP_SL_47 14-16_080111	SUP_SL_48 1-2_080211	SUP_SL_48 2-4_080211
Trimethylbenzene, 1,2,4-		0.002 J	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Trimethylbenzene, 1,3,5-		0.0010 J	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
cis-1,3-Dichloropropene		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
sec-Butylbenzene		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
tert-Amylmethyl ether		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
tert-Butylbenzene		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
trans-1,3-Dichloropropene		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.19 J	0.09 J	0.02 J	0.02 J	0.06 UB	0.09 B
Benzene		0.01 B	0.008 B	0.004	0.002 J	0.003 U	0.0003 UB
Bromodichloromethane		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Bromoform		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Bromomethane		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Carbon Disulfide		0.03 B	0.01 B	0.02	0.006	0.002 UB	0.002 UB
Carbon Tetrachloride		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Chlorobenzene		0.009	0.004 J	0.004 U	0.0004 J	0.003 U	0.005 U
Chloroform		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Chloromethane		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Dibromochloromethane		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Dichlorobenzene, 1,4-		0.002 B	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Dichloroethane, 1,1-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Dichloroethane, 1,2-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Dichloroethylene, 1,1-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.08	0.005 J	0.006 J	0.006 J	0.006 U	0.002 J
Dichloroethylene, 1,2-cis-		0.07	0.005	0.005	0.004	0.003 U	0.002 J
Dichloroethylene, 1,2-trans-		0.02	0.004 U	0.004 U	0.003 J	0.003 U	0.005 U
Dichloropropane, 1,2-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Ethyl Chloride		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Ethylbenzene		0.002 J	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Hexanone, 2-		0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U
Methyl Ethyl Ketone (2-Butanone)		0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_47 8-10_080111	SUP_SL_47 10-12_080111	SUP_SL_47 12-14_080111	SUP_SL_47 14-16_080111	SUP_SL_48 1-2_080211	SUP_SL_48 2-4_080211
Methylene Chloride		0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U
Styrene		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Tetrachloroethane, 1,1,2,2-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Tetrachloroethylene		0.38	0.18 JB	0.29	0.002 J	0.0004 UB	0.005 U
Toluene		0.01	0.005	0.0005 J	0.0006 J	0.0009 J	0.002 J
Trichloroethane, 1,1,1-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Trichloroethane, 1,1,2-		0.005 U	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Trichloroethylene		0.21 J	0.02 J	0.03	0.003 U	0.003 U	0.005 U
Vinyl Chloride		0.04 J	0.004 U	0.004	0.0008 J	0.003 U	0.005 U
Xylene, o-		0.001 J	0.004 U	0.004 U	0.003 U	0.003 U	0.005 U
Xylenes		0.004 J	0.001 J	0.01 U	0.01 U	0.010 U	0.01 U
m&p-Xylene		0.003 J	0.008 U	0.007 U	0.007 U	0.006 U	0.009 U
p-Isopropyltoluene		0.002 J	0.004 U	0.0007 UB	0.003 U	0.003 U	0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_48 8-10_080211	SUP_SL_48 10-12_080211	SUP_SL_48 12-14_080211	SUP_SL_48 14-16_080211	SUP_SL_49 1-2_080211	SUP_SL_49 2-4_080211
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		28.20	7.90 J	2.30 J	1.80 J	21.90	912.00
Cadmium		1.30 U	6.80 U	5.20 U	5.00 U	0.02 J	2.60 J
Lead and Compounds		9.30 B	6.00 B	3.20 B	2.00 B	14.60 B	1380.00 B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.15
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_48 8-10_080211	SUP_SL_48 10-12_080211	SUP_SL_48 12-14_080211	SUP_SL_48 14-16_080211	SUP_SL_49 1-2_080211	SUP_SL_49 2-4_080211
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
1,3-Dichlorobenzene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
2,2-Dichloropropane		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_48 8-10_080211	SUP_SL_48 10-12_080211	SUP_SL_48 12-14_080211	SUP_SL_48 14-16_080211	SUP_SL_49 1-2_080211	SUP_SL_49 2-4_080211
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Bromochloromethane		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Di-n-octyl Phthalate		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.02 U	0.010 U	0.006 U	0.006 U	0.005 U	0.007 U
Dibutyl Phthalate		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_48 8-10_080211	SUP_SL_48 10-12_080211	SUP_SL_48 12-14_080211	SUP_SL_48 14-16_080211	SUP_SL_49 1-2_080211	SUP_SL_49 2-4_080211
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.01	0.006 U	0.004	0.003 U	0.003 U	0.004 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone		0.03 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl tert-Butyl Ether (MTBE)		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol		0.57 U	0.58 U	0.42 U	0.43 U	0.35 U	2.26 U
Phenanthrene							
Phenol							
Propyl benzene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.005
Tetrachloroethane, 1,1,1,2-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Trichlorobenzene, 1,2,3-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Trichlorobenzene, 1,2,4-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Trichlorofluoromethane		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_48 8-10_080211	SUP_SL_48 10-12_080211	SUP_SL_48 12-14_080211	SUP_SL_48 14-16_080211	SUP_SL_49 1-2_080211	SUP_SL_49 2-4_080211
Trimethylbenzene, 1,2,4-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.09
Trimethylbenzene, 1,3,5-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.05
cis-1,3-Dichloropropene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
sec-Butylbenzene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.006
tert-Amylmethyl ether		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
tert-Butylbenzene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
trans-1,3-Dichloropropene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.16 B	0.04 UB	0.04 UB	0.03 UB	0.02 UB	0.31 B
Benzene		0.01 B	0.009 B	0.004 B	0.0006 UB	0.0005 UB	0.009 B
Bromodichloromethane		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Bromoform		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Bromomethane		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Carbon Disulfide		0.04 B	0.02 B	0.01 B	0.004 UB	0.02 B	0.003 UB
Carbon Tetrachloride		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Chlorobenzene		0.007 J	0.002 J	0.003 U	0.003 U	0.003 U	0.004 U
Chloroform		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Chloromethane		0.0008 J	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dibromochloromethane		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dichlorobenzene, 1,4-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dichloroethane, 1,1-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dichloroethane, 1,2-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,1-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.002 J	0.01 U	0.003 J	0.007 U	0.006 U	0.008 U
Dichloroethylene, 1,2-cis-		0.002 J	0.006 U	0.003 J	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,2-trans-		0.010 U	0.006 U	0.0006 J	0.003 U	0.003 U	0.004 U
Dichloropropane, 1,2-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Ethyl Chloride		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Ethylbenzene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.005
Hexanone, 2-		0.03 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.03	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_48 8-10_080211	SUP_SL_48 10-12_080211	SUP_SL_48 12-14_080211	SUP_SL_48 14-16_080211	SUP_SL_49 1-2_080211	SUP_SL_49 2-4_080211
Methylene Chloride		0.03 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Styrene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Tetrachloroethane, 1,1,2,2-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Tetrachloroethylene		0.29 B	0.004 B	0.86	0.0007 UB	0.003 U	0.002 UB
Toluene		0.01	0.004 J	0.0006 UB	0.003 U	0.0005 J	0.009
Trichloroethane, 1,1,1-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Trichloroethane, 1,1,2-		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.004 U
Trichloroethylene		0.03	0.006 U	0.05 JB	0.003 U	0.003 U	0.005
Vinyl Chloride		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.002 J
Xylene, o-		0.002 J	0.006 U	0.003 U	0.003 U	0.003 U	0.02
Xylenes		0.004 J	0.02 U	0.01 U	0.01 U	0.009 U	0.04
m&p-Xylene		0.003 J	0.01 U	0.007 U	0.007 U	0.006 U	0.02
p-Isopropyltoluene		0.010 U	0.006 U	0.003 U	0.003 U	0.003 U	0.12

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_49 4-6_080211	SUP_SL_49 6-8_080211	SUP_SL_49 12-14_080211	SUP_SL_49 14-16_080211	SUP_SL_49 8-10_080411	SUP_SL_49 10-12_080411
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		896.00	838.00	84.20	104.00	256.00	19.30
Cadmium		23.60 UJ	9.20	0.64 J	0.80 J	1.60 J	5.20 U
Lead and Compounds		1770.00 B	270.00	6.30	6.00	21.30 J	4.00 J
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.24	0.52 J	0.004 U	0.003 U	0.002 J	0.0008 J
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_49 4-6_080211	SUP_SL_49 6-8_080211	SUP_SL_49 12-14_080211	SUP_SL_49 14-16_080211	SUP_SL_49 8-10_080411	SUP_SL_49 10-12_080411
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
1,3-Dichlorobenzene		0.003 U	0.61 U	0.004 U	0.003 U	0.004 U	0.004 U
2,2-Dichloropropane		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_49 4-6_080211	SUP_SL_49 6-8_080211	SUP_SL_49 12-14_080211	SUP_SL_49 14-16_080211	SUP_SL_49 8-10_080411	SUP_SL_49 10-12_080411
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Bromochloromethane		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Cresol, p-chloro-m- Cumene		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Di-n-octyl Phthalate		0.002 J	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.01 U	0.006 U	0.006 U	0.007 U	0.007 U
Dibutyl Phthalate		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.002 UB	0.61 U	0.004 U	0.003 U	0.004 U	0.004 U
Dichlorodifluoromethane		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Diethyl Phthalate Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_49 4-6_080211	SUP_SL_49 6-8_080211	SUP_SL_49 12-14_080211	SUP_SL_49 14-16_080211	SUP_SL_49 8-10_080411	SUP_SL_49 10-12_080411
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.003 U	0.61 U	0.004 U	0.003 U	0.004 U	0.004 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.003 U	0.02 U 0.006 U	0.01 U 0.004 U	0.01 U 0.003 U	0.01 U 0.004 U	0.01 U 0.004 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		2.30 U	0.61 U	0.45 U	0.43 U	0.52 U	0.48 U
Phenanthrene Phenol Propyl benzene		0.003 J	0.006 U	0.004 U	0.003 U	0.001 UB	0.004 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.006 U 0.006 U 0.006 U 0.61 U 0.006 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_49 4-6_080211	SUP_SL_49 6-8_080211	SUP_SL_49 12-14_080211	SUP_SL_49 14-16_080211	SUP_SL_49 8-10_080411	SUP_SL_49 10-12_080411
Trimethylbenzene, 1,2,4-		0.05	0.008	0.004 U	0.003 U	0.004 U	0.004 U
Trimethylbenzene, 1,3,5-		0.02	0.007	0.004 U	0.003 U	0.004 U	0.004 U
cis-1,3-Dichloropropene		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
sec-Butylbenzene		0.005	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
tert-Amylmethyl ether		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
tert-Butylbenzene		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
trans-1,3-Dichloropropene		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.07 B	0.15 JB	0.02 UB	0.02 UB	0.02 J	0.06 J
Benzene		0.003 B	0.006 J	0.004 U	0.003 U	0.004 U	0.0004 J
Bromodichloromethane		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Bromoform		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Bromomethane		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Carbon Disulfide		0.004 UB	0.05 B	0.001 UB	0.007 B	0.001 UB	0.01 B
Carbon Tetrachloride		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Chlorobenzene		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Chloroform		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Chloromethane		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Dibromochloromethane		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Dichlorobenzene, 1,4-		0.003 U	0.61 U	0.004 U	0.003 U	0.004 U	0.004 U
Dichloroethane, 1,1-		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Dichloroethane, 1,2-		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Dichloroethylene, 1,1-		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.01	0.005 J	0.007 U	0.007 U	0.009 U	0.009 U
Dichloroethylene, 1,2-cis-		0.009	0.003 J	0.004 U	0.003 U	0.004 U	0.004 U
Dichloroethylene, 1,2-trans-		0.003	0.002 J	0.004 U	0.003 U	0.004 U	0.004 U
Dichloropropane, 1,2-		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Ethyl Chloride		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Ethylbenzene		0.003 J	0.001 J	0.004 U	0.003 U	0.004 U	0.004 U
Hexanone, 2-		0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.02	0.03	0.01 U	0.01 U	0.01 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_49 4-6_080211	SUP_SL_49 6-8_080211	SUP_SL_49 12-14_080211	SUP_SL_49 14-16_080211	SUP_SL_49 8-10_080411	SUP_SL_49 10-12_080411
Methylene Chloride		0.01 U	0.02 U	0.01 U	0.01 U	0.02 UB	0.01 U
Styrene		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Tetrachloroethane, 1,1,2,2-		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Tetrachloroethylene		0.004 U	0.006 U	0.004 U	0.003 UJB	0.004 U	0.004 U
Toluene		0.006 B	0.007 B	0.004 U	0.003 U	0.004 U	0.0007 UB
Trichloroethane, 1,1,1-		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Trichloroethane, 1,1,2-		0.003 U	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Trichloroethylene		0.004 JB	0.006 U	0.004 U	0.0006 UJB	0.004 U	0.004 U
Vinyl Chloride		0.003 J	0.006 U	0.004 U	0.003 U	0.004 U	0.004 U
Xylene, o-		0.01	0.005 J	0.004 U	0.003 U	0.004 U	0.004 U
Xylenes		0.02	0.008 B	0.01 U	0.01 U	0.01 U	0.01 U
m&p-Xylene		0.010	0.004 J	0.007 U	0.007 U	0.009 U	0.009 U
p-Isopropyltoluene		0.02	0.003 B	0.004 U	0.003 U	0.004 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 1-2_08/11/10_SO	SUP_SL_5 2-4_08/11/10_SO	SUP_SL_5 4-6_08/11/10_SO	SUP_SL_5 6-8_08/11/10_SO	SUP_SL_5 8-10_08/11/10_SO	SUP_SL_5 10-12_08/11/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		710.00 ^	820.00 ^	1200.00 ^	830.00 ^	1200.00 ^	1600.00 ^
Cadmium		1.40	1.40	2.30	1.60	2.10	2.80
Lead and Compounds		1200.00 ^ B	1300.00 ^ B	2000.00 ^ B	1500.00 ^ B	1900.00 ^ B	2900.00 ^ B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.10	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 1-2_08/11/10_SO	SUP_SL_5 2-4_08/11/10_SO	SUP_SL_5 4-6_08/11/10_SO	SUP_SL_5 6-8_08/11/10_SO	SUP_SL_5 8-10_08/11/10_SO	SUP_SL_5 10-12_08/11/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
1,3-Dichlorobenzene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
2,2-Dichloropropane		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 1-2_08/11/10_SO	SUP_SL_5 2-4_08/11/10_SO	SUP_SL_5 4-6_08/11/10_SO	SUP_SL_5 6-8_08/11/10_SO	SUP_SL_5 8-10_08/11/10_SO	SUP_SL_5 10-12_08/11/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Bromochloromethane		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.18 U	0.20 U	0.15 U	0.18 U	0.18 U	0.29 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 1-2_08/11/10_SO	SUP_SL_5 2-4_08/11/10_SO	SUP_SL_5 4-6_08/11/10_SO	SUP_SL_5 6-8_08/11/10_SO	SUP_SL_5 8-10_08/11/10_SO	SUP_SL_5 10-12_08/11/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Tetrachloroethane, 1,1,1,2-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Trichlorobenzene, 1,2,4-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Trichlorofluoromethane		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 1-2_08/11/10_SO	SUP_SL_5 2-4_08/11/10_SO	SUP_SL_5 4-6_08/11/10_SO	SUP_SL_5 6-8_08/11/10_SO	SUP_SL_5 8-10_08/11/10_SO	SUP_SL_5 10-12_08/11/10_SO
Trimethylbenzene, 1,2,4-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Trimethylbenzene, 1,3,5-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
cis-1,3-Dichloropropene		0.02 U	0.02 U	0.01 U	0.02 U	0.01 U	0.02 U
sec-Butylbenzene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
trans-1,3-Dichloropropene		0.02 U	0.02 U	0.01 U	0.02 U	0.01 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 U	0.02 U	0.01 U	0.02 U	0.01 U	0.02 U
Bromodichloromethane		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Bromoform		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Bromomethane		0.13 U	0.14 U	0.10 U	0.13 U	0.13 U	0.21 U
Carbon Disulfide							
Carbon Tetrachloride		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.03 U
Chlorobenzene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Chloroform		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Chloromethane		0.36 U	0.40 U	0.29 U	0.37 U	0.36 U	0.59 U
Dibromochloromethane		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Dichlorobenzene, 1,4-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Dichloroethane, 1,1-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Dichloroethane, 1,2-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Dichloroethylene, 1,1-		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.03 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Dichloroethylene, 1,2-trans-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Dichloropropane, 1,2-		0.01 U	0.01 U	0.009 U	0.01 U	0.01 U	0.02 U
Ethyl Chloride		0.36 U	0.40 U	0.29 U	0.37 U	0.36 U	0.59 U
Ethylbenzene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 1-2_08/11/10_SO	SUP_SL_5 2-4_08/11/10_SO	SUP_SL_5 4-6_08/11/10_SO	SUP_SL_5 6-8_08/11/10_SO	SUP_SL_5 8-10_08/11/10_SO	SUP_SL_5 10-12_08/11/10_SO
Methylene Chloride		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Styrene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Tetrachloroethane, 1,1,2,2-		0.009 U	0.01 U	0.007 U	0.009 U	0.009 U	0.02 U
Tetrachloroethylene		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.03 U
Toluene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Trichloroethane, 1,1,1-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Trichloroethane, 1,1,2-		0.01 U	0.01 U	0.009 U	0.01 U	0.01 U	0.02 U
Trichloroethylene		0.02 U	0.02 U	0.01 U	0.02 U	0.01 U	0.02 U
Vinyl Chloride		0.007 U	0.008 U	0.006 U	0.007 U	0.007 U	0.01 U
Xylene, o-		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
Xylenes							
m&p-Xylene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U
p-Isopropyltoluene		0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.06 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 12-14_08/11/10_SO	SUP_SL_5 14-16_08/11/10_SO	SUP_SL_50 1-2_080211	SUP_SL_50 2-4_080211	SUP_SL_50 12-14_080211_DC	SUP_SL_50 14-16_080211
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		2.20 J ^	780.00 ^	146.00	29.60 J	50.60	49.60
Cadmium		0.14 J	1.30	3.70 J	3.80 J	0.34 J	0.30 J
Lead and Compounds		4.20 ^ B	1400.00 ^ B	1630.00	2390.00	52.30	2.50
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.06 U	0.05 U	0.003 U	0.02	0.004	0.003 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 12-14_08/11/10_SO	SUP_SL_5 14-16_08/11/10_SO	SUP_SL_50 1-2_080211	SUP_SL_50 2-4_080211	SUP_SL_50 12-14_080211_DC	SUP_SL_50 14-16_080211
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
1,3-Dichlorobenzene		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
2,2-Dichloropropane		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 12-14_08/11/10_SO	SUP_SL_5 14-16_08/11/10_SO	SUP_SL_50 1-2_080211	SUP_SL_50 2-4_080211	SUP_SL_50 12-14_080211_DC	SUP_SL_50 14-16_080211
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Bromochloromethane		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Cresol, p-chloro-m- Cumene		0.06 U	0.05 U	0.003 U	0.001 J	0.003 U	0.003 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.31 U	0.22 U	0.005 U	0.006 U	0.005 U	0.006 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichlorodifluoromethane		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 12-14_08/11/10_SO	SUP_SL_5 14-16_08/11/10_SO	SUP_SL_50 1-2_080211	SUP_SL_50 2-4_080211	SUP_SL_50 12-14_080211_DC	SUP_SL_50 14-16_080211
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone				0.01 U	0.01 U	0.01 U	0.01 U
Methyl tert-Butyl Ether (MTBE)				0.003 U	0.004 U	0.003 U	0.003 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol				2.00 U	2.18 U	0.43 U	0.43 U
Phenanthrene							
Phenol							
Propyl benzene		0.06 U	0.05 U	0.003 U	0.0009 J	0.003 U	0.003 U
Tetrachloroethane, 1,1,1,2-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-				0.003 U	0.004 U	0.003 U	0.003 U
Trichlorobenzene, 1,2,3-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Trichlorobenzene, 1,2,4-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Trichlorofluoromethane		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 12-14_08/11/10_SO	SUP_SL_5 14-16_08/11/10_SO	SUP_SL_50 1-2_080211	SUP_SL_50 2-4_080211	SUP_SL_50 12-14_080211_DC	SUP_SL_50 14-16_080211
Trimethylbenzene, 1,2,4-		0.06 U	0.05 U	0.003 U	0.01	0.003 U	0.003 U
Trimethylbenzene, 1,3,5-		0.06 U	0.05 U	0.003 U	0.005	0.003 U	0.003 U
cis-1,3-Dichloropropene		0.03 U	0.02 U	0.003 U	0.004 U	0.003 U	0.003 U
sec-Butylbenzene		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
tert-Amylmethyl ether				0.003 U	0.004 U	0.003 U	0.003 U
tert-Butylbenzene		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
trans-1,3-Dichloropropene		0.03 U	0.02 U	0.003 U	0.004 U	0.003 U	0.003 U
Volatile Organic Compounds (mg/kg)							
Acetone				0.009 UB	0.23 B	0.03 UB	0.05 UB
Benzene		0.03 U	0.02 U	0.003 U	0.002 B	0.0003 UB	0.0002 UB
Bromodichloromethane		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Bromoform		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Bromomethane		0.22 U	0.16 U	0.003 U	0.004 U	0.003 U	0.003 U
Carbon Disulfide				0.002 UB	0.02 B	0.003 UB	0.003 UB
Carbon Tetrachloride		0.03 U	0.02 U	0.003 U	0.004 U	0.003 U	0.003 U
Chlorobenzene		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Chloroform		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Chloromethane		0.62 U	0.45 U	0.003 U	0.004 U	0.003 U	0.003 U
Dibromochloromethane		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichlorobenzene, 1,4-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloroethane, 1,1-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloroethane, 1,2-		0.06 U	0.05 U	0.003 U	0.006	0.003 U	0.003 U
Dichloroethylene, 1,1-		0.03 U	0.02 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloroethylene, 1,2- (Mixed Isomers)				0.006 U	0.003 J	0.007 U	0.007 U
Dichloroethylene, 1,2-cis-		0.06 U	0.05 U	0.003 U	0.003 J	0.003 U	0.003 U
Dichloroethylene, 1,2-trans-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Dichloropropane, 1,2-		0.02 U	0.01 U	0.003 U	0.004 U	0.003 U	0.003 U
Ethyl Chloride		0.62 U	0.45 U	0.003 U	0.004 U	0.003 U	0.003 U
Ethylbenzene		0.06 U	0.05 U	0.003 U	0.001 J	0.003 U	0.003 U
Hexanone, 2-				0.01 U	0.01 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)				0.01 U	0.05	0.01 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_5 12-14_08/11/10_SO	SUP_SL_5 14-16_08/11/10_SO	SUP_SL_50 1-2_080211	SUP_SL_50 2-4_080211	SUP_SL_50 12-14_080211_DC	SUP_SL_50 14-16_080211
Methylene Chloride		0.06 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
Styrene		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Tetrachloroethane, 1,1,2,2-		0.02 U	0.01 U	0.003 U	0.004 U	0.003 U	0.003 U
Tetrachloroethylene		0.03 U	0.02 U	0.002 UJB	0.004 U	0.001 UB	0.0010 UB
Toluene		0.004 J	0.05 U	0.003 U	0.002 J	0.003 U	0.003 U
Trichloroethane, 1,1,1-		0.06 U	0.05 U	0.003 U	0.004 U	0.003 U	0.003 U
Trichloroethane, 1,1,2-		0.02 U	0.01 U	0.003 U	0.004 U	0.003 U	0.003 U
Trichloroethylene		0.03 U	0.02 U	0.003 U	0.0008 J	0.003 U	0.003 U
Vinyl Chloride		0.01 U	0.009 U	0.003 U	0.003 J	0.003 U	0.003 U
Xylene, o-		0.06 U	0.05 U	0.003 U	0.006	0.003 U	0.003 U
Xylenes				0.009 U	0.009 J	0.010 U	0.01 U
m&p-Xylene		0.06 U	0.05 U	0.006 U	0.003 J	0.007 U	0.007 U
p-Isopropyltoluene		0.06 U	0.05 U	0.003 U	0.01	0.003 U	0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_50 8-10_080411	SUP_SL_50 10-12_080411	SUP_SL_51 0-1_080311	SUP_SL_51 1-2_080311	SUP_SL_51 2-4_080311	SUP_SL_51 4-6_080311
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		342.00	37.30	6.00 J	8.90 J	6.10 J	13.10 J
Cadmium		1.40 J	0.37 J	4.90 U	1.00 U	4.90 U	0.16 B
Lead and Compounds		86.40 J	10.30 J	3.40	73.80	14.30	42.70
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.002 J	0.004 U	0.003 U	0.08	0.007	0.010 J
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_50 8-10_080411	SUP_SL_50 10-12_080411	SUP_SL_51 0-1_080311	SUP_SL_51 1-2_080311	SUP_SL_51 2-4_080311	SUP_SL_51 4-6_080311
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)				17.00 U	301.00	121.00	175.00
Gasoline Range Organics (~C4~C12)				0.62 UB	11.10 B	0.99 UB	4.30 B
Motor Oil Range Organics (~C14~C50)				52.20 J	3530.00	125.00	857.00
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
1,3-Dichlorobenzene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
2,2-Dichloropropane		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_50 8-10_080411	SUP_SL_50 10-12_080411	SUP_SL_51 0-1_080311	SUP_SL_51 1-2_080311	SUP_SL_51 2-4_080311	SUP_SL_51 4-6_080311
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Bromochloromethane		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Di-n-octyl Phthalate		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.007 U	0.004 U	0.007 U	0.005 U	0.008 UJ
Dibutyl Phthalate		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_50 8-10_080411	SUP_SL_50 10-12_080411	SUP_SL_51 0-1_080311	SUP_SL_51 1-2_080311	SUP_SL_51 2-4_080311	SUP_SL_51 4-6_080311
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.01 U 0.004 U	0.009 U 0.003 U	0.01 U 0.004 U	0.01 U 0.003 U	0.02 UJ 0.005 UJ
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.51 U	0.48 U				
Phenanthrene Phenol Propyl benzene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.0003 UB 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_50 8-10_080411	SUP_SL_50 10-12_080411	SUP_SL_51 0-1_080311	SUP_SL_51 1-2_080311	SUP_SL_51 2-4_080311	SUP_SL_51 4-6_080311
Trimethylbenzene, 1,2,4-		0.0009 J	0.004 U	0.003 U	0.001 J	0.003 U	0.001 J
Trimethylbenzene, 1,3,5-		0.0005 J	0.004 U	0.003 U	0.0005 J	0.003 U	0.005 UJ
cis-1,3-Dichloropropene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
sec-Butylbenzene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
tert-Amylmethyl ether		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
tert-Butylbenzene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
trans-1,3-Dichloropropene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Volatile Organic Compounds (mg/kg)							
Acetone		0.02 J	0.02 J	0.16 B	0.08 UB	0.04 UB	0.11 JB
Benzene		0.0004 J	0.004 U	0.003 U	0.001 B	0.005 B	0.01 JB
Bromodichloromethane		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Bromoform		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Bromomethane		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Carbon Disulfide		0.006 B	0.006 B	0.003 U	0.005 B	0.002 UB	0.002 UJB
Carbon Tetrachloride		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Chlorobenzene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Chloroform		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Chloromethane		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dibromochloromethane		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dichlorobenzene, 1,4-		0.0006 J	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dichloroethane, 1,1-		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dichloroethane, 1,2-		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dichloroethylene, 1,1-		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U	0.008 U	0.005 U	0.008 U	0.006 U	0.009 UJ
Dichloroethylene, 1,2-cis-		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dichloroethylene, 1,2-trans-		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Dichloropropane, 1,2-		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Ethyl Chloride		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Ethylbenzene		0.004 U	0.004 U	0.003 U	0.005	0.003 U	0.0007 J
Hexanone, 2-		0.01 U	0.01 U	0.009 U	0.01 U	0.01 U	0.02 UJ
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U	0.009 U	0.01 U	0.008 J	0.02 UJ

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_50 8-10_080411	SUP_SL_50 10-12_080411	SUP_SL_51 0-1_080311	SUP_SL_51 1-2_080311	SUP_SL_51 2-4_080311	SUP_SL_51 4-6_080311
Methylene Chloride		0.01 U	0.01 U	0.009 U	0.01 UB	0.010 UB	0.01 UJB
Styrene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Tetrachloroethane, 1,1,2,2-		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Tetrachloroethylene		0.004 U	0.004 U	0.003 U	0.002 UB	0.002 UB	0.002 UJB
Toluene		0.004 U	0.004 U	0.003 U	0.001 UB	0.003 B	0.01 JB
Trichloroethane, 1,1,1-		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Trichloroethane, 1,1,2-		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Trichloroethylene		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Vinyl Chloride		0.004 U	0.004 U	0.003 U	0.004 U	0.003 U	0.005 UJ
Xylene, o-		0.004 U	0.004 U	0.003 U	0.002 J	0.003 U	0.001 J
Xylenes		0.01 U	0.01 U	0.008 U	0.01	0.0009 J	0.004 J
m&p-Xylene		0.007 U	0.008 U	0.005 U	0.01	0.0009 J	0.003 J
p-Isopropyltoluene		0.001 J	0.004 U	0.003 U	0.0006 J	0.003 U	0.0010 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_51 6-8_080311	SUP_SL_51 8-10_080311	SUP_SL_51 10-12_080311	SUP_SL_51 12-14_080311	SUP_SL_51 14-16_080311	SUP_SL_52 1-2_080411
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		44.40 J	675.00	271.00	10.90 J	5.20	2.60
Cadmium		0.37 B	7.10 B	2.30 B	5.90 U	1.00 U	0.07 J
Lead and Compounds		38.50	12.80 J	6.70	2.70	2.10	24.40 J
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.03	0.02 J	0.005 U	0.004 U	0.004 U	0.0010 UJB
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_51 6-8_080311	SUP_SL_51 8-10_080311	SUP_SL_51 10-12_080311	SUP_SL_51 12-14_080311	SUP_SL_51 14-16_080311	SUP_SL_52 1-2_080411
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		233.00	23.60 U	24.50 U	22.00 U	20.00 U	17.10 J
Gasoline Range Organics (~C4~C12)		2.20 UB	1.80 UB	2.90 UB	1.50 UB	0.83 UB	0.97 UB
Motor Oil Range Organics (~C14~C50)		118.00	94.60 U	98.00 U	88.20 U	79.90 U	69.30 J
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
1,3-Dichlorobenzene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
2,2-Dichloropropane		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_51 6-8_080311	SUP_SL_51 8-10_080311	SUP_SL_51 10-12_080311	SUP_SL_51 12-14_080311	SUP_SL_51 14-16_080311	SUP_SL_52 1-2_080411
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Bromochloromethane		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Cresol, p-chloro-m- Cumene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.007 U	0.008 UJ	0.008 U	0.007 U	0.006 U	0.007 UJ
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dichlorodifluoromethane		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Diethyl Phthalate Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_51 6-8_080311	SUP_SL_51 8-10_080311	SUP_SL_51 10-12_080311	SUP_SL_51 12-14_080311	SUP_SL_51 14-16_080311	SUP_SL_52 1-2_080411
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.02 UJ 0.005 UJ	0.02 U 0.005 U	0.01 U 0.004 U	0.01 U 0.004 U	0.01 UJ 0.004 UJ
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 UJ 0.004 UJ 0.0005 UJB 0.0004 UJB 0.004 UJ 0.004 UJ 0.004 UJ

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_51 6-8_080311	SUP_SL_51 8-10_080311	SUP_SL_51 10-12_080311	SUP_SL_51 12-14_080311	SUP_SL_51 14-16_080311	SUP_SL_52 1-2_080411
Trimethylbenzene, 1,2,4-		0.0010 J	0.002 J	0.005 U	0.004 U	0.004 U	0.004 UJ
Trimethylbenzene, 1,3,5-		0.004 U	0.0006 J	0.005 U	0.004 U	0.004 U	0.004 UJ
cis-1,3-Dichloropropene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
sec-Butylbenzene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
tert-Amylmethyl ether		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
tert-Butylbenzene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
trans-1,3-Dichloropropene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Volatile Organic Compounds (mg/kg)							
Acetone		0.08 UB	0.14 JB	0.38 B	0.13 B	0.04 UB	0.02 UJB
Benzene		0.002 B	0.003 JB	0.005 B	0.002 B	0.0004 UB	0.004 UJ
Bromodichloromethane		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Bromoform		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Bromomethane		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Carbon Disulfide		0.004 UB	0.003 UJB	0.009 B	0.010 B	0.003 UB	0.004 UJ
Carbon Tetrachloride		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Chlorobenzene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Chloroform		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Chloromethane		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dibromochloromethane		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dichlorobenzene, 1,4-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dichloroethane, 1,1-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dichloroethane, 1,2-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dichloroethylene, 1,1-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dichloroethylene, 1,2- (Mixed Isomers)		0.009 U	0.01 UJ	0.010 U	0.008 U	0.007 U	0.008 UJ
Dichloroethylene, 1,2-cis-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dichloroethylene, 1,2-trans-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Dichloropropane, 1,2-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Ethyl Chloride		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Ethylbenzene		0.004 U	0.0006 J	0.005 U	0.004 U	0.004 U	0.004 UJ
Hexanone, 2-		0.01 U	0.02 UJ	0.02 U	0.01 U	0.01 U	0.01 UJ
Methyl Ethyl Ketone (2-Butanone)		0.02	0.04 J	0.10	0.01 U	0.01 U	0.01 UJ

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_51 6-8_080311	SUP_SL_51 8-10_080311	SUP_SL_51 10-12_080311	SUP_SL_51 12-14_080311	SUP_SL_51 14-16_080311	SUP_SL_52 1-2_080411
Methylene Chloride		0.01 UB	0.02 UJB	0.01 UB	0.01 UB	0.01 UB	0.03 UJB
Styrene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Tetrachloroethane, 1,1,2,2-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Tetrachloroethylene		0.002 UB	0.002 UJB	0.002 UB	0.002 UB	0.0009 UB	0.004 UJ
Toluene		0.003 B	0.004 JB	0.002 UB	0.001 UB	0.004 U	0.004 UJ
Trichloroethane, 1,1,1-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Trichloroethane, 1,1,2-		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Trichloroethylene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Vinyl Chloride		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ
Xylene, o-		0.0008 J	0.0010 J	0.005 U	0.004 U	0.004 U	0.004 UJ
Xylenes		0.002 J	0.003 J	0.01 U	0.01 U	0.01 U	0.01 UJ
m&p-Xylene		0.002 J	0.002 J	0.010 U	0.008 U	0.007 U	0.008 UJ
p-Isopropyltoluene		0.004 U	0.005 UJ	0.005 U	0.004 U	0.004 U	0.004 UJ

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 2-4_080411	SUP_SL_52 4-6_080411	SUP_SL_52 6-8_080411	SUP_SL_52 8-10_080411	SUP_SL_52 10-12_080411	SUP_SL_52 12-14_080411
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		8.40 U	6.30	2.90	288.00	16000.00	257.00
Cadmium		0.10 J	0.17 J	0.12 J	1.40	84.90	1.20 J
Lead and Compounds		16.30 J	50.10 J	27.20 J	48.20 J	31400.00 J	23.60 J
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.0009 UB	0.003 U	0.003 U	0.004 U	0.0010 J	0.003 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 2-4_080411	SUP_SL_52 4-6_080411	SUP_SL_52 6-8_080411	SUP_SL_52 8-10_080411	SUP_SL_52 10-12_080411	SUP_SL_52 12-14_080411
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		49.00	29.00	155.00	136.00	28.30	10.40 J
Gasoline Range Organics (~C4~C12)		0.90 UB	7.20 B	1.80 UB	6.10 B	1.70 UB	1.00 UB
Motor Oil Range Organics (~C14~C50)		39.40 J	186.00	1250.00	98.70	134.00	80.50 U
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
1,3-Dichlorobenzene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
2,2-Dichloropropane		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 2-4_080411	SUP_SL_52 4-6_080411	SUP_SL_52 6-8_080411	SUP_SL_52 8-10_080411	SUP_SL_52 10-12_080411	SUP_SL_52 12-14_080411
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Bromochloromethane		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Di-n-octyl Phthalate		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.007 U	0.006 U	0.005 U	0.006 U	0.008 U	0.006 U
Dibutyl Phthalate		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 2-4_080411	SUP_SL_52 4-6_080411	SUP_SL_52 6-8_080411	SUP_SL_52 8-10_080411	SUP_SL_52 10-12_080411	SUP_SL_52 12-14_080411
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.01 U 0.003 U	0.010 U 0.003 U	0.01 U 0.004 U	0.02 U 0.005 U	0.01 U 0.003 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 2-4_080411	SUP_SL_52 4-6_080411	SUP_SL_52 6-8_080411	SUP_SL_52 8-10_080411	SUP_SL_52 10-12_080411	SUP_SL_52 12-14_080411
Trimethylbenzene, 1,2,4-		0.004 U	0.003 U	0.003 U	0.009	0.005 U	0.003 U
Trimethylbenzene, 1,3,5-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
cis-1,3-Dichloropropene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
sec-Butylbenzene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
tert-Amylmethyl ether		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
tert-Butylbenzene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
trans-1,3-Dichloropropene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.01 UB	0.02 UB	0.03 B	0.03 B	0.38 B	0.03 B
Benzene		0.002 B	0.003 B	0.002 B	0.001 B	0.003 B	0.001 B
Bromodichloromethane		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Bromoform		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Bromomethane		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Carbon Disulfide		0.0010 UB	0.003 UB	0.002 UB	0.01 B	0.003 UB	0.006 UB
Carbon Tetrachloride		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Chlorobenzene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Chloroform		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Chloromethane		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dibromochloromethane		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dichlorobenzene, 1,4-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dichloroethane, 1,1-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dichloroethane, 1,2-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dichloroethylene, 1,1-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.008 U	0.007 U	0.006 U	0.007 U	0.010 U	0.007 U
Dichloroethylene, 1,2-cis-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dichloroethylene, 1,2-trans-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Dichloropropane, 1,2-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Ethyl Chloride		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Ethylbenzene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Hexanone, 2-		0.01 U	0.01 U	0.010 U	0.01 U	0.02 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.006 J	0.010 U	0.01 U	0.04	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 2-4_080411	SUP_SL_52 4-6_080411	SUP_SL_52 6-8_080411	SUP_SL_52 8-10_080411	SUP_SL_52 10-12_080411	SUP_SL_52 12-14_080411
Methylene Chloride		0.01 U	0.01 U	0.010 U	0.01 U	0.02 U	0.01 U
Styrene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Tetrachloroethylene		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Toluene		0.0005 UB	0.0006 UB	0.0004 UB	0.004 U	0.0007 UB	0.001 UB
Trichloroethane, 1,1,1-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Trichloroethane, 1,1,2-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Trichloroethylene		0.004 U	0.003 U	0.003 U	0.004 U	0.0006 J	0.003 U
Vinyl Chloride		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Xylene, o-		0.004 U	0.003 U	0.003 U	0.004 U	0.005 U	0.003 U
Xylenes		0.01 U	0.010 U	0.009 U	0.01 U	0.01 U	0.01 U
m&p-Xylene		0.008 U	0.007 U	0.006 U	0.007 U	0.010 U	0.007 U
p-Isopropyltoluene		0.004 U	0.003	0.003 U	0.006	0.001 J	0.0007 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 14-16_080411	SUP_SL_53 0-1_080311	SUP_SL_53 1-2_080311	SUP_SL_53 2-4_080311	SUP_SL_53 4-6_080311	SUP_SL_53 6-8_080311
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		431.00	249.00	2340.00	2570.00	2540.00	26.50
Cadmium		1.90 J	3.10 B	46.10 U	25.40 B	24.40 B	6.00 U
Lead and Compounds		2.80 J	316.00	3220.00	3520.00	3750.00	26.70
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.003 U	0.31	49.60 B	0.009	0.004	0.005 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 14-16_080411	SUP_SL_53 0-1_080311	SUP_SL_53 1-2_080311	SUP_SL_53 2-4_080311	SUP_SL_53 4-6_080311	SUP_SL_53 6-8_080311
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		20.60 U	1300.00	8440.00	8.00 J	16.20 U	186.00
Gasoline Range Organics (~C4~C12)		0.73 UB	89.30 JB	433.00 JB	2.00 UJB	1.10 UJB	3.30 UJB
Motor Oil Range Organics (~C14~C50)		82.50 U	2320.00	10500.00	63.70 U	64.80 U	185.00
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
1,3-Dichlorobenzene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
2,2-Dichloropropane		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 14-16_080411	SUP_SL_53 0-1_080311	SUP_SL_53 1-2_080311	SUP_SL_53 2-4_080311	SUP_SL_53 4-6_080311	SUP_SL_53 6-8_080311
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Bromochloromethane		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.003 U	0.009 U	0.004 U	0.0006 UB	0.002 U	0.005 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Cresol, p-chloro-m- Cumene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Di-n-octyl Phthalate		0.003 U	0.007 J	0.006	0.003 U	0.002 U	0.005 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.01 U	0.006 U	0.004 U	0.004 U	0.007 U
Dibutyl Phthalate		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.003 U	0.002 J	0.004 U	0.003 U	0.002 U	0.005 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 14-16_080411	SUP_SL_53 0-1_080311	SUP_SL_53 1-2_080311	SUP_SL_53 2-4_080311	SUP_SL_53 4-6_080311	SUP_SL_53 6-8_080311
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.003 U	0.03 U 0.009 U	0.01 U 0.004 U	0.009 U 0.003 U	0.008 U 0.002 U	0.01 U 0.005 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.003 U	0.009 J	0.01	0.003 U	0.002 U	0.005 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.009 U 0.009 U 0.009 U 0.009 U 0.009 U	0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.002 U 0.002 U 0.002 U 0.002 U 0.002 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 14-16_080411	SUP_SL_53 0-1_080311	SUP_SL_53 1-2_080311	SUP_SL_53 2-4_080311	SUP_SL_53 4-6_080311	SUP_SL_53 6-8_080311
Trimethylbenzene, 1,2,4-		0.003 U	0.12	0.16	0.002 UB	0.0010 UB	0.0010 UB
Trimethylbenzene, 1,3,5-		0.003 U	0.04	0.05	0.0008 UB	0.0003 UB	0.005 U
cis-1,3-Dichloropropene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
sec-Butylbenzene		0.003 U	0.009 U	0.008	0.003 U	0.002 U	0.005 U
tert-Amylmethyl ether		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
tert-Butylbenzene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
trans-1,3-Dichloropropene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.02 UB	0.50 B	0.38 B	0.004 J	0.003 J	0.03 J
Benzene		0.0003 UB	0.006 B	0.003 B	0.0005 UB	0.0005 UB	0.001 UB
Bromodichloromethane		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Bromoform		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Bromomethane		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Carbon Disulfide		0.003 UB	0.01 B	0.003 UB	0.0005 J	0.0009 J	0.005 U
Carbon Tetrachloride		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Chlorobenzene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Chloroform		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Chloromethane		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Dibromochloromethane		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Dichlorobenzene, 1,4-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Dichloroethane, 1,1-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Dichloroethane, 1,2-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Dichloroethylene, 1,1-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U	0.004 J	0.03	0.008	0.003 J	0.009 U
Dichloroethylene, 1,2-cis-		0.003 U	0.004 J	0.02	0.004	0.001 J	0.005 U
Dichloroethylene, 1,2-trans-		0.003 U	0.009 U	0.004	0.004	0.001 J	0.005 U
Dichloropropane, 1,2-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Ethyl Chloride		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Ethylbenzene		0.003 U	0.01	0.008	0.0005 UB	0.0004 UB	0.0007 UB
Hexanone, 2-		0.01 U	0.03 U	0.01 U	0.009 U	0.008 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.03 U	0.05	0.005 J	0.004 J	0.02

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_52 14-16_080411	SUP_SL_53 0-1_080311	SUP_SL_53 1-2_080311	SUP_SL_53 2-4_080311	SUP_SL_53 4-6_080311	SUP_SL_53 6-8_080311
Methylene Chloride		0.01 U	0.03 U	0.01 UB	0.002 UB	0.008 U	0.01 U
Styrene		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Tetrachloroethane, 1,1,2,2-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Tetrachloroethylene		0.003 U	0.001 UB	0.002 UB	0.003 U	0.002 U	0.005 U
Toluene		0.0004 UB	0.08 B	0.01 B	0.0010 UB	0.0008 UB	0.001 UB
Trichloroethane, 1,1,1-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Trichloroethane, 1,1,2-		0.003 U	0.009 U	0.004 U	0.003 U	0.002 U	0.005 U
Trichloroethylene		0.003 U	0.009 U	0.01	0.002 J	0.0010 J	0.005 U
Vinyl Chloride		0.003 U	0.004 J	0.004 U	0.001 J	0.0010 J	0.005 U
Xylene, o-		0.003 U	0.03	0.03	0.0007 UB	0.0005 UB	0.0007 UB
Xylenes		0.01 U	0.06	0.06	0.003 UB	0.002 UB	0.003 UB
m&p-Xylene		0.007 U	0.03	0.03	0.002 UB	0.002 UB	0.003 UB
p-Isopropyltoluene		0.0006 J	0.37	0.04	0.0007 UB	0.0005 UB	0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_53 8-10_080311	SUP_SL_53 10-12_080311	SUP_SL_53 12-14_080311	SUP_SL_53 14-16_080311	SUP_SL_54 0-1_080411	SUP_SL_54 1-2_080411
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		319.00	54.10	71.00	10.40	9.00 U	1.70 J
Cadmium		2.80 B	6.90 U	0.15 B	1.10 U	4.50 U	0.07 J
Lead and Compounds		250.00	8.30	53.10	1.80	10.90 J	13.50 J
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.005	0.005 U	0.004 U	0.003 U	0.003 U	0.0010 J
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_53 8-10_080311	SUP_SL_53 10-12_080311	SUP_SL_53 12-14_080311	SUP_SL_53 14-16_080311	SUP_SL_54 0-1_080411	SUP_SL_54 1-2_080411
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		21.90 U	23.50 U	20.70 U	18.90 UJ	26.10	22.40 U
Gasoline Range Organics (~C4~C12)		2.40 UJB	1.90 UJB	0.93 UJB	0.69 UJB	2.50 UB	0.80 UB
Motor Oil Range Organics (~C14~C50)		79.00 J	93.80 U	82.60 U	75.50 UJ	198.00	89.50 U
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
1,3-Dichlorobenzene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
2,2-Dichloropropane		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_53 8-10_080311	SUP_SL_53 10-12_080311	SUP_SL_53 12-14_080311	SUP_SL_53 14-16_080311	SUP_SL_54 0-1_080411	SUP_SL_54 1-2_080411
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromochloromethane		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Cresol, p-chloro-m- Cumene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.007 U	0.008 U	0.006 U	0.005 U	0.006 U	0.006 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichlorodifluoromethane		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_53 8-10_080311	SUP_SL_53 10-12_080311	SUP_SL_53 12-14_080311	SUP_SL_53 14-16_080311	SUP_SL_54 0-1_080411	SUP_SL_54 1-2_080411
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.02 U 0.005 U	0.01 U 0.004 U	0.01 U 0.003 U	0.01 U 0.003 U	0.01 U 0.004 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.0009 UB
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_53 8-10_080311	SUP_SL_53 10-12_080311	SUP_SL_53 12-14_080311	SUP_SL_53 14-16_080311	SUP_SL_54 0-1_080411	SUP_SL_54 1-2_080411
Trimethylbenzene, 1,2,4-		0.002 UB	0.001 UB	0.004 U	0.003 U	0.003 U	0.004 U
Trimethylbenzene, 1,3,5-		0.0005 UB	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
cis-1,3-Dichloropropene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
sec-Butylbenzene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
tert-Amylmethyl ether		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
tert-Butylbenzene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
trans-1,3-Dichloropropene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.07 J	0.04 J	0.02 UB	0.01 J	0.009 UB	0.01 UJB
Benzene		0.001 UB	0.001 UB	0.0003 UB	0.0006 UB	0.0004 UB	0.001 B
Bromodichloromethane		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromoform		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Bromomethane		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Carbon Disulfide		0.15	0.005	0.002 J	0.002 J	0.0009 UB	0.0008 UJB
Carbon Tetrachloride		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Chlorobenzene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Chloroform		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Chloromethane		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dibromochloromethane		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichlorobenzene, 1,4-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethane, 1,1-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethane, 1,2-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,1-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.0010 J	0.010 U	0.008 U	0.007 U	0.007 U	0.007 U
Dichloroethylene, 1,2-cis-		0.0010 J	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloroethylene, 1,2-trans-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Dichloropropane, 1,2-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Ethyl Chloride		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Ethylbenzene		0.0007 UB	0.0007 UB	0.004 U	0.003 U	0.003 U	0.004 U
Hexanone, 2-		0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.03	0.02	0.01 U	0.01 U	0.01 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_53 8-10_080311	SUP_SL_53 10-12_080311	SUP_SL_53 12-14_080311	SUP_SL_53 14-16_080311	SUP_SL_54 0-1_080411	SUP_SL_54 1-2_080411
Methylene Chloride		0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U
Styrene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Tetrachloroethylene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Toluene		0.001 UB	0.001 UB	0.004 U	0.0007 UB	0.003 U	0.0005 UB
Trichloroethane, 1,1,1-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Trichloroethane, 1,1,2-		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Trichloroethylene		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Vinyl Chloride		0.004 U	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U
Xylene, o-		0.0007 UB	0.0007 UB	0.004 U	0.003 U	0.003 U	0.004 U
Xylenes		0.003 UB	0.004 UB	0.01 U	0.002 UB	0.010 U	0.01 U
m&p-Xylene		0.002 UB	0.003 UB	0.008 U	0.002 UB	0.007 U	0.007 U
p-Isopropyltoluene		0.001 UB	0.005 U	0.004 U	0.003 U	0.003 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 2-4_080411	SUP_SL_54 4-6_080411	SUP_SL_54 6-8_080411	SUP_SL_54 8-10_080411	SUP_SL_54 10-12_080411	SUP_SL_54 12-14_080411
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		3.20	88.30	128.00	12.60	5.60 J	3.30 J
Cadmium		0.24 J	0.44 J	0.59 J	0.13 J	0.20 J	0.17 J
Lead and Compounds		22.70 J	793.00 J	115.00 J	22.50 J	4.30 B	12.20 B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 2-4_080411	SUP_SL_54 4-6_080411	SUP_SL_54 6-8_080411	SUP_SL_54 8-10_080411	SUP_SL_54 10-12_080411	SUP_SL_54 12-14_080411
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		171.00	65.70	13.10 J	23.40 U	23.70 U	22.30 U
Gasoline Range Organics (~C4~C12)		1.70 UB	1.50 UB	1.10 UB	1.00 UB	1.20 UB	0.90 UB
Motor Oil Range Organics (~C14~C50)		399.00	664.00	91.80 U	93.40 U	94.90 U	89.10 U
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
1,3-Dichlorobenzene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
2,2-Dichloropropane		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 2-4_080411	SUP_SL_54 4-6_080411	SUP_SL_54 6-8_080411	SUP_SL_54 8-10_080411	SUP_SL_54 10-12_080411	SUP_SL_54 12-14_080411
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Bromochloromethane		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Cresol, p-chloro-m- Cumene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.006 U	0.007 U	0.008 U	0.009 U	0.006 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dichlorodifluoromethane		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 2-4_080411	SUP_SL_54 4-6_080411	SUP_SL_54 6-8_080411	SUP_SL_54 8-10_080411	SUP_SL_54 10-12_080411	SUP_SL_54 12-14_080411
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.01 U 0.004 U	0.01 U 0.004 U	0.01 U 0.005 U	0.02 U 0.005 U	0.01 U 0.004 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 2-4_080411	SUP_SL_54 4-6_080411	SUP_SL_54 6-8_080411	SUP_SL_54 8-10_080411	SUP_SL_54 10-12_080411	SUP_SL_54 12-14_080411
Trimethylbenzene, 1,2,4-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Trimethylbenzene, 1,3,5-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
cis-1,3-Dichloropropene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
sec-Butylbenzene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
tert-Amylmethyl ether		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
tert-Butylbenzene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
trans-1,3-Dichloropropene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.010 UB	0.02 UB	0.02 UB	0.03 UB	0.05 B	0.02 UB
Benzene		0.002 B	0.0006 UB	0.0004 UB	0.0003 UB	0.0004 UB	0.0003 UB
Bromodichloromethane		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Bromoform		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Bromomethane		0.005	0.002 J	0.004 U	0.005 U	0.005 U	0.004 U
Carbon Disulfide		0.0007 UB	0.002 UB	0.02 B	0.02 B	0.03 B	0.010 UB
Carbon Tetrachloride		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Chlorobenzene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Chloroform		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Chloromethane		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dibromochloromethane		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dichlorobenzene, 1,4-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dichloroethane, 1,1-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dichloroethane, 1,2-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dichloroethylene, 1,1-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U	0.007 U	0.008 U	0.009 U	0.01 U	0.007 U
Dichloroethylene, 1,2-cis-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dichloroethylene, 1,2-trans-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Dichloropropane, 1,2-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Ethyl Chloride		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Ethylbenzene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Hexanone, 2-		0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 2-4_080411	SUP_SL_54 4-6_080411	SUP_SL_54 6-8_080411	SUP_SL_54 8-10_080411	SUP_SL_54 10-12_080411	SUP_SL_54 12-14_080411
Methylene Chloride		0.01 U	0.005 UB	0.005 UB	0.007 UB	0.008 UB	0.006 UB
Styrene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Tetrachloroethylene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Toluene		0.0005 UB	0.004 U	0.004 U	0.005 B	0.004 B	0.004 U
Trichloroethane, 1,1,1-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Trichloroethane, 1,1,2-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Trichloroethylene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Vinyl Chloride		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Xylene, o-		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U
Xylenes		0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
m&p-Xylene		0.007 U	0.007 U	0.008 U	0.009 U	0.01 U	0.007 U
p-Isopropyltoluene		0.004 U	0.004 U	0.004 U	0.005 U	0.005 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 14-16_080411	SUP_SL_55 6-8_080311	SUP_SL_55 10-12_080311	SUP_SL_55 12-14_080311	SUP_SL_55 14-16_080311	SUP_SL_6 1-2_08/11/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		9.70 U	131.00	10.00 J	55.30	2.90	780.00 ^
Cadmium		4.80 U					1.50
Lead and Compounds		2.90 B	107.00	4.00	47.20	2.90	1400.00 ^ B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.003 U	0.09	0.005 U	0.004 U	0.003 U	0.04 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 14-16_080411	SUP_SL_55 6-8_080311	SUP_SL_55 10-12_080311	SUP_SL_55 12-14_080311	SUP_SL_55 14-16_080311	SUP_SL_6 1-2_08/11/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		20.80 U	24.50 UJ	29.00 UJ	20.70 UJ	20.00 UJ	
Gasoline Range Organics (~C4~C12)		0.72 UB	2.80 UJB	2.10 UJB	0.95 UJB	0.73 UJB	
Motor Oil Range Organics (~C14~C50)		83.10 U	97.90 UJ	116.00 UJ	82.90 UJ	80.00 UJ	
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
1,3-Dichlorobenzene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
2,2-Dichloropropane		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 14-16_080411	SUP_SL_55 6-8_080311	SUP_SL_55 10-12_080311	SUP_SL_55 12-14_080311	SUP_SL_55 14-16_080311	SUP_SL_6 1-2_08/11/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Bromochloromethane		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.003 U	0.002 UB	0.005 U	0.004 U	0.003 U	0.04 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Cresol, p-chloro-m- Cumene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.008 U	0.008 U	0.007 U	0.005 U	0.22 U
Dibutyl Phthalate		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 14-16_080411	SUP_SL_55 6-8_080311	SUP_SL_55 10-12_080311	SUP_SL_55 12-14_080311	SUP_SL_55 14-16_080311	SUP_SL_6 1-2_08/11/10_SO
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.003 U	0.02 U 0.005 U	0.02 U 0.005 U	0.01 U 0.004 U	0.01 U 0.003 U	
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.003 U	0.0009 UB	0.005 U	0.004 U	0.003 U	0.04 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.04 U 0.04 U 0.04 U 0.04 U 0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 14-16_080411	SUP_SL_55 6-8_080311	SUP_SL_55 10-12_080311	SUP_SL_55 12-14_080311	SUP_SL_55 14-16_080311	SUP_SL_6 1-2_08/11/10_SO
Trimethylbenzene, 1,2,4-		0.003 U	0.01 B	0.0010 UB	0.0010 UB	0.0006 UB	0.04 U
Trimethylbenzene, 1,3,5-		0.003 U	0.003 J	0.005 U	0.004 U	0.003 U	0.04 U
cis-1,3-Dichloropropene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.02 U
sec-Butylbenzene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
tert-Amylmethyl ether		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	
tert-Butylbenzene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
trans-1,3-Dichloropropene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.01 UB	0.009 UB	0.02 UB	0.03 UB	0.009 UB	
Benzene		0.0002 UB	0.0009 B	0.0009 UB	0.0007 UB	0.0005 UB	0.02 U
Bromodichloromethane		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Bromoform		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Bromomethane		0.003 U	0.005 U	0.005 U	0.004 J	0.003 U	0.15 U
Carbon Disulfide		0.006 UB	0.001 J	0.003 UB	0.006 B	0.0004 UB	
Carbon Tetrachloride		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.02 U
Chlorobenzene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Chloroform		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Chloromethane		0.003 U	0.0005 J	0.005 U	0.001 J	0.0004 J	0.44 U
Dibromochloromethane		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Dichlorobenzene, 1,4-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Dichloroethane, 1,1-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Dichloroethane, 1,2-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Dichloroethylene, 1,1-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U	0.009 U	0.010 U	0.008 U	0.006 U	
Dichloroethylene, 1,2-cis-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Dichloroethylene, 1,2-trans-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Dichloropropane, 1,2-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.01 U
Ethyl Chloride		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.44 U
Ethylbenzene		0.003 U	0.0009 J	0.005 U	0.004 U	0.003 U	0.04 U
Hexanone, 2-		0.01 U	0.02 U	0.02 U	0.01 U	0.01 U	
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.02 U	0.02 U	0.01 U	0.01 U	

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_54 14-16_080411	SUP_SL_55 6-8_080311	SUP_SL_55 10-12_080311	SUP_SL_55 12-14_080311	SUP_SL_55 14-16_080311	SUP_SL_6 1-2_08/11/10_SO
Methylene Chloride		0.005 UB	0.006 UB	0.02 U	0.01 U	0.01 U	0.04 U
Styrene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Tetrachloroethane, 1,1,2,2-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.01 U
Tetrachloroethylene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.02 U
Toluene		0.003 U	0.001 UB	0.0010 UB	0.0009 UB	0.0005 UB	0.04 U
Trichloroethane, 1,1,1-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.04 U
Trichloroethane, 1,1,2-		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.01 U
Trichloroethylene		0.003 U	0.005 U	0.005 U	0.004 U	0.003 U	0.02 U
Vinyl Chloride		0.003 U	0.001 J	0.005 U	0.004 U	0.003 U	0.009 U
Xylene, o-		0.003 U	0.002 B	0.0006 UB	0.0006 UB	0.003 U	0.04 U
Xylenes		0.01 U	0.005 UB	0.003 UB	0.003 UB	0.002 UB	
m&p-Xylene		0.007 U	0.003 UB	0.002 UB	0.002 UB	0.001 UB	0.04 U
p-Isopropyltoluene		0.003 U	0.002 UB	0.005 U	0.004 U	0.003 U	0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6 2-4_08/11/10_SO	SUP_SL_6 4-6_08/11/10_SO	SUP_SL_6 6-8_08/11/10_SO	SUP_SL_6 8-10_08/11/10_SO	SUP_SL_6 10-12_08/11/10_SO	SUP_SL_6 12-14_08/11/10_SO
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		1400.00 ^	1600.00 ^	80.00 ^	0.66 J ^	2000.00 ^	6.00 ^
Cadmium		1.40	0.57 U	0.27 J	0.09 J	0.50 U	0.62 U
Lead and Compounds		2100.00 ^ B	2900.00 ^ B	150.00 ^ B	4.40 ^ B	4000.00 ^ B	14.00 ^ B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6 2-4_08/11/10_SO	SUP_SL_6 4-6_08/11/10_SO	SUP_SL_6 6-8_08/11/10_SO	SUP_SL_6 8-10_08/11/10_SO	SUP_SL_6 10-12_08/11/10_SO	SUP_SL_6 12-14_08/11/10_SO
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
1,3-Dichlorobenzene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
2,2-Dichloropropane		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6 2-4_08/11/10_SO	SUP_SL_6 4-6_08/11/10_SO	SUP_SL_6 6-8_08/11/10_SO	SUP_SL_6 8-10_08/11/10_SO	SUP_SL_6 10-12_08/11/10_SO	SUP_SL_6 12-14_08/11/10_SO
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Bromochloromethane		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Di-n-octyl Phthalate		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.22 U	0.26 U	0.30 U	0.34 U	0.17 U	0.20 U
Dibutyl Phthalate		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6 2-4_08/11/10_SO	SUP_SL_6 4-6_08/11/10_SO	SUP_SL_6 6-8_08/11/10_SO	SUP_SL_6 8-10_08/11/10_SO	SUP_SL_6 10-12_08/11/10_SO	SUP_SL_6 12-14_08/11/10_SO
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Tetrachloroethane, 1,1,1,2-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Trichlorobenzene, 1,2,4-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Trichlorofluoromethane		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6 2-4_08/11/10_SO	SUP_SL_6 4-6_08/11/10_SO	SUP_SL_6 6-8_08/11/10_SO	SUP_SL_6 8-10_08/11/10_SO	SUP_SL_6 10-12_08/11/10_SO	SUP_SL_6 12-14_08/11/10_SO
Trimethylbenzene, 1,2,4-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Trimethylbenzene, 1,3,5-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
cis-1,3-Dichloropropene		0.02 U	0.02 U	0.02 U	0.03 U	0.01 U	0.02 U
sec-Butylbenzene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
tert-Amylmethyl ether							
tert-Butylbenzene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
trans-1,3-Dichloropropene		0.02 U	0.02 U	0.02 U	0.03 U	0.01 U	0.02 U
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 U	0.02 U	0.02 U	0.03 U	0.01 U	0.02 U
Bromodichloromethane		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Bromoform		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Bromomethane		0.16 U	0.18 U	0.21 U	0.24 U	0.12 U	0.14 U
Carbon Disulfide							
Carbon Tetrachloride		0.02 U	0.03 U	0.03 U	0.03 U	0.02 U	0.02 U
Chlorobenzene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Chloroform		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Chloromethane		0.45 U	0.52 U	0.59 U	0.69 U	0.34 U	0.40 U
Dibromochloromethane		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dichlorobenzene, 1,4-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dichloroethane, 1,1-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dichloroethane, 1,2-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dichloroethylene, 1,1-		0.02 U	0.03 U	0.03 U	0.03 U	0.02 U	0.02 U
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dichloroethylene, 1,2-trans-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Dichloropropane, 1,2-		0.01 U	0.02 U	0.02 U	0.02 U	0.01 U	0.01 U
Ethyl Chloride		0.45 U	0.52 U	0.59 U	0.69 U	0.34 U	0.40 U
Ethylbenzene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6 2-4_08/11/10_SO	SUP_SL_6 4-6_08/11/10_SO	SUP_SL_6 6-8_08/11/10_SO	SUP_SL_6 8-10_08/11/10_SO	SUP_SL_6 10-12_08/11/10_SO	SUP_SL_6 12-14_08/11/10_SO
Methylene Chloride		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Styrene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Tetrachloroethane, 1,1,2,2-		0.01 U	0.01 U	0.02 U	0.02 U	0.008 U	0.01 U
Tetrachloroethylene		0.02 U	0.03 U	0.03 U	0.03 U	0.02 U	0.02 U
Toluene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Trichloroethane, 1,1,1-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Trichloroethane, 1,1,2-		0.01 U	0.02 U	0.02 U	0.02 U	0.01 U	0.01 U
Trichloroethylene		0.02 U	0.02 U	0.02 U	0.03 U	0.01 U	0.02 U
Vinyl Chloride		0.009 U	0.01 U	0.01 U	0.01 U	0.007 U	0.008 U
Xylene, o-		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
Xylenes							
m&p-Xylene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.04 U
p-Isopropyltoluene		0.05 U	0.05 U	0.06 U	0.07 U	0.03 U	0.01 J

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6_14-16_08/11/10_SO	SUP_SL_60_0-1_111511	SUP_SL_60_1-2_111511	SUP_SL_60_2-4_111511	SUP_SL_60_6-8_111511	SUP_SL_60_8-10_111511
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		900.00 ^	43.80 J	29.50 J	161.00 J	49.70 J	6.70 J
Cadmium		0.10 J	1.80 J	1.70 J	6.70 J	1.30 U	2.90 U
Lead and Compounds		1900.00 ^ B	2300.00 B	1860.00 B	3320.00 B	7.20 UB	5.70 UB
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.04 U					
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6_14-16_08/11/10_SO	SUP_SL_60_0-1_111511	SUP_SL_60_1-2_111511	SUP_SL_60_2-4_111511	SUP_SL_60_6-8_111511	SUP_SL_60_8-10_111511
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)			1590.00	2790.00	3200.00	25.70 U	26.40 U
Gasoline Range Organics (~C4~C12)			13.90 J	27.10 J	59.00 J	13.10 UJ	12.00 UJ
Motor Oil Range Organics (~C14~C50)			5980.00	6700.00	7630.00	103.00 U	105.00 U
Semi-Volatile Organic Compounds							
1,1-Dichloropropene			0.04 U				
1,3-Dichlorobenzene			0.04 U				
2,2-Dichloropropane			0.04 U				
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6_14-16_08/11/10_SO	SUP_SL_60_0-1_111511	SUP_SL_60_1-2_111511	SUP_SL_60_2-4_111511	SUP_SL_60_6-8_111511	SUP_SL_60_8-10_111511
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.04 U					
Bromochloromethane		0.04 U					
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.04 U					
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.04 U 0.04 U 0.04 U					
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.21 U 0.04 U 0.04 U					
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.04 U 0.04 U					
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.04 U					
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6 14-16_08/11/10_SO	SUP_SL_60_0-1_111511	SUP_SL_60_1-2_111511	SUP_SL_60_2-4_111511	SUP_SL_60_6-8_111511	SUP_SL_60_8-10_111511
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene			0.04 U				
Hexachlorocyclopentadiene Hexachloroethane Isophorone Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene			0.04 U				
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-			0.04 U				

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6_14-16_08/11/10_SO	SUP_SL_60_0-1_111511	SUP_SL_60_1-2_111511	SUP_SL_60_2-4_111511	SUP_SL_60_6-8_111511	SUP_SL_60_8-10_111511
Trimethylbenzene, 1,2,4-		0.04 U					
Trimethylbenzene, 1,3,5-		0.04 U					
cis-1,3-Dichloropropene		0.02 U					
sec-Butylbenzene		0.04 U					
tert-Amylmethyl ether							
tert-Butylbenzene		0.04 U					
trans-1,3-Dichloropropene		0.02 U					
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene		0.02 U					
Bromodichloromethane		0.04 U					
Bromoform		0.04 U					
Bromomethane		0.15 U					
Carbon Disulfide							
Carbon Tetrachloride		0.02 U					
Chlorobenzene		0.04 U					
Chloroform		0.04 U					
Chloromethane		0.43 U					
Dibromochloromethane		0.04 U					
Dichlorobenzene, 1,4-		0.04 U					
Dichloroethane, 1,1-		0.04 U					
Dichloroethane, 1,2-		0.04 U					
Dichloroethylene, 1,1-		0.02 U					
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-		0.04 U					
Dichloroethylene, 1,2-trans-		0.04 U					
Dichloropropane, 1,2-		0.01 U					
Ethyl Chloride		0.43 U					
Ethylbenzene		0.04 U					
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_6 14-16_08/11/10_SO	SUP_SL_60_0-1_111511	SUP_SL_60_1-2_111511	SUP_SL_60_2-4_111511	SUP_SL_60_6-8_111511	SUP_SL_60_8-10_111511
Methylene Chloride		0.04 U					
Styrene		0.04 U					
Tetrachloroethane, 1,1,2,2-		0.01 U					
Tetrachloroethylene		0.02 U					
Toluene		0.04 U					
Trichloroethane, 1,1,1-		0.04 U					
Trichloroethane, 1,1,2-		0.01 U					
Trichloroethylene		0.02 U					
Vinyl Chloride		0.009 U					
Xylene, o-		0.04 U					
Xylenes							
m&p-Xylene		0.04 U					
p-Isopropyltoluene		0.04 U					

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_60_10-12_111511	SUP_SL_61_0-1_111511	SUP_SL_61_1-2_111511	SUP_SL_61_2-4_111511	SUP_SL_61_4-6_111511	SUP_SL_61_6-8_111511
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		293.00 J	480.00 J	36.80 J	33.50 J	457.00 J	602.00 J
Cadmium		0.51 J	2.90 J	5.90 J	1.60 J	1.40 J	0.91 J
Lead and Compounds		85.20 B	1640.00 B	2140.00 B	1510.00 B	1090.00 B	1460.00 B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_60_10-12_111511	SUP_SL_61_0-1_111511	SUP_SL_61_1-2_111511	SUP_SL_61_2-4_111511	SUP_SL_61_4-6_111511	SUP_SL_61_6-8_111511
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		20.40 U	2790.00	2280.00	1800.00	254.00	16.90 J
Gasoline Range Organics (~C4~C12)		7.90 UJ	22.60 J	24.30 J	36.00 J	67.70 J	6.30 J
Motor Oil Range Organics (~C14~C50)		81.50 U	5370.00	5530.00	4990.00	846.00	92.30 U
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							
1,3-Dichlorobenzene							
2,2-Dichloropropane							
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_60_10-12_111511	SUP_SL_61_0-1_111511	SUP_SL_61_1-2_111511	SUP_SL_61_2-4_111511	SUP_SL_61_4-6_111511	SUP_SL_61_6-8_111511
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							
Bromochloromethane							
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							
Chlorotoluene, p-							
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							
Dibromoethane, 1,2-							
Dibromomethane (Methylene Bromide)							
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_60_10-12_111511	SUP_SL_61_0-1_111511	SUP_SL_61_1-2_111511	SUP_SL_61_2-4_111511	SUP_SL_61_4-6_111511	SUP_SL_61_6-8_111511
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene							
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene							
Tetrachloroethane, 1,1,1,2-							
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-							
Trichlorobenzene, 1,2,4-							
Trichlorofluoromethane							
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_60_10-12_111511	SUP_SL_61_0-1_111511	SUP_SL_61_1-2_111511	SUP_SL_61_2-4_111511	SUP_SL_61_4-6_111511	SUP_SL_61_6-8_111511
Trimethylbenzene, 1,2,4-							
Trimethylbenzene, 1,3,5-							
cis-1,3-Dichloropropene							
sec-Butylbenzene							
tert-Amylmethyl ether							
tert-Butylbenzene							
trans-1,3-Dichloropropene							
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroform							
Chloromethane							
Dibromochloromethane							
Dichlorobenzene, 1,4-							
Dichloroethane, 1,1-							
Dichloroethane, 1,2-							
Dichloroethylene, 1,1-							
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-							
Dichloroethylene, 1,2-trans-							
Dichloropropane, 1,2-							
Ethyl Chloride							
Ethylbenzene							
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_60_10-12_111511	SUP_SL_61_0-1_111511	SUP_SL_61_1-2_111511	SUP_SL_61_2-4_111511	SUP_SL_61_4-6_111511	SUP_SL_61_6-8_111511
Methylene Chloride							
Styrene							
Tetrachloroethane, 1,1,2,2-							
Tetrachloroethylene							
Toluene							
Trichloroethane, 1,1,1-							
Trichloroethane, 1,1,2-							
Trichloroethylene							
Vinyl Chloride							
Xylene, o-							
Xylenes							
m&p-Xylene							
p-Isopropyltoluene							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_61_8-10_111511	SUP_SL_61_10-12_111511	SUP_SL_62_4-6_111511	SUP_SL_62_6-8_111511	SUP_SL_62_8-10_111511	SUP_SL_63_0-1_111511
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		838.00 J	171.00 J	263.00 B	72.90 B	6.40 B	421.00 B
Cadmium		0.99 J	0.26 J	0.22 J	1.20 U	2.50 U	1.80 J
Lead and Compounds		190.00 B	578.00 B	168.00 B	18.70 B	5.80 B	1880.00 B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_61_8-10_111511	SUP_SL_61_10-12_111511	SUP_SL_62_4-6_111511	SUP_SL_62_6-8_111511	SUP_SL_62_8-10_111511	SUP_SL_63_0-1_111511
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		23.80 U	28.00	20.60 U	25.50 U	27.30 U	3490.00
Gasoline Range Organics (~C4~C12)		9.10 UJ	4.60 J	6.80 UJ	12.10 UJ	12.70 UJ	28.60 J
Motor Oil Range Organics (~C14~C50)		95.30 U	75.20 J	82.40 U	102.00 U	109.00 U	13200.00
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							
1,3-Dichlorobenzene							
2,2-Dichloropropane							
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_61_8-10_111511	SUP_SL_61_10-12_111511	SUP_SL_62_4-6_111511	SUP_SL_62_6-8_111511	SUP_SL_62_8-10_111511	SUP_SL_63_0-1_111511
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							
Bromochloromethane							
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							
Chlorotoluene, p-							
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							
Dibromoethane, 1,2-							
Dibromomethane (Methylene Bromide)							
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_61_8-10_111511	SUP_SL_61_10-12_111511	SUP_SL_62_4-6_111511	SUP_SL_62_6-8_111511	SUP_SL_62_8-10_111511	SUP_SL_63_0-1_111511
Dinitrophenol, 2,4- Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene							
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4-							
Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene							
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3-							
Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_61_8-10_111511	SUP_SL_61_10-12_111511	SUP_SL_62_4-6_111511	SUP_SL_62_6-8_111511	SUP_SL_62_8-10_111511	SUP_SL_63_0-1_111511
Trimethylbenzene, 1,2,4-							
Trimethylbenzene, 1,3,5-							
cis-1,3-Dichloropropene							
sec-Butylbenzene							
tert-Amylmethyl ether							
tert-Butylbenzene							
trans-1,3-Dichloropropene							
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroform							
Chloromethane							
Dibromochloromethane							
Dichlorobenzene, 1,4-							
Dichloroethane, 1,1-							
Dichloroethane, 1,2-							
Dichloroethylene, 1,1-							
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-							
Dichloroethylene, 1,2-trans-							
Dichloropropane, 1,2-							
Ethyl Chloride							
Ethylbenzene							
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_61_8-10_111511	SUP_SL_61_10-12_111511	SUP_SL_62_4-6_111511	SUP_SL_62_6-8_111511	SUP_SL_62_8-10_111511	SUP_SL_63_0-1_111511
Methylene Chloride							
Styrene							
Tetrachloroethane, 1,1,2,2-							
Tetrachloroethylene							
Toluene							
Trichloroethane, 1,1,1-							
Trichloroethane, 1,1,2-							
Trichloroethylene							
Vinyl Chloride							
Xylene, o-							
Xylenes							
m&p-Xylene							
p-Isopropyltoluene							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_63_6-8_111511	SUP_SL_63_8-10_111511	SUP_SL_63_10-12_111511	SUP_SL_64_8-10_111511	SUP_SL_65_0-1_111511	SUP_SL_65_1-2_111511
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		178.00 B	13.40 B	255.00 B	8.70	163.00	295.00
Cadmium		2.40 U	2.10 U	0.22 J	1.10 U	2.60 B	1.00 B
Lead and Compounds		100.00 B	3.90 B	258.00 B	6.10	1310.00	2440.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_63_6-8_111511	SUP_SL_63_8-10_111511	SUP_SL_63_10-12_111511	SUP_SL_64_8-10_111511	SUP_SL_65_0-1_111511	SUP_SL_65_1-2_111511
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		23.90 U	23.30 U	21.50 U	25.30 U	3900.00	7830.00
Gasoline Range Organics (~C4~C12)		10.40 UJ	8.30 UJ	7.40 UJ	12.90 UJ	4.10 J	162.00 J
Motor Oil Range Organics (~C14~C50)		95.70 U	93.30 U	86.00 U	101.00 U	6440.00	11400.00
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							
1,3-Dichlorobenzene							
2,2-Dichloropropane							
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_63_6-8_111511	SUP_SL_63_8-10_111511	SUP_SL_63_10-12_111511	SUP_SL_64_8-10_111511	SUP_SL_65_0-1_111511	SUP_SL_65_1-2_111511
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							
Bromochloromethane							
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							
Chlorotoluene, p-							
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							
Dibromoethane, 1,2-							
Dibromomethane (Methylene Bromide)							
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_63_6-8_111511	SUP_SL_63_8-10_111511	SUP_SL_63_10-12_111511	SUP_SL_64_8-10_111511	SUP_SL_65_0-1_111511	SUP_SL_65_1-2_111511
Dinitrophenol, 2,4- Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene							
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4-							
Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene							
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3-							
Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_63_6-8_111511	SUP_SL_63_8-10_111511	SUP_SL_63_10-12_111511	SUP_SL_64_8-10_111511	SUP_SL_65_0-1_111511	SUP_SL_65_1-2_111511
Trimethylbenzene, 1,2,4-							
Trimethylbenzene, 1,3,5-							
cis-1,3-Dichloropropene							
sec-Butylbenzene							
tert-Amylmethyl ether							
tert-Butylbenzene							
trans-1,3-Dichloropropene							
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroform							
Chloromethane							
Dibromochloromethane							
Dichlorobenzene, 1,4-							
Dichloroethane, 1,1-							
Dichloroethane, 1,2-							
Dichloroethylene, 1,1-							
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-							
Dichloroethylene, 1,2-trans-							
Dichloropropane, 1,2-							
Ethyl Chloride							
Ethylbenzene							
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_63_6-8_111511	SUP_SL_63_8-10_111511	SUP_SL_63_10-12_111511	SUP_SL_64_8-10_111511	SUP_SL_65_0-1_111511	SUP_SL_65_1-2_111511
Methylene Chloride							
Styrene							
Tetrachloroethane, 1,1,2,2-							
Tetrachloroethylene							
Toluene							
Trichloroethane, 1,1,1-							
Trichloroethane, 1,1,2-							
Trichloroethylene							
Vinyl Chloride							
Xylene, o-							
Xylenes							
m&p-Xylene							
p-Isopropyltoluene							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_65_6-8_111511	SUP_SL_65_8-10_111511_DC	SUP_SL_66_6-8_111511	SUP_SL_66_8-10_111511	SUP_SL_67_0-1_111511	SUP_SL_67_1-2_111511
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		396.00	14.80	65.30	11.10	51.30 U	19.60 J
Cadmium		0.37 B	1.20 U	0.98 U	1.30 U	0.82 U	0.97 U
Lead and Compounds		247.00	10.65	67.80	6.70	29.50	48.40
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_65_6-8_111511	SUP_SL_65_8-10_111511_DC	SUP_SL_66_6-8_111511	SUP_SL_66_8-10_111511	SUP_SL_67_0-1_111511	SUP_SL_67_1-2_111511
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		24.00 U	25.50 U	24.20 U	25.40 U	28.50	19.10 J
Gasoline Range Organics (~C4~C12)		10.10 UJ	11.30 UJ	12.10 UJ	12.40 UJ	6.90 UJ	7.30 UJ
Motor Oil Range Organics (~C14~C50)		96.20 U	102.00 U	96.60 U	102.00 U	229.00	135.00
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							
1,3-Dichlorobenzene							
2,2-Dichloropropane							
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_65_6-8_111511	SUP_SL_65_8-10_111511_DC	SUP_SL_66_6-8_111511	SUP_SL_66_8-10_111511	SUP_SL_67_0-1_111511	SUP_SL_67_1-2_111511
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							
Bromochloromethane							
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							
Chlorotoluene, p-							
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							
Dibromoethane, 1,2-							
Dibromomethane (Methylene Bromide)							
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_65_6-8_111511	SUP_SL_65_8-10_111511_DC	SUP_SL_66_6-8_111511	SUP_SL_66_8-10_111511	SUP_SL_67_0-1_111511	SUP_SL_67_1-2_111511
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene							
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene							
Tetrachloroethane, 1,1,1,2-							
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-							
Trichlorobenzene, 1,2,4-							
Trichlorofluoromethane							
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_65_6-8_111511	SUP_SL_65_8-10_111511_DC	SUP_SL_66_6-8_111511	SUP_SL_66_8-10_111511	SUP_SL_67_0-1_111511	SUP_SL_67_1-2_111511
Trimethylbenzene, 1,2,4-							
Trimethylbenzene, 1,3,5-							
cis-1,3-Dichloropropene							
sec-Butylbenzene							
tert-Amylmethyl ether							
tert-Butylbenzene							
trans-1,3-Dichloropropene							
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroform							
Chloromethane							
Dibromochloromethane							
Dichlorobenzene, 1,4-							
Dichloroethane, 1,1-							
Dichloroethane, 1,2-							
Dichloroethylene, 1,1-							
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-							
Dichloroethylene, 1,2-trans-							
Dichloropropane, 1,2-							
Ethyl Chloride							
Ethylbenzene							
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:
Methylene Chloride	SUP_SL_65_6-8_111511 SUP_SL_65_8-10_111511_DC SUP_SL_66_6-8_111511 SUP_SL_66_8-10_111511 SUP_SL_67_0-1_111511 SUP_SL_67_1-2_111511
Styrene	
Tetrachloroethane, 1,1,2,2-	
Tetrachloroethylene	
Toluene	
Trichloroethane, 1,1,1-	
Trichloroethane, 1,1,2-	
Trichloroethylene	
Vinyl Chloride	
Xylene, o-	
Xylenes	
m&p-Xylene	
p-Isopropyltoluene	

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_67_2-4_111511_DC	SUP_SL_67_4-6_111511	SUP_SL_67_6-8_111511	SUP_SL_67_8-10_111511	SUP_SL_68_0-1_111511	SUP_SL_68_6-8_111511
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		1.30 J	18.50	13.60	66.40	68.20	12.00
Cadmium		0.46 U	0.89 U	0.91 U	1.10 U	0.63 J	1.10 U
Lead and Compounds		13.85 J	686.00	64.50	66.90	1400.00	138.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene							
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_67_2-4_111511_DC	SUP_SL_67_4-6_111511	SUP_SL_67_6-8_111511	SUP_SL_67_8-10_111511	SUP_SL_68_0-1_111511	SUP_SL_68_6-8_111511
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		101.50	21.60 U	20.50 U	20.20 J	6260.00	20.70 U
Gasoline Range Organics (~C4~C12)		6.20 UJ	8.10 UJ	7.30 UJ	9.70 UJ	26.10 J	7.30 UJ
Motor Oil Range Organics (~C14~C50)		281.80 J	86.30 U	81.80 U	99.80 U	9330.00	82.80 U
Semi-Volatile Organic Compounds							
1,1-Dichloropropene							
1,3-Dichlorobenzene							
2,2-Dichloropropane							
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_67_2-4_111511_DC	SUP_SL_67_4-6_111511	SUP_SL_67_6-8_111511	SUP_SL_67_8-10_111511	SUP_SL_68_0-1_111511	SUP_SL_68_6-8_111511
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene							
Bromochloromethane							
Bromophenylphenylether, 4-							
Butyl Benzyl Phthlate							
Butylbenzene, n-							
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-							
Chlorotoluene, p-							
Cresol, o-							
Cresol, p-chloro-m-							
Cumene							
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-							
Dibromoethane, 1,2-							
Dibromomethane (Methylene Bromide)							
Dibutyl Phthalate							
Dichlorobenzene, 1,2-							
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane							
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-							
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_67_2-4_111511_DC	SUP_SL_67_4-6_111511	SUP_SL_67_6-8_111511	SUP_SL_67_8-10_111511	SUP_SL_68_0-1_111511	SUP_SL_68_6-8_111511
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene							
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							
Methyl tert-Butyl Ether (MTBE)							
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene							
Tetrachloroethane, 1,1,1,2-							
Trichloro-1,2,2-trifluoroethane, 1,1,2-							
Trichlorobenzene, 1,2,3-							
Trichlorobenzene, 1,2,4-							
Trichlorofluoromethane							
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_67_2-4_111511_DC	SUP_SL_67_4-6_111511	SUP_SL_67_6-8_111511	SUP_SL_67_8-10_111511	SUP_SL_68_0-1_111511	SUP_SL_68_6-8_111511
Trimethylbenzene, 1,2,4-							
Trimethylbenzene, 1,3,5-							
cis-1,3-Dichloropropene							
sec-Butylbenzene							
tert-Amylmethyl ether							
tert-Butylbenzene							
trans-1,3-Dichloropropene							
Volatile Organic Compounds (mg/kg)							
Acetone							
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane							
Carbon Disulfide							
Carbon Tetrachloride							
Chlorobenzene							
Chloroform							
Chloromethane							
Dibromochloromethane							
Dichlorobenzene, 1,4-							
Dichloroethane, 1,1-							
Dichloroethane, 1,2-							
Dichloroethylene, 1,1-							
Dichloroethylene, 1,2- (Mixed Isomers)							
Dichloroethylene, 1,2-cis-							
Dichloroethylene, 1,2-trans-							
Dichloropropane, 1,2-							
Ethyl Chloride							
Ethylbenzene							
Hexanone, 2-							
Methyl Ethyl Ketone (2-Butanone)							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_67_2-4_111511_DC	SUP_SL_67_4-6_111511	SUP_SL_67_6-8_111511	SUP_SL_67_8-10_111511	SUP_SL_68_0-1_111511	SUP_SL_68_6-8_111511
Methylene Chloride							
Styrene							
Tetrachloroethane, 1,1,2,2-							
Tetrachloroethylene							
Toluene							
Trichloroethane, 1,1,1-							
Trichloroethane, 1,1,2-							
Trichloroethylene							
Vinyl Chloride							
Xylene, o-							
Xylenes							
m&p-Xylene							
p-Isopropyltoluene							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_68_8-10_111511	SUP_SL_7_0-1_08/02/10_SO	SUP_SL_7_1-2_08/02/10_SO	SUP_SL_7_6-7_081711	SUP_SL_7_7-8_081711	SUP_SL_7_8-10_081711
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		157.00	680.00	1200.00			512.00 J
Cadmium		0.08 J	0.51 J	1.40			2.40
Lead and Compounds		10.50	1100.00	2600.00			24.70
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene			0.06 U	0.05 U			0.002 UB
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_68_8-10_111511	SUP_SL_7_0-1_08/02/10_SO	SUP_SL_7_1-2_08/02/10_SO	SUP_SL_7_6-7_081711	SUP_SL_7_7-8_081711	SUP_SL_7_8-10_081711
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)		24.40 U					
Gasoline Range Organics (~C4~C12)		11.10 UJ					
Motor Oil Range Organics (~C14~C50)		97.60 U					
Semi-Volatile Organic Compounds							
1,1-Dichloropropene			0.06 U	0.05 U			0.006 U
1,3-Dichlorobenzene			0.06 U	0.05 U			0.006 U
2,2-Dichloropropane			0.06 U	0.05 U			0.006 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_68_8-10_111511	SUP_SL_7 0-1_08/02/10_SO	SUP_SL_7 1-2_08/02/10_SO	SUP_SL_7 6-7_081711	SUP_SL_7 7-8_081711	SUP_SL_7 8-10_081711
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene			0.06 U	0.05 U			0.006 U
Bromochloromethane			0.06 U	0.05 U			0.006 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n-			0.06 U	0.05 U			0.006 U
Carbazole							
Chloroaniline, p-							
Chloronaphthalene, Beta-							
Chlorophenol, 2-							
Chlorophenylphenylether, 4-							
Chlorotoluene, o-			0.06 U	0.05 U			0.006 U
Chlorotoluene, p-			0.06 U	0.05 U			0.006 U
Cresol, o-							
Cresol, p-chloro-m-							
Cumene			0.06 U	0.05 U			0.006 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2-			0.31 U	0.24 U			0.01 U
Dibromoethane, 1,2-			0.06 U	0.05 U			0.006 U
Dibromomethane (Methylene Bromide)			0.06 U	0.05 U			0.006 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2-			0.06 U	0.05 U			0.006 U
Dichlorobenzidine, 3,3'-							
Dichlorodifluoromethane			0.06 U	0.05 U			0.006 U
Dichlorophenol, 2,4-							
Dichloropropane, 1,3-			0.06 U	0.05 U			0.006 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4-							
Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_68_8-10_111511	SUP_SL_7_0-1_08/02/10_SO	SUP_SL_7_1-2_08/02/10_SO	SUP_SL_7_6-7_081711	SUP_SL_7_7-8_081711	SUP_SL_7_8-10_081711
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene			0.06 U	0.05 U			0.006 U
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone							0.02 U
Methyl tert-Butyl Ether (MTBE)							0.006 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol					0.56 U	0.24 J	0.60 U
Phenanthrene							
Phenol							
Propyl benzene			0.06 U	0.05 U			0.006 U
Tetrachloroethane, 1,1,1,2-			0.06 U	0.05 U			0.006 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-							0.006 U
Trichlorobenzene, 1,2,3-			0.06 U	0.05 U			0.006 U
Trichlorobenzene, 1,2,4-			0.06 U	0.05 U			0.0005 J
Trichlorofluoromethane			0.06 U	0.05 U			0.006 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-			0.06 U	0.05 U			0.006 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_68_8-10_111511	SUP_SL_7_0-1_08/02/10_SO	SUP_SL_7_1-2_08/02/10_SO	SUP_SL_7_6-7_081711	SUP_SL_7_7-8_081711	SUP_SL_7_8-10_081711
Trimethylbenzene, 1,2,4-			0.06 U	0.05 U			0.006 U
Trimethylbenzene, 1,3,5-			0.06 U	0.05 U			0.006 U
cis-1,3-Dichloropropene			0.03 U	0.02 U			0.006 U
sec-Butylbenzene			0.06 U	0.05 U			0.006 U
tert-Amylmethyl ether							0.006 U
tert-Butylbenzene			0.06 U	0.05 U			0.006 U
trans-1,3-Dichloropropene			0.03 U	0.02 U			0.006 U
Volatile Organic Compounds (mg/kg)							
Acetone							0.04 B
Benzene			0.009 J	0.008 J			0.0005 J
Bromodichloromethane			0.06 U	0.05 U			0.006 U
Bromoform			0.06 U	0.05 U			0.006 U
Bromomethane			0.22 U	0.17 U			0.006 U
Carbon Disulfide							0.01 B
Carbon Tetrachloride			0.03 U	0.02 U			0.006 U
Chlorobenzene			0.06 U	0.05 U			0.006 U
Chloroform			0.06 U	0.05 U			0.006 U
Chloromethane			0.62 U	0.48 U			0.006 U
Dibromochloromethane			0.06 U	0.05 U			0.006 U
Dichlorobenzene, 1,4-			0.06 U	0.05 U			0.006 U
Dichloroethane, 1,1-			0.06 U	0.05 U			0.006 U
Dichloroethane, 1,2-			0.06 U	0.05 U			0.006 U
Dichloroethylene, 1,1-			0.03 U	0.02 U			0.006 U
Dichloroethylene, 1,2- (Mixed Isomers)							0.003 J
Dichloroethylene, 1,2-cis-			0.02 J	0.03 J			0.002 J
Dichloroethylene, 1,2-trans-			0.06 U	0.05 U			0.006 U
Dichloropropane, 1,2-			0.02 U	0.01 U			0.006 U
Ethyl Chloride			0.62 U	0.48 U			0.006 U
Ethylbenzene			0.06 U	0.05 U			0.006 U
Hexanone, 2-							0.02 U
Methyl Ethyl Ketone (2-Butanone)							0.02 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_68_8-10_111511	SUP_SL_7 0-1_08/02/10_SO	SUP_SL_7 1-2_08/02/10_SO	SUP_SL_7 6-7_081711	SUP_SL_7 7-8_081711	SUP_SL_7 8-10_081711
Methylene Chloride			0.06 U	0.05 U			0.02 U
Styrene			0.06 U	0.05 U			0.006 U
Tetrachloroethane, 1,1,2,2-			0.02 U	0.01 U			0.006 U
Tetrachloroethylene			0.03 U	0.02 U			0.006 U
Toluene			0.006 J	0.006 J			0.0010 UB
Trichloroethane, 1,1,1-			0.06 U	0.05 U			0.006 U
Trichloroethane, 1,1,2-			0.02 U	0.01 U			0.006 U
Trichloroethylene			0.03 U	0.03			0.006 U
Vinyl Chloride			0.01 U	0.010 U			0.006 U
Xylene, o-			0.06 U	0.05 U			0.006 U
Xylenes							0.02 U
m&p-Xylene			0.06 U	0.05 U			0.01 U
p-Isopropyltoluene			0.005 J B	0.05 U			0.006 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_7 10-12_081711	SUP_SL_7 12-14_081711	SUP_SL_72_4-6_082412	SUP_SL_72_6-8_082412	SUP_SL_72_8-10_082412	SUP_SL_72_10-12_082412
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		16.50 J	11.90 J	21.70	2810.00	8170.00	2000.00
Cadmium		6.00 U	1.20 U	0.29 J	583.00	133.00	34.20
Lead and Compounds		3.60	2.90	33.20	1610.00	228.00	143.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.004 U	0.0007 UB	0.003 U	0.005 U	0.005 U	0.004 U
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_7 10-12_081711	SUP_SL_7 12-14_081711	SUP_SL_72_4-6_082412	SUP_SL_72_6-8_082412	SUP_SL_72_8-10_082412	SUP_SL_72_10-12_082412
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
1,3-Dichlorobenzene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
2,2-Dichloropropane		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_7 10-12_081711	SUP_SL_7 12-14_081711	SUP_SL_72_4-6_082412	SUP_SL_72_6-8_082412	SUP_SL_72_8-10_082412	SUP_SL_72_10-12_082412
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Bromochloromethane		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Cresol, p-chloro-m- Cumene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.007 U	0.006 U	0.005 U	0.009 U	0.008 U	0.007 U
Dibutyl Phthalate							
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichlorodifluoromethane		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichlorophenol, 2,4- Dichloropropane, 1,3-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Diethyl Phthalate							
Dimethyl Phthalate							
Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_7 10-12_081711	SUP_SL_7 12-14_081711	SUP_SL_72_4-6_082412	SUP_SL_72_6-8_082412	SUP_SL_72_8-10_082412	SUP_SL_72_10-12_082412
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.01 U 0.003 U	0.009 U 0.003 U	0.02 U 0.005 U	0.02 U 0.005 U	0.01 U 0.004 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4-							
Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol		0.47 U	0.44 U				
Phenanthrene Phenol Propyl benzene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U 0.003 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_7 10-12_081711	SUP_SL_7 12-14_081711	SUP_SL_72_4-6_082412	SUP_SL_72_6-8_082412	SUP_SL_72_8-10_082412	SUP_SL_72_10-12_082412
Trimethylbenzene, 1,2,4-		0.004 U	0.003 U	0.003 U	0.003 J	0.005 U	0.004 U
Trimethylbenzene, 1,3,5-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
cis-1,3-Dichloropropene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
sec-Butylbenzene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
tert-Amylmethyl ether		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
tert-Butylbenzene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
trans-1,3-Dichloropropene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.02 UB	0.009 UB	0.01	0.09	0.05	0.02
Benzene		0.004 U	0.003 U	0.003 U	0.003 J	0.005 U	0.004 U
Bromodichloromethane		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Bromoform		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Bromomethane		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Carbon Disulfide		0.004 B	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Carbon Tetrachloride		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Chlorobenzene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Chloroform		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Chloromethane		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Dibromochloromethane		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichlorobenzene, 1,4-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloroethane, 1,1-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloroethane, 1,2-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloroethylene, 1,1-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.008 U	0.007 U	0.005 U	0.006 J	0.009 U	0.008 U
Dichloroethylene, 1,2-cis-		0.004 U	0.003 U	0.003 U	0.006	0.005 U	0.004 U
Dichloroethylene, 1,2-trans-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Dichloropropane, 1,2-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Ethyl Chloride		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Ethylbenzene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Hexanone, 2-		0.01 U	0.01 U	0.009 U	0.02 U	0.02 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)		0.005 J	0.01 U	0.009 U	0.02 U	0.02 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_7 10-12_081711	SUP_SL_7 12-14_081711	SUP_SL_72 4-6_082412	SUP_SL_72 6-8_082412	SUP_SL_72 8-10_082412	SUP_SL_72 10-12_082412
Methylene Chloride		0.01 U	0.01 U	0.009 U	0.02 U	0.02 U	0.01 U
Styrene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Tetrachloroethylene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Toluene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Trichloroethane, 1,1,1-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Trichloroethane, 1,1,2-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Trichloroethylene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Vinyl Chloride		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Xylene, o-		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U
Xylenes		0.01 U	0.01 U	0.008 U	0.02 U	0.01 U	0.01 U
m&p-Xylene		0.008 U	0.007 U	0.005 U	0.01 U	0.009 U	0.008 U
p-Isopropyltoluene		0.004 U	0.003 U	0.003 U	0.005 U	0.005 U	0.004 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_72_12-14_082412	SUP_SL_72_14-16_082412	SUP_SL_73_2-4_082412	SUP_SL_73_6-8_082412	SUP_SL_73_8-10_082412	SUP_SL_73_10-12_082412
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		2030.00	980.00	505.00	72.60	660.00	626.00
Cadmium		34.40	14.40	9.30	1.30	11.40	10.70
Lead and Compounds		6.00	3.10	215.00	57.10	192.00	151.00
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 J
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_72_12-14_082412	SUP_SL_72_14-16_082412	SUP_SL_73_2-4_082412	SUP_SL_73_6-8_082412	SUP_SL_73_8-10_082412	SUP_SL_73_10-12_082412
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
1,3-Dichlorobenzene		0.004 U	0.004 U	0.005 U	0.006 J	0.005 J	0.003 J
2,2-Dichloropropane		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_72_12-14_082412	SUP_SL_72_14-16_082412	SUP_SL_73_2-4_082412	SUP_SL_73_6-8_082412	SUP_SL_73_8-10_082412	SUP_SL_73_10-12_082412
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Bromochloromethane		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Di-n-octyl Phthalate		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.006 U	0.008 U	0.01 UJ	0.008 UJ	0.009 U
Dibutyl Phthalate		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.006
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_72_12-14_082412	SUP_SL_72_14-16_082412	SUP_SL_73_2-4_082412	SUP_SL_73_6-8_082412	SUP_SL_73_8-10_082412	SUP_SL_73_10-12_082412
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.004 U	0.005 U	191.00	106.00	0.22
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.01 U 0.004 U	0.02 U 0.005 U	0.02 UJ 0.007 UJ	0.02 UJ 0.005 UJ	0.02 U 0.005 U
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							
Phenanthrene Phenol Propyl benzene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U 0.005 U	0.007 UJ 0.007 UJ 0.007 UJ 0.007 UJ 0.007 UJ 0.007 UJ 0.007 UJ	0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ 0.005 UJ	0.005 U 0.005 U 0.005 U 0.003 J 0.005 U 0.005 U 0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_72_12-14_082412	SUP_SL_72_14-16_082412	SUP_SL_73_2-4_082412	SUP_SL_73_6-8_082412	SUP_SL_73_8-10_082412	SUP_SL_73_10-12_082412
Trimethylbenzene, 1,2,4-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Trimethylbenzene, 1,3,5-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
cis-1,3-Dichloropropene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
sec-Butylbenzene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
tert-Amylmethyl ether		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
tert-Butylbenzene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
trans-1,3-Dichloropropene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.02	0.03	0.08	0.13 J	0.09 J	0.32
Benzene		0.004 U	0.004 U	0.005 U	0.05 J	0.04 J	0.09
Bromodichloromethane		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Bromoform		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Bromomethane		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Carbon Disulfide		0.004 U	0.004 U	0.004 J	0.18 J	0.13 J	0.04
Carbon Tetrachloride		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Chlorobenzene		0.004 U	0.004 U	0.005 U	0.03 J	0.03 J	0.09
Chloroform		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Chloromethane		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Dibromochloromethane		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Dichlorobenzene, 1,4-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.004 J	0.01
Dichloroethane, 1,1-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Dichloroethane, 1,2-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Dichloroethylene, 1,1-		0.004 U	0.004 U	0.005 U	0.13 J	0.11 J	0.23 J
Dichloroethylene, 1,2- (Mixed Isomers)		0.008 U	0.008 U	0.009 J	6.09	4.07	3.58
Dichloroethylene, 1,2-cis-		0.004 U	0.004 U	0.009	5.69	3.80	3.46
Dichloroethylene, 1,2-trans-		0.004 U	0.004 U	0.005 U	0.41	0.27	0.12 J
Dichloropropane, 1,2-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Ethyl Chloride		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Ethylbenzene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Hexanone, 2-		0.01 U	0.01 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_72_12-14_082412	SUP_SL_72_14-16_082412	SUP_SL_73_2-4_082412	SUP_SL_73_6-8_082412	SUP_SL_73_8-10_082412	SUP_SL_73_10-12_082412
Methylene Chloride		0.01 U	0.01 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U
Styrene		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Tetrachloroethylene		0.004 U	0.004 U	0.06 J	3600.00	1500.00	105.00
Toluene		0.004 U	0.004 U	0.18	0.11 J	0.09 J	0.08
Trichloroethane, 1,1,1-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Trichloroethane, 1,1,2-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Trichloroethylene		0.004 U	0.004 U	0.03	230.00	165.00	10.70
Vinyl Chloride		0.004 U	0.004 U	0.005 U	0.56	0.32	0.13 U
Xylene, o-		0.004 U	0.004 U	0.005 U	0.007 UJ	0.005 UJ	0.005 U
Xylenes		0.01 U	0.01 U	0.01 U	0.02 UJ	0.01 UJ	0.009 J
m&p-Xylene		0.008 U	0.008 U	0.009 U	0.01 UJ	0.010 UJ	0.007 J
p-Isopropyltoluene		0.004 U	0.004 U	0.01	0.01 J	0.005 J	0.005 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_73_12-14_082412	SUP_SL_73_14-16_082412_DC	SUP_SL_74_2-4_082412	SUP_SL_74_4-6_082412	SUP_SL_74_6-8_082412	SUP_SL_74_8-10_082412
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		300.00	135.00	1150.00	804.00	523.00	4440.00
Cadmium		5.00	2.00	24.50	16.20	8.70	100.00
Lead and Compounds		38.60	3.95	909.00	481.00	65.00 B	2720.00 B
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.004 U	0.004	0.005 U	0.05	0.003 J	0.02
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_73_12-14_082412	SUP_SL_73_14-16_082412_DC	SUP_SL_74_2-4_082412	SUP_SL_74_4-6_082412	SUP_SL_74_6-8_082412	SUP_SL_74_8-10_082412
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
1,3-Dichlorobenzene		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
2,2-Dichloropropane		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_73_12-14_082412	SUP_SL_73_14-16_082412_DC	SUP_SL_74_2-4_082412	SUP_SL_74_4-6_082412	SUP_SL_74_6-8_082412	SUP_SL_74_8-10_082412
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Bromochloromethane		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o- Cresol, p-chloro-m- Cumene		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Di-n-octyl Phthalate		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.007 U	0.006 U	0.009 U	0.008 U	0.006 U	0.01 U
Dibutyl Phthalate		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_73_12-14_082412	SUP_SL_73_14-16_082412_DC	SUP_SL_74_2-4_082412	SUP_SL_74_4-6_082412	SUP_SL_74_6-8_082412	SUP_SL_74_8-10_082412
Dinitrophenol, 2,4-							
Dinitrotoluene, 2,4-							
Dinitrotoluene, 2,6-							
Hexachlorobenzene							
Hexachlorobutadiene		0.01	0.004 U	0.005 U	0.005 U	0.004 U	0.04
Hexachlorocyclopentadiene							
Hexachloroethane							
Isophorone							
Methyl Isobutyl Ketone		0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.02 U
Methyl tert-Butyl Ether (MTBE)		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Methylphenol Coelution, 3- & 4-							
Nitroaniline, 2-							
Nitroaniline, 3-							
Nitroaniline, 4-							
Nitrobenzene							
Nitrophenol, 2-							
Nitrophenol, 4-							
Nitroso-di-N-propylamine, N-							
Nitrosodiphenylamine, N-							
Pentachlorophenol							
Phenanthrene							
Phenol							
Propyl benzene		0.004 U	0.004 U	0.005 U	0.008	0.004 U	0.007 U
Tetrachloroethane, 1,1,1,2-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Trichlorobenzene, 1,2,3-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Trichlorobenzene, 1,2,4-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Trichlorofluoromethane		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Trichlorophenol, 2,4,5-							
Trichlorophenol, 2,4,6-							
Trichloropropane, 1,2,3-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_73_12-14_082412	SUP_SL_73_14-16_082412_DC	SUP_SL_74_2-4_082412	SUP_SL_74_4-6_082412	SUP_SL_74_6-8_082412	SUP_SL_74_8-10_082412
Trimethylbenzene, 1,2,4-		0.004 U	0.005	0.005 U	0.06	0.004 U	0.007 U
Trimethylbenzene, 1,3,5-		0.004 U	0.004 U	0.005 U	0.02	0.004 U	0.007 U
cis-1,3-Dichloropropene		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
sec-Butylbenzene		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
tert-Amylmethyl ether		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
tert-Butylbenzene		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
trans-1,3-Dichloropropene		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Volatile Organic Compounds (mg/kg)							
Acetone		0.05	0.03	0.36	0.24	0.11	2.18
Benzene		0.05	0.03 J	0.005 U	0.004 J	0.004 U	0.02
Bromodichloromethane		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Bromoform		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Bromomethane		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Carbon Disulfide		0.02	0.004 J	0.005 U	0.006	0.004	0.05
Carbon Tetrachloride		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Chlorobenzene		0.03	0.03	0.005 U	0.005 U	0.004 U	0.007 U
Chloroform		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Chloromethane		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Dibromochloromethane		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Dichlorobenzene, 1,4-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Dichloroethane, 1,1-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Dichloroethane, 1,2-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Dichloroethylene, 1,1-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.02 J
Dichloroethylene, 1,2- (Mixed Isomers)		0.03	0.007 U	0.05	1.70	0.85	7.47
Dichloroethylene, 1,2-cis-		0.03	0.002 J	0.05	1.68	0.84	7.27
Dichloroethylene, 1,2-trans-		0.004 U	0.004 U	0.005 U	0.13 U	0.08 U	0.20
Dichloropropane, 1,2-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Ethyl Chloride		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Ethylbenzene		0.004 U	0.004 U	0.005 U	0.02	0.003 J	0.02
Hexanone, 2-		0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.02 U
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U	0.07	0.04	0.01 U	0.02 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_73_12-14_082412	SUP_SL_73_14-16_082412_DC	SUP_SL_74_2-4_082412	SUP_SL_74_4-6_082412	SUP_SL_74_6-8_082412	SUP_SL_74_8-10_082412
Methylene Chloride		0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.02 U
Styrene		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Tetrachloroethane, 1,1,2,2-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Tetrachloroethylene		16.10	0.11 J	0.03 J	0.009	0.01 J	31.90
Toluene		0.02	0.01	0.30	4.20	1.62	6.00
Trichloroethane, 1,1,1-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Trichloroethane, 1,1,2-		0.004 U	0.004 U	0.005 U	0.005 U	0.004 U	0.007 U
Trichloroethylene		1.36	0.02	0.007	0.003 J	0.004	0.33
Vinyl Chloride		0.006 J	0.004 U	0.008	0.05 J	0.02	0.007 U
Xylene, o-		0.004 U	0.002 J	0.005 U	0.02	0.004 U	0.005 J
Xylenes		0.01 U	0.008 J	0.02 U	0.07	0.01 U	0.02 J
m&p-Xylene		0.009 U	0.006 J	0.01 U	0.05	0.007 U	0.01 J
p-Isopropyltoluene		0.004 U	0.004 U	0.17	60.20	7.69	23.20

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_74_10-12_082412	SUP_SL_74_12-14_082412	SUP_SL_74_14-16_082412	SUP_SL_8_0-1_08/02/10_SO	SUP_SL_8_1-2_08/02/10_SO_DC	SUP_SL_8_6-7_081511
Dioxins/Furans (mg/kg)							
Dibenzofuran							
Metals (mg/kg)							
Arsenic, Inorganic		4.20 J	280.00	3.70 J	1400.00	2450.00	
Cadmium		2.00 U	5.50	2.20 U	0.29 J	1.80	
Lead and Compounds		3.30 B	171.00 B	2.70 B	87.00	6155.00	
Mercury (elemental)							
Nickel Refinery Dust							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene							
Anthracene							
Benz[a]anthracene							
Benzo[a]pyrene							
Benzo[b]fluoranthene							
Benzo[k]fluoranthene							
Chrysene							
Dibenz[a,h]anthracene							
Fluoranthene							
Fluorene							
Indeno[1,2,3-cd]pyrene							
Methylnaphthalene, 1-							
Methylnaphthalene, 2-							
Naphthalene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Pyrene							
Pesticides (mg/kg)							
Aldrin							
Chlordane, alpha							
Chlordane, gamma							
DDD							
DDE, p,p'-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_74_10-12_082412	SUP_SL_74_12-14_082412	SUP_SL_74_14-16_082412	SUP_SL_8_0-1_08/02/10_SO	SUP_SL_8_1-2_08/02/10_SO_DC	SUP_SL_8_6-7_081511
DDT							
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan sulfate							
Endrin							
Endrin aldehyde							
Endrin ketone							
Heptachlor							
Heptachlor Epoxide							
Hexachlorocyclohexane, Alpha-							
Hexachlorocyclohexane, Beta-							
Hexachlorocyclohexane, Gamma- (Lindane)							
Hexachlorocyclohexane, delta-							
Methoxychlor							
Toxaphene							
Petroleum Hydrocarbons (mg/kg)							
Diesel Range Organics (~C8~C24)							
Gasoline Range Organics (~C4~C12)							
Motor Oil Range Organics (~C14~C50)							
Semi-Volatile Organic Compounds							
1,1-Dichloropropene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
1,3-Dichlorobenzene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
2,2-Dichloropropane		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Acenaphthylene							
Benzo(g,h,i)perylene							
Benzoic Acid							
Benzyl Alcohol							
Bis(2-chloro-1-methylethyl) ether							
Bis(2-chloroethoxy)methane							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_74_10-12_082412	SUP_SL_74_12-14_082412	SUP_SL_74_14-16_082412	SUP_SL_8_0-1_08/02/10_SO	SUP_SL_8_1-2_08/02/10_SO_DC	SUP_SL_8_6-7_081511
Bis(2-chloroethyl)ether							
Bis(2-ethylhexyl)phthalate							
Bromobenzene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Bromochloromethane		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Bromophenylphenylether, 4- Butyl Benzyl Phthlate							
Butylbenzene, n- Carbazole		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-							
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Cresol, p-chloro-m- Cumene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Di-n-octyl Phthalate							
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)		0.006 U	0.007 U	0.006 U	0.97 U	0.96 U	
Dibutyl Phthalate		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-							

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_74_10-12_082412	SUP_SL_74_12-14_082412	SUP_SL_74_14-16_082412	SUP_SL_8_0-1_08/02/10_SO	SUP_SL_8_1-2_08/02/10_SO_DC	SUP_SL_8_6-7_081511
Dinitrophenol, 2,4- Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Hexachlorobenzene Hexachlorobutadiene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Hexachlorocyclopentadiene Hexachloroethane Isophorone							
Methyl Isobutyl Ketone Methyl tert-Butyl Ether (MTBE) Methylphenol Coelution, 3- & 4-		0.01 U 0.004 U	0.01 U 0.004 U	0.01 U 0.004 U			
Nitroaniline, 2- Nitroaniline, 3- Nitroaniline, 4- Nitrobenzene Nitrophenol, 2- Nitrophenol, 4- Nitroso-di-N-propylamine, N- Nitrosodiphenylamine, N- Pentachlorophenol							1.59 U
Phenanthrene Phenol Propyl benzene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Tetrachloroethane, 1,1,1,2- Trichloro-1,2,2-trifluoroethane, 1,1,2- Trichlorobenzene, 1,2,3- Trichlorobenzene, 1,2,4- Trichlorofluoromethane Trichlorophenol, 2,4,5- Trichlorophenol, 2,4,6- Trichloropropane, 1,2,3-		0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U 0.004 U	0.19 U 0.19 U 0.19 U 0.19 U 0.19 U 0.19 U 0.19 U	0.19 U 0.19 U 0.19 U 0.19 U 0.19 U 0.19 U 0.19 U	

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_74_10-12_082412	SUP_SL_74_12-14_082412	SUP_SL_74_14-16_082412	SUP_SL_8_0-1_08/02/10_SO	SUP_SL_8_1-2_08/02/10_SO_DC	SUP_SL_8_6-7_081511
Trimethylbenzene, 1,2,4-		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Trimethylbenzene, 1,3,5-		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
cis-1,3-Dichloropropene		0.004 U	0.004 U	0.004 U	0.08 U	0.08 U	
sec-Butylbenzene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
tert-Amylmethyl ether		0.004 U	0.004 U	0.004 U			
tert-Butylbenzene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
trans-1,3-Dichloropropene		0.004 U	0.004 U	0.004 U	0.08 U	0.08 U	
Volatile Organic Compounds (mg/kg)							
Acetone		0.03	0.09	0.02			
Benzene		0.004 U	0.004 U	0.004 U	0.08 U	0.08 U	
Bromodichloromethane		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Bromoform		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Bromomethane		0.004 U	0.004 U	0.004 U	0.68 U	0.67 U	
Carbon Disulfide		0.004 J	0.01	0.004 U			
Carbon Tetrachloride		0.004 U	0.004 U	0.004 U	0.10 U	0.10 U	
Chlorobenzene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Chloroform		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Chloromethane		0.004 U	0.004 U	0.004 U	1.90 U	1.90 U	
Dibromochloromethane		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Dichlorobenzene, 1,4-		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Dichloroethane, 1,1-		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Dichloroethane, 1,2-		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Dichloroethylene, 1,1-		0.004 U	0.004 U	0.004 U	0.10 U	0.10 U	
Dichloroethylene, 1,2- (Mixed Isomers)		0.007 U	0.12	0.007 U			
Dichloroethylene, 1,2-cis-		0.003 J	0.12	0.004 U	0.19 U	0.19 U	
Dichloroethylene, 1,2-trans-		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Dichloropropane, 1,2-		0.004 U	0.004 U	0.004 U	0.06 U	0.06 U	
Ethyl Chloride		0.004 U	0.004 U	0.004 U	1.90 U	1.90 U	
Ethylbenzene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Hexanone, 2-		0.01 U	0.01 U	0.01 U			
Methyl Ethyl Ketone (2-Butanone)		0.01 U	0.01 U	0.01 U			

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_74_10-12_082412	SUP_SL_74_12-14_082412	SUP_SL_74_14-16_082412	SUP_SL_8_0-1_08/02/10_SO	SUP_SL_8_1-2_08/02/10_SO_DC	SUP_SL_8_6-7_081511
Methylene Chloride		0.01 U	0.01 U	0.01 U	0.19 U	0.19 U	
Styrene		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Tetrachloroethane, 1,1,2,2-		0.004 U	0.004 U	0.004 U	0.05 U	0.05 U	
Tetrachloroethylene		0.01 J	0.04 J	0.006 J	0.10 U	0.10 U	
Toluene		0.004 U	0.11	0.004 U	0.19 U	0.19 U	
Trichloroethane, 1,1,1-		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Trichloroethane, 1,1,2-		0.004 U	0.004 U	0.004 U	0.06 U	0.06 U	
Trichloroethylene		0.002 J	0.005	0.004 U	0.08 U	0.08 U	
Vinyl Chloride		0.004 U	0.005	0.004 U	0.04 U	0.04 U	
Xylene, o-		0.004 U	0.004 U	0.004 U	0.19 U	0.19 U	
Xylenes		0.01 U	0.01 U	0.01 U			
m&p-Xylene		0.007 U	0.008 U	0.007 U	0.19 U	0.19 U	
p-Isopropyltoluene		0.004 U	0.21	0.004 U	0.19 U	0.19 U	

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_8 7-8_081511	SUP_SL_8 8-10_081511_DC	SUP_SL_8 10-12_081511	SUP_SL_8 12-14_081511
Dioxins/Furans (mg/kg)					
Dibenzofuran					
Metals (mg/kg)					
Arsenic, Inorganic		181.50	38.60	17.50	
Cadmium		1.10 J	5.60 U	0.08 J	
Lead and Compounds		107.85	23.70	21.50	
Mercury (elemental)					
Nickel Refinery Dust					
Polycyclic Aromatic Hydrocarbons					
Acenaphthene					
Anthracene					
Benz[a]anthracene					
Benzo[a]pyrene					
Benzo[b]fluoranthene					
Benzo[k]fluoranthene					
Chrysene					
Dibenz[a,h]anthracene					
Fluoranthene					
Fluorene					
Indeno[1,2,3-cd]pyrene					
Methylnaphthalene, 1-					
Methylnaphthalene, 2-					
Naphthalene		0.002 UB	0.0006 UB	0.003 U	
Pyrene					
Pesticides (mg/kg)					
Aldrin					
Chlordane, alpha					
Chlordane, gamma					
DDD					
DDE, p,p'-					

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_8 7-8_081511	SUP_SL_8 8-10_081511_DC	SUP_SL_8 10-12_081511	SUP_SL_8 12-14_081511
DDT					
Dieldrin					
Endosulfan I					
Endosulfan II					
Endosulfan sulfate					
Endrin					
Endrin aldehyde					
Endrin ketone					
Heptachlor					
Heptachlor Epoxide					
Hexachlorocyclohexane, Alpha-					
Hexachlorocyclohexane, Beta-					
Hexachlorocyclohexane, Gamma- (Lindane)					
Hexachlorocyclohexane, delta-					
Methoxychlor					
Toxaphene					
Petroleum Hydrocarbons (mg/kg)					
Diesel Range Organics (~C8~C24)					
Gasoline Range Organics (~C4~C12)					
Motor Oil Range Organics (~C14~C50)					
Semi-Volatile Organic Compounds					
1,1-Dichloropropene		0.007 U	0.003 U	0.003 U	0.003 U
1,3-Dichlorobenzene		0.007 U	0.003 U	0.003 U	0.003 U
2,2-Dichloropropane		0.007 U	0.003 U	0.003 U	0.003 U
Acenaphthylene					
Benzo(g,h,i)perylene					
Benzoic Acid					
Benzyl Alcohol					
Bis(2-chloro-1-methylethyl) ether					
Bis(2-chloroethoxy)methane					

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_8 7-8_081511	SUP_SL_8 8-10_081511_DC	SUP_SL_8 10-12_081511	SUP_SL_8 12-14_081511
Bis(2-chloroethyl)ether					
Bis(2-ethylhexyl)phthalate					
Bromobenzene			0.007 U	0.003 U	0.003 U
Bromochloromethane			0.007 U	0.003 U	0.003 U
Bromophenylphenylether, 4- Butyl Benzyl Phthlate					
Butylbenzene, n- Carbazole			0.007 U	0.003 U	0.003 U
Chloroaniline, p- Chloronaphthalene, Beta- Chlorophenol, 2- Chlorophenylphenylether, 4-					
Chlorotoluene, o- Chlorotoluene, p- Cresol, o-			0.007 U	0.003 U	0.003 U
Cresol, p-chloro-m- Cumene			0.007 U	0.003 U	0.003 U
Di-n-octyl Phthalate					
Dibromo-3-chloropropane, 1,2- Dibromoethane, 1,2- Dibromomethane (Methylene Bromide)			0.01 U	0.006 U	0.005 U
Dibutyl Phthalate			0.007 U	0.003 U	0.003 U
Dichlorobenzene, 1,2- Dichlorobenzidine, 3,3'- Dichlorodifluoromethane			0.007 U	0.003 U	0.003 U
Dichlorophenol, 2,4- Dichloropropane, 1,3- Diethyl Phthalate			0.007 U	0.003 U	0.003 U
Dimethyl Phthalate Dimethylphenol, 2,4- Dinitro-o-cresol, 4,6-					

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_8 7-8_081511	SUP_SL_8 8-10_081511_DC	SUP_SL_8 10-12_081511	SUP_SL_8 12-14_081511
Dinitrophenol, 2,4-					
Dinitrotoluene, 2,4-					
Dinitrotoluene, 2,6-					
Hexachlorobenzene					
Hexachlorobutadiene			0.007 U	0.003 U	0.003 U
Hexachlorocyclopentadiene					
Hexachloroethane					
Isophorone					
Methyl Isobutyl Ketone			0.02 U	0.01 U	0.01 U
Methyl tert-Butyl Ether (MTBE)			0.007 U	0.003 U	0.003 U
Methylphenol Coelution, 3- & 4-					
Nitroaniline, 2-					
Nitroaniline, 3-					
Nitroaniline, 4-					
Nitrobenzene					
Nitrophenol, 2-					
Nitrophenol, 4-					
Nitroso-di-N-propylamine, N-					
Nitrosodiphenylamine, N-					
Pentachlorophenol		0.75 U	0.70 U	0.43 U	0.43 U
Phenanthrene					
Phenol					
Propyl benzene			0.007 U	0.003 U	0.003 U
Tetrachloroethane, 1,1,1,2-			0.007 U	0.003 U	0.003 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-			0.007 U	0.003 U	0.003 U
Trichlorobenzene, 1,2,3-			0.007 U	0.003 U	0.003 U
Trichlorobenzene, 1,2,4-			0.007 U	0.003 U	0.003 U
Trichlorofluoromethane			0.007 U	0.003 U	0.003 U
Trichlorophenol, 2,4,5-					
Trichlorophenol, 2,4,6-					
Trichloropropane, 1,2,3-			0.007 U	0.003 U	0.003 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_8 7-8_081511	SUP_SL_8 8-10_081511_DC	SUP_SL_8 10-12_081511	SUP_SL_8 12-14_081511
Trimethylbenzene, 1,2,4-			0.007 U	0.003 U	0.003 U
Trimethylbenzene, 1,3,5-			0.007 U	0.003 U	0.003 U
cis-1,3-Dichloropropene			0.007 U	0.003 U	0.003 U
sec-Butylbenzene			0.007 U	0.003 U	0.003 U
tert-Amylmethyl ether			0.007 U	0.003 U	0.003 U
tert-Butylbenzene			0.007 U	0.003 U	0.003 U
trans-1,3-Dichloropropene			0.007 U	0.003 U	0.003 U
Volatile Organic Compounds (mg/kg)					
Acetone			0.09 B	0.02 UB	0.02 UB
Benzene			0.003 J	0.0003 J	0.0003 J
Bromodichloromethane			0.007 U	0.003 U	0.003 U
Bromoform			0.007 U	0.003 U	0.003 U
Bromomethane			0.007 U	0.003 U	0.003 U
Carbon Disulfide			0.02 J	0.003 J	0.002 J
Carbon Tetrachloride			0.007 U	0.003 U	0.003 U
Chlorobenzene			0.007 U	0.003 U	0.003 U
Chloroform			0.007 U	0.003 U	0.003 U
Chloromethane			0.007 U	0.003 U	0.003 U
Dibromochloromethane			0.007 U	0.003 U	0.003 U
Dichlorobenzene, 1,4-			0.007 U	0.003 U	0.003 U
Dichloroethane, 1,1-			0.007 U	0.003 U	0.003 U
Dichloroethane, 1,2-			0.007 U	0.003 U	0.003 U
Dichloroethylene, 1,1-			0.007 U	0.003 U	0.003 U
Dichloroethylene, 1,2- (Mixed Isomers)			0.001 J	0.007 U	0.006 U
Dichloroethylene, 1,2-cis-			0.001 J	0.003 U	0.003 U
Dichloroethylene, 1,2-trans-			0.007 U	0.003 U	0.003 U
Dichloropropane, 1,2-			0.007 U	0.003 U	0.003 U
Ethyl Chloride			0.007 U	0.003 U	0.003 U
Ethylbenzene			0.007 U	0.003 U	0.003 U
Hexanone, 2-			0.02 U	0.01 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)			0.02 J	0.01 U	0.01 U

On-Site Soil RI Soil Samples

Constituent	Sample ID:	SUP_SL_8 7-8_081511	SUP_SL_8 8-10_081511_DC	SUP_SL_8 10-12_081511	SUP_SL_8 12-14_081511
Methylene Chloride			0.02 U	0.01 U	0.01 U
Styrene			0.007 U	0.003 U	0.003 U
Tetrachloroethane, 1,1,2,2-			0.007 U	0.003 U	0.003 U
Tetrachloroethylene			0.007 U	0.003 U	0.003 U
Toluene			0.0010 UB	0.003 U	0.003 U
Trichloroethane, 1,1,1-			0.007 U	0.003 U	0.003 U
Trichloroethane, 1,1,2-			0.007 U	0.003 U	0.003 U
Trichloroethylene			0.007 U	0.003 U	0.003 U
Vinyl Chloride			0.007 U	0.003 U	0.003 U
Xylene, o-			0.007 U	0.003 U	0.003 U
Xylenes			0.02 U	0.01 U	0.009 U
m&p-Xylene			0.01 U	0.007 U	0.006 U
p-Isopropyltoluene			0.007 U	0.003 U	0.003 U

On-Site Soil RI Surface Water Samples

Constituent	Sample ID:	SUP_GW_3_051011	SUP_GW_6_051011	SUP_GW_7_051111	SW-SW-3-092012	SW-SW-4-092012
Dissolved Metals (ug/L)						
Arsenic, Inorganic		143000.00 B	30500.00 B	14900.00 B	20100.00 B	5700.00 B
Cadmium		640.00	97.00	47.00	460.00	120.00
Lead and Compounds		110.00	360.00	8.20 J	62.00	7.20 J
Mercury (elemental)				0.20 U	0.20 U	0.20 U
Total Metals (ug/L)						
Arsenic, Inorganic		181000.00	39300.00	132000.00	20500.00	6200.00
Cadmium		5100.00	1200.00	4300.00	500.00	140.00
Lead and Compounds		16400.00	40300.00	192000.00	570.00	31.00
Mercury (elemental)				53.00	0.20	0.20 U
(ug/L)						
Naphthalene		0.88 UB	0.17 UB	0.33 UB		
Petroleum Hydrocarbons (ug/L)						
Diesel Range Organics (~C8~C24)					310.00 J	140.00
Gasoline Range Organics (~C4~C12)					25.00 U	25.00 U
Motor Oil Range Organics (~C14~C50)					600.00 J	220.00 J
(ug/L)						
1,1-Dichloropropene		1.00 U	1.00 U	1.00 U		
1,3-Dichlorobenzene		1.00 U	1.00 U	1.00 U		
2,2-Dichloropropane		1.00 U	1.00 U	1.00 U		
Bromobenzene		1.00 U	1.00 U	1.00 U		
Bromochloromethane		1.00 U	1.00 U	1.00 U		
Butylbenzene, n-		1.00 U	1.00 U	1.00 U		
Chlorotoluene, o-		1.00 U	1.00 U	1.00 U		
Chlorotoluene, p-		1.00 U	1.00 U	1.00 U		
Cumene		1.00 U	1.00 U	1.00 U		
Dibromo-3-chloropropane, 1,2-		4.00 U	4.00 U	4.00 U		
Dibromoethane, 1,2-		1.00 U	1.00 U	1.00 U		
Dibromomethane (Methylene Bromide)		1.00 U	1.00 U	1.00 U		

On-Site Soil RI Surface Water Samples

Constituent	Sample ID:	SUP_GW_3_051011	SUP_GW_6_051011	SUP_GW_7_051111	SW-SW-3-092012	SW-SW-4-092012
Dichlorobenzene, 1,2-		1.00 U	1.00 U	1.00 U		
Dichlorodifluoromethane		1.00 U	1.00 U	1.00 U		
Dichloropropane, 1,3-		1.00 U	1.00 U	1.00 U		
Hexachlorobutadiene		1.00 U	1.00 U	1.00 U		
Methyl Isobutyl Ketone		5.00 U	5.00 U	5.00 U		
Methyl tert-Butyl Ether (MTBE)		1.00 U	1.00 U	1.00 U		
Pentachlorophenol		4.70 U	4.70 U	0.68 J		
Propyl benzene		1.00 U	1.00 U	1.00 U		
Tetrachloroethane, 1,1,1,2-		1.00 U	1.00 U	1.00 U		
Trichlorobenzene, 1,2,3-		1.00 U	1.00 U	1.00 U		
Trichlorobenzene, 1,2,4-		1.00 U	1.00 U	1.00 U		
Trichlorofluoromethane		1.00 U	1.00 U	1.00 U		
Trichloropropane, 1,2,3-		1.00 U	1.00 U	1.00 U		
Trimethylbenzene, 1,2,4-		0.44 UB	0.49 UB	0.34 UB		
Trimethylbenzene, 1,3,5-		1.00 U	0.19 J	1.00 U		
cis-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U		
sec-Butylbenzene		1.00 U	1.00 U	1.00 U		
tert-Butylbenzene		1.00 U	1.00 U	1.00 U		
trans-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U		
Acetone		5.00 U	5.00 U	5.00 U		
Benzene		0.18 UB	0.15 UB	0.14 UB		
Bromodichloromethane		1.00 U	1.00 U	1.00 U		
Bromoform		1.00 U	1.00 U	1.00 U		
Bromomethane		1.00 U	1.00 U	1.00 U		
Carbon Disulfide		0.22 J	1.00 U	1.00 U		
Carbon Tetrachloride		1.00 U	1.00 U	1.00 U		
Chlorobenzene		1.00 U	1.00 U	1.00 U		
Chloroform		0.37 J	1.40	1.10		
Chloromethane		1.00 U	1.00 U	1.00 U		
Dibromochloromethane		1.00 U	1.00 U	1.00 U		
Dichlorobenzene, 1,4-		1.00 U	1.00 U	1.00 U		

On-Site Soil RI Surface Water Samples

Constituent	Sample ID:	SUP_GW_3_051011	SUP_GW_6_051011	SUP_GW_7_051111	SW-SW-3-092012	SW-SW-4-092012
Dichloroethane, 1,1-		1.00 U	1.00 U	1.00 U		
Dichloroethane, 1,2-		1.00 U	1.00 U	1.00 U		
Dichloroethylene, 1,1-		1.00 U	1.00 U	1.00 U		
Dichloroethylene, 1,2- (Mixed Isomers)		1.30 J	1.80 J	60.20		
Dichloroethylene, 1,2-cis-		1.20	1.70	59.80		
Dichloroethylene, 1,2-trans-		1.00 U	1.00 U	0.36 J		
Dichloropropane, 1,2-		1.00 U	1.00 U	1.00 U		
Ethyl Chloride		1.00 U	1.00 U	1.00 U		
Ethylbenzene		1.00 U	1.00 U	1.00 U		
Hexanone, 2-		5.00 U	5.00 U	5.00 U		
Methyl Ethyl Ketone (2-Butanone)		5.00 U	5.00 U	5.20		
Methylene Chloride		4.00 U	4.00 U	4.00 U		
Styrene		1.00 U	1.00 U	1.00 U		
Tetrachloroethane, 1,1,1,2,2-		1.00 U	1.00 U	1.00 U		
Tetrachloroethylene		1.00 U	0.22 J	0.13 J		
Toluene		0.30 UB	0.32 UB	0.28 UB		
Trichloroethane, 1,1,1-		1.00 U	1.00 U	1.00 U		
Trichloroethane, 1,1,2-		1.00 U	1.00 U	1.00 U		
Trichloroethylene		1.00 U	1.00 U	0.56 J		
Vinyl Chloride		0.16 J	0.42 J	0.95 J		
Xylene, o-		0.22 UB	0.20 UB	1.00 U		
Xylenes		0.84 UB	0.82 UB	0.62 UB		
m&p-Xylene		0.62 UB	0.62 UB	0.49 UB		
p-Isopropyltoluene		0.20 J	0.14 J	0.12 J		

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_1_063011	SUP_MW_1_121911	SUP_MW_1_040212	SUP_MW_1_070512	SUP_MW_1_100512	GW-MW-1-012913
Dissolved Metals (ug/L)							
Arsenic, Inorganic		5.20 J	6.30 J	2.60 J	7.10 J	12.60 UB	
Cadmium		5.00 U	5.00 U	5.00 U	5.00 U	0.20 U	
Lead and Compounds		10.00 U	10.00 U	10.00 U	10.00 U	1.00 U	
Mercury (elemental)		0.20 U	0.03 UB	0.20 UJ	0.20 UJ		
Total Metals (ug/L)							
Arsenic, Inorganic		40.00	51.00	45.00	39.00	41.50 UB	27.00 B
Cadmium		5.00 U	5.00 U	0.64 J	5.00 U	0.20 U	0.08 U
Lead and Compounds		12.00	7.30 J	2.50 J	4.50 J	2.21	0.83 UB
Mercury (elemental)		0.02 UB	0.04 UB	0.20 UJ	0.20 UJ		
Polycyclic Aromatic Hydrocarbons (ug/L)							
Naphthalene		0.08 UB	2.10 UB	1.00 U	1.00 U	1.00 U	4.00 U
Petroleum Hydrocarbons (ug/L)							
Diesel Range Organics (~C8~C24)		79.00 UJ	76.00 UJ	76.00 UJ	41.00 J	160.00 U	100.00 U
Gasoline Range Organics (~C4~C12)		41.70 B	50.00 U	50.00 U	50.00 U	50.00 U	100.00 U
Motor Oil Range Organics (~C14~C50)		400.00 UJ	380.00 UJ	380.00 UJ	380.00 UJ	810.00 U	100.00 U
Semi-Volatile Organic Compounds (ug/L)							
1,1-Dichloropropene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Bromobenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromochloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Butylbenzene, n-		0.06 UB	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorotoluene, o-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorotoluene, p-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cumene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromo-3-chloropropane, 1,2-		4.00 U	4.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Dibromoethane, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane (Methylene Bromide)		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_1_063011	SUP_MW_1_121911	SUP_MW_1_040212	SUP_MW_1_070512	SUP_MW_1_100512	GW-MW-1-012913
Dichlorobenzene, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloropropane, 1,3-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U
Methyl Isobutyl Ketone		5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Methyl tert-Butyl Ether (MTBE)		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Pentachlorophenol		4.90 U	3.00 J	4.80 UJ	4.80 U	2.20 UB	0.51 U
Propyl benzene		0.08 UB	0.12 J	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,3-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,4-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorofluoromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloropropane, 1,2,3-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Trimethylbenzene, 1,2,4-		1.00 U	0.73 J	0.24 J	0.20 UB	1.00 U	1.00 U
Trimethylbenzene, 1,3,5-		0.26 J	0.29 J	1.00 U	1.00 U	1.00 U	1.00 U
cis-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
sec-Butylbenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Volatile Organic Compounds (ug/L)							
Acetone		5.00 U	5.00 U	5.00 U	2.20 UB	5.00 U	25.00 U
Benzene		0.05 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromodichloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Bromomethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Carbon Disulfide		0.08 J	0.10 UB	0.36 UB	0.14 J	1.00 U	1.00 U
Carbon Tetrachloride		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroform		0.24 J	1.00 U	1.00 U	1.00 U	0.15 UB	1.00 U
Chloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Dibromochloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_1_063011	SUP_MW_1_121911	SUP_MW_1_040212	SUP_MW_1_070512	SUP_MW_1_100512	GW-MW-1-012913
Dichlorobenzene, 1,4-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethane, 1,1-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethane, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,1-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,2- (Mixed Isomers)		2.40	1.80 J	0.50 J	0.47 J	0.28 J	
Dichloroethylene, 1,2-cis-		2.20	1.60	0.41 J	0.38 J	0.28 J	1.00 U
Dichloroethylene, 1,2-trans-		0.12 J	0.17 J	1.00 U	1.00 U	1.00 U	1.00 U
Dichloropropane, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Ethyl Chloride		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Ethylbenzene		0.16 J	0.14 J	1.00 U	1.00 U	1.00 U	1.00 U
Hexanone, 2-		5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Methyl Ethyl Ketone (2-Butanone)		5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Methylene Chloride		0.20 UB	5.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Styrene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethylene		0.28 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Toluene		9.90 B	2.40	1.90	1.10	1.30 B	1.00 U
Trichloroethane, 1,1,1-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethane, 1,1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethylene		1.00 U	1.00 UB	0.11 UB	1.00 U	1.00 U	1.00 U
Vinyl Chloride		0.42 J	0.51 J	0.20 U	0.20 U	1.00 U	0.40 U
Xylene, o-		0.27 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Xylenes		1.40 UB	0.45 J	3.00 U	3.00 U	3.00 U	3.00 U
m&p-Xylene		1.10 UB	0.35 J	2.00 U	2.00 U	2.00 U	2.00 U
p-Isopropyltoluene		3.30 B	0.47 J	1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	GW-MW-1-012913-(20)	SUP_MW_2_063011	SUP_MW_2_121911	SUP_MW_2_040212_DC	SUP_MW_2_070512	SUP_MW_2_100512
Dissolved Metals (ug/L)							
Arsenic, Inorganic		9.30 B	49.00	110.00	6.25 J	9.50 J	52.40 UB
Cadmium		0.08 U	0.68 J	5.00 U	5.00 U	5.00 U	0.20 U
Lead and Compounds		0.10 U	10.00 U	10.00 U	10.00 U	10.00 U	1.00 U
Mercury (elemental)			0.02 UB	0.03 UB	0.20 UJ	0.01 J	
Total Metals (ug/L)							
Arsenic, Inorganic			270.00	340.00	105.00	68.00	204.00 UB
Cadmium			2.90 J	5.00 U	1.75 J	0.48 J	0.20 U
Lead and Compounds			3.90 J	5.30 J	4.45 J	10.00 U	1.00 U
Mercury (elemental)			0.03 UB	0.03 UB	0.20 UJ	0.01 J	
Polycyclic Aromatic Hydrocarbons (ug/L)							
Naphthalene			1.00 U	10.00 U	1.00 U	1.00 U	1.00 U
Petroleum Hydrocarbons (ug/L)							
Diesel Range Organics (~C8~C24)			82.00 UJ	77.00 UJ	41.00 J	77.00 U	160.00 U
Gasoline Range Organics (~C4~C12)			5.60 UB	50.00 U	50.00 U	50.00 U	50.00 U
Motor Oil Range Organics (~C14~C50)			410.00 UJ	380.00 UJ	380.00 UJ	380.00 UJ	810.00 U
Semi-Volatile Organic Compounds (ug/L)							
1,1-Dichloropropene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromobenzene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromochloromethane			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Butylbenzene, n-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorotoluene, o-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorotoluene, p-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cumene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromo-3-chloropropane, 1,2-			4.00 U	4.00 U	5.00 U	5.00 U	5.00 U
Dibromoethane, 1,2-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane (Methylene Bromide)			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	GW-MW-1-012913-(20)	SUP_MW_2_063011	SUP_MW_2_121911	SUP_MW_2_040212_DC	SUP_MW_2_070512	SUP_MW_2_100512
Dichlorobenzene, 1,2-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloropropane, 1,3-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl Isobutyl Ketone			5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-Butyl Ether (MTBE)			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Pentachlorophenol			5.10 U	4.80 UJ	4.80 UJ	4.80 U	2.20 UB
Propyl benzene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,3-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,4-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorofluoromethane			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloropropane, 1,2,3-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trimethylbenzene, 1,2,4-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trimethylbenzene, 1,3,5-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
cis-1,3-Dichloropropene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
sec-Butylbenzene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Volatile Organic Compounds (ug/L)							
Acetone			5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Benzene			0.03 J	1.00 U	1.00 U	1.00 U	1.00 U
Bromodichloromethane			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromomethane			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon Disulfide			0.08 J	0.18 UB	0.33 UB	0.10 J	1.00 U
Carbon Tetrachloride			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroform			0.07 J	1.00 U	1.00 U	1.00 U	0.16 UB
Chloromethane			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromochloromethane			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	GW-MW-1-012913-(20)	SUP_MW_2_063011	SUP_MW_2_121911	SUP_MW_2_040212_DC	SUP_MW_2_070512	SUP_MW_2_100512
Dichlorobenzene, 1,4-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethane, 1,1-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethane, 1,2-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,1-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,2- (Mixed Isomers)			2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethylene, 1,2-cis-			1.00 U	0.17 UB	1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,2-trans-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloropropane, 1,2-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Ethyl Chloride			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Ethylbenzene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexanone, 2-			5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl Ethyl Ketone (2-Butanone)			5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methylene Chloride			0.14 UB	5.00 U	5.00 U	5.00 U	5.00 U
Styrene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2,2-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethylene			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Toluene			0.08 UB	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethane, 1,1,1,1-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethane, 1,1,1,2-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethylene			1.00 U	0.36 UJB	1.00 U	1.00 U	1.00 U
Vinyl Chloride			1.00 U	0.13 J	0.20 U	0.20 U	1.00 U
Xylene, o-			1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Xylenes			0.74 UB	3.00 U	3.00 U	3.00 U	3.00 U
m&p-Xylene			0.73 UB	2.00 U	2.00 U	2.00 U	2.00 U
p-Isopropyltoluene			0.05 UB	1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	GW-MW-2-012913	GW-MW-2-012913-(20)	SUP_MW_3_062711	SUP_MW_3_121911	SUP_MW_3_040212	SUP_MW_3_070512
Dissolved Metals (ug/L)							
Arsenic, Inorganic			28.00 B	4000.00	14700.00	10600.00	4900.00
Cadmium			0.08 U	35.00	14.00	200.00	88.00
Lead and Compounds			0.10 U	5.20 J	300.00	280.00	34.00
Mercury (elemental)				0.20 U	0.05 UB	0.20 UJ	0.20 UJ
Total Metals (ug/L)							
Arsenic, Inorganic		340.00 B		5800.00	16600.00	8700.00	7200.00
Cadmium		0.08 U		40.00	12.00	170.00	110.00
Lead and Compounds		3.80 UB		250.00	1700.00	370.00	2000.00
Mercury (elemental)				0.08 B	0.45 B	0.08 J	0.48 J
Polycyclic Aromatic Hydrocarbons (ug/L)							
Naphthalene		4.00 U		0.17 UB	10.00 U	1.00 U	1.00 U
Petroleum Hydrocarbons (ug/L)							
Diesel Range Organics (~C8~C24)		100.00 U		78.00 U	77.00 UJ	76.00 UJ	78.00 U
Gasoline Range Organics (~C4~C12)		100.00 U		50.00 UJ	50.00 U	50.00 U	50.00 U
Motor Oil Range Organics (~C14~C50)		100.00 U		390.00 U	380.00 UJ	380.00 UJ	390.00 UJ
Semi-Volatile Organic Compounds (ug/L)							
1,1-Dichloropropene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane		4.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Bromobenzene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Bromochloromethane		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Butylbenzene, n-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Chlorotoluene, o-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Chlorotoluene, p-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Cumene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dibromo-3-chloropropane, 1,2-		4.00 U		4.00 U	4.00 U	5.00 U	5.00 U
Dibromoethane, 1,2-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane (Methylene Bromide)		4.00 U		1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	GW-MW-2-012913	GW-MW-2-012913-(20)	SUP_MW_3_062711	SUP_MW_3_121911	SUP_MW_3_040212	SUP_MW_3_070512
Dichlorobenzene, 1,2-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dichloropropane, 1,3-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene		5.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Methyl Isobutyl Ketone		4.00 U		5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-Butyl Ether (MTBE)		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Pentachlorophenol		0.51 U		5.00 U	4.90 UJ		4.80 U
Propyl benzene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,3-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,4-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Trichlorofluoromethane		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Trichloropropane, 1,2,3-		4.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Trimethylbenzene, 1,2,4-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Trimethylbenzene, 1,3,5-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
cis-1,3-Dichloropropene		4.00 U		1.00 U	1.00 U	1.00 U	1.00 U
sec-Butylbenzene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene		4.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Volatile Organic Compounds (ug/L)							
Acetone		25.00 U		5.00 U	3.90 J	5.00 U	5.10 UB
Benzene		1.00 U		0.06 UB	1.00 U	0.12 J	1.00 U
Bromodichloromethane		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Bromoform		4.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Bromomethane		4.00 U		1.00 U	1.00 U	1.00 U	0.12 UB
Carbon Disulfide		1.00 U		0.27 J	0.49 UB	0.53 UB	0.58 J
Carbon Tetrachloride		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Chloroform		1.00 U		0.27 J	1.00 U	1.00 U	1.00 U
Chloromethane		4.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dibromochloromethane		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	GW-MW-2-012913	GW-MW-2-012913-(20)	SUP_MW_3_062711	SUP_MW_3_121911	SUP_MW_3_040212	SUP_MW_3_070512
Dichlorobenzene, 1,4-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethane, 1,1-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethane, 1,2-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,1-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,2- (Mixed Isomers)				0.30 J	0.47 J	0.31 J	0.46 J
Dichloroethylene, 1,2-cis-		1.00 U		0.30 J	0.47 UB	0.31 J	0.46 J
Dichloroethylene, 1,2-trans-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Dichloropropane, 1,2-		4.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Ethyl Chloride		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Ethylbenzene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Hexanone, 2-		4.00 U		5.00 U	5.00 U	5.00 U	5.00 U
Methyl Ethyl Ketone (2-Butanone)		4.00 U		5.00 U	5.00 U	5.00 U	5.00 U
Methylene Chloride		4.00 U		0.71 UB	5.00 U	5.00 U	5.00 U
Styrene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2,2-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethylene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Toluene		1.00 U		0.11 UB	1.00 U	0.17 J	1.00 U
Trichloroethane, 1,1,1-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethane, 1,1,2-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethylene		1.00 U		1.00 U	0.38 UJB	1.00 U	1.00 U
Vinyl Chloride		0.40 U		1.70	0.83 J	0.75 J	1.20
Xylene, o-		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U
Xylenes		3.00 U		0.77 UB	3.00 U	3.00 U	3.00 U
m&p-Xylene		2.00 U		0.75 UB	2.00 U	2.00 U	2.00 U
p-Isopropyltoluene		1.00 U		1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_3_100512	GW-MW-3-013013	GW-MW-3-013013-(20)	SUP_MW_4_063011	SUP_MW_4_121911	SUP_MW_4_040212
Dissolved Metals (ug/L)							
Arsenic, Inorganic		5770.00 B		5000.00 B	13.00 J	26.00	5.70 J
Cadmium		0.20 U		0.08 U	5.00 U	5.00 U	5.00 U
Lead and Compounds		133.00		110.00 B	10.00 U	2.20 J	2.00 J
Mercury (elemental)					0.20 U	0.03 UB	0.20 UJ
Total Metals (ug/L)							
Arsenic, Inorganic		7860.00 B	5700.00 B		33.00	26.00	16.00
Cadmium		0.20 U	0.40 U		5.00 U	5.00 U	5.00 U
Lead and Compounds		168.00	580.00 B		4.70 J	10.00 U	2.70 J
Mercury (elemental)					0.20 U	0.01 UB	0.20 UJ
Polycyclic Aromatic Hydrocarbons (ug/L)							
Naphthalene		1.00 U	4.00 U		1.00 U	10.00 U	4.80 U
Petroleum Hydrocarbons (ug/L)							
Diesel Range Organics (~C8~C24)		160.00 U	100.00 U		80.00 UJ	77.00 UJ	77.00 UJ
Gasoline Range Organics (~C4~C12)		50.00 U	100.00 U		5.60 UB	50.00 U	50.00 U
Motor Oil Range Organics (~C14~C50)		820.00 U	100.00 U		400.00 UJ	380.00 UJ	380.00 UJ
Semi-Volatile Organic Compounds (ug/L)							
1,1-Dichloropropene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene		1.00 U	1.00 U		1.00 U	1.00 U	4.80 U
2,2-Dichloropropane		1.00 U	4.00 U		1.00 U	1.00 U	1.00 U
Bromobenzene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Bromochloromethane		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Butylbenzene, n-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Chlorotoluene, o-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Chlorotoluene, p-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Cumene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Dibromo-3-chloropropane, 1,2-		5.00 U	4.00 U		4.00 U	4.00 U	5.00 U
Dibromoethane, 1,2-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Dibromomethane (Methylene Bromide)		1.00 U	4.00 U		1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_3_100512	GW-MW-3-013013	GW-MW-3-013013-(20)	SUP_MW_4_063011	SUP_MW_4_121911	SUP_MW_4_040212
Dichlorobenzene, 1,2-		1.00 U	1.00 U		1.00 U	1.00 U	4.80 U
Dichlorodifluoromethane		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Dichloropropane, 1,3-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Hexachlorobutadiene		1.00 U	5.00 U		1.00 U	1.00 U	4.80 U
Methyl Isobutyl Ketone		5.00 U	4.00 U		5.00 U	5.00 U	5.00 U
Methyl tert-Butyl Ether (MTBE)		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Pentachlorophenol		2.10 UB	0.52 U		5.00 U	4.80 UJ	4.80 UJ
Propyl benzene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,3-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,4-		1.00 U	1.00 U		1.00 U	1.00 U	4.80 U
Trichlorofluoromethane		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Trichloropropane, 1,2,3-		1.00 U	4.00 U		1.00 U	1.00 U	1.00 U
Trimethylbenzene, 1,2,4-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Trimethylbenzene, 1,3,5-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
cis-1,3-Dichloropropene		1.00 U	4.00 U		1.00 U	1.00 U	1.00 U
sec-Butylbenzene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
tert-Butylbenzene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene		1.00 U	4.00 U		1.00 U	1.00 U	1.00 U
Volatile Organic Compounds (ug/L)							
Acetone		5.00 U	25.00 U		5.00 U	5.00 U	5.00 U
Benzene		0.43 J	1.00 U		1.00 U	1.00 U	1.00 U
Bromodichloromethane		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Bromoform		1.00 U	4.00 U		1.00 U	1.00 U	1.00 U
Bromomethane		1.00 U	4.00 U		1.00 U	1.00 U	1.00 U
Carbon Disulfide		1.00 U	1.00 U		1.00 U	0.12 J	0.36 UB
Carbon Tetrachloride		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Chlorobenzene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Chloroform		0.20 UB	1.00 U		0.06 J	1.00 U	1.00 U
Chloromethane		1.00 U	4.00 U		1.00 U	1.00 U	1.00 U
Dibromochloromethane		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_3_100512	GW-MW-3-013013	GW-MW-3-013013-(20)	SUP_MW_4_063011	SUP_MW_4_121911	SUP_MW_4_040212
Dichlorobenzene, 1,4-		1.00 U	1.00 U		1.00 U	1.00 U	4.80 U
Dichloroethane, 1,1-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Dichloroethane, 1,2-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,1-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.33 J			2.00 U	2.00 U	2.00 U
Dichloroethylene, 1,2-cis-		0.33 J	1.00 U		1.00 U	0.16 UB	1.00 U
Dichloroethylene, 1,2-trans-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Dichloropropane, 1,2-		1.00 U	4.00 U		1.00 U	1.00 U	1.00 U
Ethyl Chloride		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Ethylbenzene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Hexanone, 2-		5.00 U	4.00 U		5.00 U	5.00 U	5.00 U
Methyl Ethyl Ketone (2-Butanone)		5.00 U	4.00 U		5.00 U	5.00 U	5.00 U
Methylene Chloride		5.00 U	4.00 U		0.16 UB	5.00 U	5.00 U
Styrene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2,2-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Tetrachloroethylene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Toluene		0.15 UB	1.00 U		1.00 U	1.00 U	1.00 U
Trichloroethane, 1,1,1-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Trichloroethane, 1,1,2-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Trichloroethylene		1.00 U	1.00 U		1.00 U	0.32 UJB	1.00 U
Vinyl Chloride		1.00 U	0.47		0.54 J	0.88 J	1.00 U
Xylene, o-		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U
Xylenes		3.00 U	3.00 U		3.00 U	3.00 U	3.00 U
m&p-Xylene		2.00 U	2.00 U		2.00 U	2.00 U	2.00 U
p-Isopropyltoluene		1.00 U	1.00 U		1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_4_070512	SUP_MW_4_100812_DC	GW-MW-4-012813	GW-MW-4-012813-(20)	SUP_MW_5_063011	SUP_MW_5_121911
Dissolved Metals (ug/L)							
Arsenic, Inorganic		6.90 J	12.70 UB		7.20 UB	360.00	280.00
Cadmium		5.00 U	0.20 U		0.08 U	3.50 J	5.00 U
Lead and Compounds		10.00 U	1.00 U		0.10 U	10.00 U	10.00 U
Mercury (elemental)		0.20 UJ	0.20 U,B			0.02 UB	0.04 UB
Total Metals (ug/L)							
Arsenic, Inorganic		16.00	22.50 UB	16.00 B		1400.00	1500.00
Cadmium		5.00 U	0.20 U	0.08 U		15.00	0.43 J
Lead and Compounds		10.00 U	1.00 U	1.70 UB		10.00 U	1.90 J
Mercury (elemental)		0.20 UJ	0.20 U,B			0.03 UB	0.03 UB
Polycyclic Aromatic Hydrocarbons (ug/L)							
Naphthalene		1.00 U	1.00 U	4.00 U		1.00 U	10.00 U
Petroleum Hydrocarbons (ug/L)							
Diesel Range Organics (~C8~C24)		78.00 U	150.00 U	100.00 UJ		81.00 UJ	77.00 UJ
Gasoline Range Organics (~C4~C12)		50.00 U	50.00 U	100.00 U		4.90 UB	50.00 U
Motor Oil Range Organics (~C14~C50)		390.00 UJ	750.00 U	100.00 U		400.00 UJ	380.00 UJ
Semi-Volatile Organic Compounds (ug/L)							
1,1-Dichloropropene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
1,3-Dichlorobenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
2,2-Dichloropropane		1.00 U	1.00 U	4.00 U		1.00 U	1.00 U
Bromobenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Bromochloromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Butylbenzene, n-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Chlorotoluene, o-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Chlorotoluene, p-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Cumene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dibromo-3-chloropropane, 1,2-		5.00 U	5.00 U	4.00 U		4.00 U	4.00 U
Dibromoethane, 1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dibromomethane (Methylene Bromide)		1.00 U	1.00 U	4.00 U		1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_4_070512	SUP_MW_4_100812_DC	GW-MW-4-012813	GW-MW-4-012813-(20)	SUP_MW_5_063011	SUP_MW_5_121911
Dichlorobenzene, 1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichlorodifluoromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloropropane, 1,3-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Hexachlorobutadiene		1.00 U	1.00 U	5.00 U		1.00 U	1.00 U
Methyl Isobutyl Ketone		5.00 U	5.00 U	4.00 U		5.00 U	5.00 U
Methyl tert-Butyl Ether (MTBE)		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Pentachlorophenol		4.80 U	2.10 UB	0.51 U		5.00 U	4.80 UJ
Propyl benzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichlorobenzene, 1,2,3-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichlorobenzene, 1,2,4-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichlorofluoromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichloropropane, 1,2,3-		1.00 U	1.00 U	4.00 U		1.00 U	1.00 U
Trimethylbenzene, 1,2,4-		1.00 U	0.22 UB	1.00 U		1.00 U	1.00 U
Trimethylbenzene, 1,3,5-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
cis-1,3-Dichloropropene		1.00 U	1.00 U	4.00 U		1.00 U	1.00 U
sec-Butylbenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
tert-Butylbenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
trans-1,3-Dichloropropene		1.00 U	1.00 U	4.00 U		1.00 U	1.00 U
Volatile Organic Compounds (ug/L)							
Acetone		7.00 UB	5.00 U	25.00 U		5.00 U	5.00 U
Benzene		1.00 U	0.18 UB	1.00 U		1.00 U	1.00 U
Bromodichloromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Bromoform		1.00 U	1.00 U	4.00 U		1.00 U	1.00 U
Bromomethane		0.12 UB	1.00 U	4.00 U		1.00 U	1.00 U
Carbon Disulfide		0.31 J	1.00 U	1.00 U		0.09 J	1.00 U
Carbon Tetrachloride		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Chlorobenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Chloroform		1.00 U	1.00 U	1.00 U		0.37 J	1.00 U
Chloromethane		1.00 U	1.00 U	4.00 U		1.00 U	1.00 U
Dibromochloromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_4_070512	SUP_MW_4_100812_DC	GW-MW-4-012813	GW-MW-4-012813-(20)	SUP_MW_5_063011	SUP_MW_5_121911
Dichlorobenzene, 1,4-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloroethane, 1,1-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloroethane, 1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloroethylene, 1,1-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloroethylene, 1,2- (Mixed Isomers)		0.57 J	2.00 U			2.00 U	2.00 U
Dichloroethylene, 1,2-cis-		0.57 J	1.00 U	1.00 U		1.00 U	0.18 UB
Dichloroethylene, 1,2-trans-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloropropane, 1,2-		1.00 U	1.00 U	4.00 U		1.00 U	1.00 U
Ethyl Chloride		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Ethylbenzene		1.00 U	0.12 UB	1.00 U		1.00 U	1.00 U
Hexanone, 2-		5.00 U	5.00 U	4.00 U		5.00 U	5.00 U
Methyl Ethyl Ketone (2-Butanone)		5.00 U	5.00 U	4.00 U		5.00 U	5.00 U
Methylene Chloride		5.00 U	5.00 U	4.00 U		0.17 UB	5.00 U
Styrene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Tetrachloroethylene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Toluene		1.00 U	0.19 UB	1.00 U		0.04 UB	1.00 U
Trichloroethane, 1,1,1-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichloroethane, 1,1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichloroethylene		1.00 U	1.00 U	1.00 U		1.00 U	0.32 UJB
Vinyl Chloride		0.78 J	1.00 J	0.59		0.12 J	0.16 J
Xylene, o-		1.00 U	0.13 UB	1.00 U		1.00 U	1.00 U
Xylenes		3.00 U	0.52 UB	3.00 U		0.72 UB	3.00 U
m&p-Xylene		2.00 U	0.35 UB	2.00 U		0.72 UB	2.00 U
p-Isopropyltoluene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_5_040312	SUP_MW_5_070612_DC	SUP_MW_5_100812	GW-MW-5-012813-(20)_DC	GW-MW-5-012813_DC	SUP-MW-6_070111
Dissolved Metals (ug/L)							
Arsenic, Inorganic		410.00	510.00	447.00 B		475.00 B	1300.00
Cadmium		7.70	9.45	0.20 U		0.08 U	4.10 J
Lead and Compounds		10.00 U	10.00 U	1.00 U		0.10 U	22.00
Mercury (elemental)		0.20 UJ	0.20 UJ				0.02 UB
Total Metals (ug/L)							
Arsenic, Inorganic		1400.00	1400.00	1680.00 B		1300.00 B	2000.00
Cadmium		28.00	21.50	0.20 U		0.08 U	4.20 J
Lead and Compounds		10.00 U	10.00 U	1.00 U		0.72 UB	23.00
Mercury (elemental)		0.20 UJ	0.20 UJ				0.03 UB
Polycyclic Aromatic Hydrocarbons (ug/L)							
Naphthalene		1.00 U	1.00 U	1.00 U		4.00 U	0.09 UB
Petroleum Hydrocarbons (ug/L)							
Diesel Range Organics (~C8~C24)		76.00 U	39.00 J	160.00 U		100.00 UJ	82.00 UJ
Gasoline Range Organics (~C4~C12)		50.00 U	50.00 U	50.00 U		100.00 U	50.00 UJ
Motor Oil Range Organics (~C14~C50)		380.00 UJ	380.00 UJ	820.00 U		100.00 U	410.00 UJ
Semi-Volatile Organic Compounds (ug/L)							
1,1-Dichloropropene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
1,3-Dichlorobenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
2,2-Dichloropropane		1.00 U	1.00 U	1.00 U		4.00 U	1.00 U
Bromobenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Bromochloromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Butylbenzene, n-		1.00 U	1.00 U	1.00 U		1.00 U	0.04 UB
Chlorotoluene, o-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Chlorotoluene, p-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Cumene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dibromo-3-chloropropane, 1,2-		5.00 U	5.00 U	5.00 U		4.00 U	4.00 U
Dibromoethane, 1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dibromomethane (Methylene Bromide)		1.00 U	1.00 U	1.00 U		4.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_5_040312	SUP_MW_5_070612_DC	SUP_MW_5_100812	GW-MW-5-012813-(20)_DC	GW-MW-5-012813_DC	SUP-MW-6_070111
Dichlorobenzene, 1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichlorodifluoromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloropropane, 1,3-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Hexachlorobutadiene		1.00 U	1.00 U	1.00 U		5.00 U	1.00 U
Methyl Isobutyl Ketone		5.00 U	5.00 U	5.00 U		4.00 U	5.00 U
Methyl tert-Butyl Ether (MTBE)		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Pentachlorophenol		4.80 UJ	4.80 U	2.30 UB		0.51 U	4.90 U
Propyl benzene		1.00 U	1.00 U	1.00 U		1.00 U	0.03 UB
Tetrachloroethane, 1,1,1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichlorobenzene, 1,2,3-		1.00 U	1.00 U	1.00 U		1.00 U	0.09 UB
Trichlorobenzene, 1,2,4-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichlorofluoromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichloropropane, 1,2,3-		1.00 U	1.00 U	1.00 U		4.00 U	1.00 U
Trimethylbenzene, 1,2,4-		1.00 U	1.00 U	0.19 UB		1.00 U	1.00 U
Trimethylbenzene, 1,3,5-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
cis-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U		4.00 U	1.00 U
sec-Butylbenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
tert-Butylbenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
trans-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U		4.00 U	1.00 U
Volatile Organic Compounds (ug/L)							
Acetone		5.00 U	5.00 U	5.00 U		25.00 U	5.00 U
Benzene		1.00 U	1.00 U	0.18 UB		1.00 U	1.00 U
Bromodichloromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Bromoform		1.00 U	1.00 U	1.00 U		4.00 U	1.00 U
Bromomethane		1.00 U	0.23 UB	1.00 U		4.00 U	1.00 U
Carbon Disulfide		0.38 UB	1.00 U	1.00 U		1.00 U	0.26 J
Carbon Tetrachloride		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Chlorobenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Chloroform		1.00 U	1.00 U	0.18 UB		1.00 U	0.18 J
Chloromethane		1.00 U	1.00 U	1.00 U		4.00 U	1.00 U
Dibromochloromethane		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_5_040312	SUP_MW_5_070612_DC	SUP_MW_5_100812	GW-MW-5-012813-(20)_DC	GW-MW-5-012813_DC	SUP-MW-6_070111
Dichlorobenzene, 1,4-		1.00 U	1.00 U	1.00 U		1.00 U	0.02 UB
Dichloroethane, 1,1-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloroethane, 1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloroethylene, 1,1-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloroethylene, 1,2- (Mixed Isomers)		2.00 U	2.00 U	2.00 U			2.00 U
Dichloroethylene, 1,2-cis-		1.00 U	1.00 U	1.00 U		1.00 U	0.07 J
Dichloroethylene, 1,2-trans-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Dichloropropane, 1,2-		1.00 U	1.00 U	1.00 U		4.00 U	1.00 U
Ethyl Chloride		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Ethylbenzene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Hexanone, 2-		5.00 U	5.00 U	5.00 U		4.00 U	5.00 U
Methyl Ethyl Ketone (2-Butanone)		5.00 U	5.00 U	5.00 U		4.00 U	5.00 U
Methylene Chloride		5.00 U	5.00 U	5.00 U		4.00 U	0.27 UB
Styrene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Tetrachloroethylene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Toluene		1.00 U	1.00 U	0.20 UB		1.00 U	0.03 UB
Trichloroethane, 1,1,1-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichloroethane, 1,1,2-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Trichloroethylene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Vinyl Chloride		0.20 U	0.20 U	0.25 J		0.40 U	1.00 U
Xylene, o-		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U
Xylenes		3.00 U	3.00 U	0.36 UB		3.00 U	0.75 UB
m&p-Xylene		2.00 U	2.00 U	0.36 UB		2.00 U	0.75 UB
p-Isopropyltoluene		1.00 U	1.00 U	1.00 U		1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_6_122011	SUP_MW_6_040312	SUP_MW_6_070612	SUP_MW_6_100412	GW-MW-6-012813	GW-MW-6-012813-(20)
Dissolved Metals (ug/L)							
Arsenic, Inorganic		2000.00	1800.00	1700.00	1770.00 B		1800.00 B
Cadmium		1.10 J	34.00	31.00	0.20 U		0.08 U
Lead and Compounds		3.20 J	10.00 U	10.00 U	3.06		0.62 UB
Mercury (elemental)		0.04 UB	0.20 UJ	0.01 J			
Total Metals (ug/L)							
Arsenic, Inorganic		2100.00	2000.00	2000.00	2190.00 B	2000.00 B	
Cadmium		1.50 J	40.00	32.00	0.20 U	0.40 U	
Lead and Compounds		3.60 J	3.50 J	10.00 U	3.02	1.60 UB	
Mercury (elemental)		0.03 UB	0.20 UJ	0.20 UJ			
Polycyclic Aromatic Hydrocarbons (ug/L)							
Naphthalene		10.00 U	1.00 U	1.00 U	1.00 U	4.00 U	
Petroleum Hydrocarbons (ug/L)							
Diesel Range Organics (~C8~C24)		77.00 U	76.00 U	78.00 U	160.00 U	100.00 UJ	
Gasoline Range Organics (~C4~C12)		50.00 U	50.00 U	50.00 U	50.00 U	100.00 U	
Motor Oil Range Organics (~C14~C50)		380.00 U	380.00 UJ	390.00 UJ	810.00 U	100.00 U	
Semi-Volatile Organic Compounds (ug/L)							
1,1-Dichloropropene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
1,3-Dichlorobenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
2,2-Dichloropropane		1.00 U	1.00 U	1.00 U	1.00 U	4.00 U	
Bromobenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Bromochloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Butylbenzene, n-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Chlorotoluene, o-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Chlorotoluene, p-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Cumene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Dibromo-3-chloropropane, 1,2-		4.00 U	5.00 U	5.00 U	5.00 U	4.00 U	
Dibromoethane, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Dibromomethane (Methylene Bromide)		1.00 U	1.00 U	1.00 U	1.00 U	4.00 U	

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_6_122011	SUP_MW_6_040312	SUP_MW_6_070612	SUP_MW_6_100412	GW-MW-6-012813	GW-MW-6-012813-(20)
Dichlorobenzene, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Dichlorodifluoromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Dichloropropane, 1,3-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Hexachlorobutadiene		1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	
Methyl Isobutyl Ketone		5.00 U	5.00 U	5.00 U	5.00 U	4.00 U	
Methyl tert-Butyl Ether (MTBE)		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Pentachlorophenol		4.80 U	4.80 UJ	4.80 U	2.20 UB	0.51 U	
Propyl benzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Tetrachloroethane, 1,1,1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Trichlorobenzene, 1,2,3-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Trichlorobenzene, 1,2,4-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Trichlorofluoromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Trichloropropane, 1,2,3-		1.00 U	1.00 U	1.00 U	1.00 U	4.00 U	
Trimethylbenzene, 1,2,4-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Trimethylbenzene, 1,3,5-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
cis-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U	1.00 U	4.00 U	
sec-Butylbenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
tert-Butylbenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
trans-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U	1.00 U	4.00 U	
Volatile Organic Compounds (ug/L)							
Acetone		5.00 U	5.00 U	5.00 U	5.00 U	25.00 U	
Benzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Bromodichloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Bromoform		1.00 U	1.00 U	1.00 U	1.00 U	4.00 U	
Bromomethane		1.00 U	1.00 U	0.13 UB	1.00 U	4.00 U	
Carbon Disulfide		1.00 U	0.33 UB	1.00 U	1.00 U	1.00 U	
Carbon Tetrachloride		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Chlorobenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Chloroform		1.00 U	1.00 U	1.00 U	0.17 UB	1.00 U	
Chloromethane		1.00 U	1.00 U	1.00 U	1.00 U	4.00 U	
Dibromochloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP_MW_6_122011	SUP_MW_6_040312	SUP_MW_6_070612	SUP_MW_6_100412	GW-MW-6-012813	GW-MW-6-012813-(20)
Dichlorobenzene, 1,4-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Dichloroethane, 1,1-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Dichloroethane, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Dichloroethylene, 1,1-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Dichloroethylene, 1,2- (Mixed Isomers)		0.22 J	2.00 U	2.00 U	2.00 U		
Dichloroethylene, 1,2-cis-		0.22 UB	1.00 U	1.00 U	1.00 U	1.00 U	
Dichloroethylene, 1,2-trans-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Dichloropropane, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	4.00 U	
Ethyl Chloride		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Ethylbenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Hexanone, 2-		5.00 U	5.00 U	5.00 U	5.00 U	4.00 U	
Methyl Ethyl Ketone (2-Butanone)		5.00 U	5.00 U	5.00 U	5.00 U	4.00 U	
Methylene Chloride		5.00 U	5.00 U	5.00 U	5.00 U	4.00 U	
Styrene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Tetrachloroethane, 1,1,1,2,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Tetrachloroethylene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Toluene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Trichloroethane, 1,1,1-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Trichloroethane, 1,1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Trichloroethylene		0.35 UJB	1.00 U	1.00 U	1.00 U	1.00 U	
Vinyl Chloride		1.00 U	0.20 U	0.20 U	1.00 U	0.40 U	
Xylene, o-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Xylenes		3.00 U	3.00 U	3.00 U	3.00 U	3.00 U	
m&p-Xylene		2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
p-Isopropyltoluene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP-MW-7_070111	SUP_MW_7_122011	SUP_MW_7_040312	SUP_MW_7_070612	SUP_MW_7_100412	GW-MW-7-012913
Dissolved Metals (ug/L)							
Arsenic, Inorganic		3.20 J	4.10 J	20.00 U	3.20 J	2.49 UB	
Cadmium		5.00 U	5.00 U	5.00 U	5.00 U	0.20 U	
Lead and Compounds		12.00	10.00 U	10.00 U	10.00 U	1.00 U	
Mercury (elemental)		0.03 UB	0.03 UB	0.20 UJ	0.02 J		
Total Metals (ug/L)							
Arsenic, Inorganic		3.50 J	3.30 J	3.40 J	10.00 U	3.94 UB	3.20 UB
Cadmium		5.00 U	5.00 U	5.00 U	5.00 U	0.20 U	0.08 U
Lead and Compounds		22.00	10.00 U	10.00 U	10.00 U	1.00 U	1.90 UB
Mercury (elemental)		0.02 UB	0.03 UB	0.20 UJ	0.20 UJ		
Polycyclic Aromatic Hydrocarbons (ug/L)							
Naphthalene		0.76 UB	10.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Petroleum Hydrocarbons (ug/L)							
Diesel Range Organics (~C8~C24)		78.00 UJ	78.00 U	77.00 U	43.00 J	160.00 U	100.00 UJ
Gasoline Range Organics (~C4~C12)		58.90 J	50.00 U	50.00 U	50.00 U	50.00 U	100.00 U
Motor Oil Range Organics (~C14~C50)		390.00 UJ	390.00 U	380.00 UJ	380.00 UJ	810.00 U	100.00 U
Semi-Volatile Organic Compounds (ug/L)							
1,1-Dichloropropene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Bromobenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromochloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Butylbenzene, n-		0.11 UB	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorotoluene, o-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorotoluene, p-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cumene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromo-3-chloropropane, 1,2-		4.00 U	4.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Dibromoethane, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane (Methylene Bromide)		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP-MW-7_070111	SUP_MW_7_122011	SUP_MW_7_040312	SUP_MW_7_070612	SUP_MW_7_100412	GW-MW-7-012913
Dichlorobenzene, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloropropane, 1,3-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U
Methyl Isobutyl Ketone		5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Methyl tert-Butyl Ether (MTBE)		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Pentachlorophenol		4.90 U	4.90 U	4.80 UJ	4.80 U	2.20 UB	0.51 U
Propyl benzene		0.28 UB	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,3-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorobenzene, 1,2,4-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorofluoromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloropropane, 1,2,3-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Trimethylbenzene, 1,2,4-		0.86 UB	0.12 J	1.00 U	1.00 U	1.00 U	1.00 U
Trimethylbenzene, 1,3,5-		0.26 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
cis-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
sec-Butylbenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Volatile Organic Compounds (ug/L)							
Acetone		5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	25.00 U
Benzene		1.70 UB	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromodichloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Bromomethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Carbon Disulfide		0.24 J	1.00 U	0.28 UB	1.00 U	1.00 U	1.00 U
Carbon Tetrachloride		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroform		0.43 J	1.00 U	1.00 U	1.00 U	0.14 UB	1.00 U
Chloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Dibromochloromethane		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	SUP-MW-7_070111	SUP_MW_7_122011	SUP_MW_7_040312	SUP_MW_7_070612	SUP_MW_7_100412	GW-MW-7-012913
Dichlorobenzene, 1,4-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethane, 1,1-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethane, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,1-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloroethylene, 1,2- (Mixed Isomers)		2.00 U	0.35 J	0.33 J	2.00 U	2.00 U	
Dichloroethylene, 1,2-cis-		1.00 U	0.35 UB	0.33 J	0.15 J	1.00 U	1.00 U
Dichloroethylene, 1,2-trans-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichloropropane, 1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 U
Ethyl Chloride		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Ethylbenzene		0.25 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexanone, 2-		5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Methyl Ethyl Ketone (2-Butanone)		5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Methylene Chloride		5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.00 U
Styrene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethane, 1,1,1,2,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethylene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Toluene		0.37 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethane, 1,1,1-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethane, 1,1,2-		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethylene		1.00 U	0.38 UJB	0.91 UB	1.00 U	1.00 U	1.00 U
Vinyl Chloride		1.00 U	1.00 U	0.20 U	0.20 U	1.00 U	0.40 U
Xylene, o-		0.74 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Xylenes		1.50 J	3.00 U	3.00 U	3.00 U	3.00 U	3.00 U
m&p-Xylene		0.80 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
p-Isopropyltoluene		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	GW-MW-7-012913-(20)	SUP_MW_8_100812_DC	GW-MW-8-013013	GW-MW-8-013013-(20)
Dissolved Metals (ug/L)					
Arsenic, Inorganic		2.00 UB	21200.00 B		13400.00 B
Cadmium		0.08 U	0.20 U		0.08 U
Lead and Compounds		0.10 U	1.17		0.10 U
Mercury (elemental)			0.01 UB		0.20 U
Total Metals (ug/L)					
Arsenic, Inorganic			32900.00 B	16500.00 B	
Cadmium			0.20 U	0.08 U	
Lead and Compounds			2.02	0.48 UB	
Mercury (elemental)			0.20 U,B	0.20 U	
Polycyclic Aromatic Hydrocarbons (ug/L)					
Naphthalene			1.00 U	4.00 U	
Petroleum Hydrocarbons (ug/L)					
Diesel Range Organics (~C8~C24)			160.00 U	100.00 U	
Gasoline Range Organics (~C4~C12)			50.00 U	100.00 U	
Motor Oil Range Organics (~C14~C50)			820.00 U	100.00 U	
Semi-Volatile Organic Compounds (ug/L)					
1,1-Dichloropropene			1.00 U	1.00 U	
1,3-Dichlorobenzene			1.00 U	1.00 U	
2,2-Dichloropropane			1.00 U	4.00 U	
Bromobenzene			1.00 U	1.00 U	
Bromochloromethane			1.00 U	1.00 U	
Butylbenzene, n-			1.00 U	1.00 U	
Chlorotoluene, o-			1.00 U	1.00 U	
Chlorotoluene, p-			1.00 U	1.00 U	
Cumene			1.00 U	1.00 U	
Dibromo-3-chloropropane, 1,2-			5.00 U	4.00 U	
Dibromoethane, 1,2-			1.00 U	1.00 U	
Dibromomethane (Methylene Bromide)			1.00 U	4.00 U	

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	GW-MW-7-012913-(20)	SUP_MW_8_100812_DC	GW-MW-8-013013	GW-MW-8-013013-(20)
Dichlorobenzene, 1,2-			1.00 U	1.00 U	
Dichlorodifluoromethane			1.00 U	1.00 U	
Dichloropropane, 1,3-			1.00 U	1.00 U	
Hexachlorobutadiene			1.00 U	5.00 U	
Methyl Isobutyl Ketone			5.00 U	4.00 U	
Methyl tert-Butyl Ether (MTBE)			1.00 U	1.00 U	
Pentachlorophenol			2.40 UB	0.51 U	
Propyl benzene			1.00 U	1.00 U	
Tetrachloroethane, 1,1,1,2-			1.00 U	1.00 U	
Trichlorobenzene, 1,2,3-			1.00 U	1.00 U	
Trichlorobenzene, 1,2,4-			1.00 U	1.00 U	
Trichlorofluoromethane			1.00 U	1.00 U	
Trichloropropane, 1,2,3-			1.00 U	4.00 U	
Trimethylbenzene, 1,2,4-			1.00 U	1.00 U	
Trimethylbenzene, 1,3,5-			1.00 U	1.00 U	
cis-1,3-Dichloropropene			1.00 U	4.00 U	
sec-Butylbenzene			1.00 U	1.00 U	
tert-Butylbenzene			1.00 U	1.00 U	
trans-1,3-Dichloropropene			1.00 U	4.00 U	
Volatile Organic Compounds (ug/L)					
Acetone			5.00 U	25.00 U	
Benzene			1.00 U	1.00 U	
Bromodichloromethane			1.00 U	1.00 U	
Bromoform			1.00 U	4.00 U	
Bromomethane			1.00 U	4.00 U	
Carbon Disulfide			1.00 U	1.00 U	
Carbon Tetrachloride			1.00 U	1.00 U	
Chlorobenzene			1.00 U	1.00 U	
Chloroform			0.23 UB	1.00 U	
Chloromethane			1.00 U	4.00 U	
Dibromochloromethane			1.00 U	1.00 U	

On-Site Soil RI Surficial Aquifer Samples

Constituent	Sample ID:	GW-MW-7-012913-(20)	SUP_MW_8_100812_DC	GW-MW-8-013013	GW-MW-8-013013-(20)
Dichlorobenzene, 1,4-			1.00 U	1.00 U	
Dichloroethane, 1,1-			1.00 U	1.00 U	
Dichloroethane, 1,2-			1.00 U	1.00 U	
Dichloroethylene, 1,1-			1.00 U	1.00 U	
Dichloroethylene, 1,2- (Mixed Isomers)			1.40 J		
Dichloroethylene, 1,2-cis-			1.40	1.00 U	
Dichloroethylene, 1,2-trans-			1.00 U	1.00 U	
Dichloropropane, 1,2-			1.00 U	4.00 U	
Ethyl Chloride			1.00 U	1.00 U	
Ethylbenzene			1.00 U	1.00 U	
Hexanone, 2-			5.00 U	4.00 U	
Methyl Ethyl Ketone (2-Butanone)			5.00 U	4.00 U	
Methylene Chloride			5.00 U	4.00 U	
Styrene			1.00 U	1.00 U	
Tetrachloroethane, 1,1,1,2-			1.00 U	1.00 U	
Tetrachloroethylene			1.00 U	1.00 U	
Toluene			1.00 U	1.00 U	
Trichloroethane, 1,1,1-			1.00 U	1.00 U	
Trichloroethane, 1,1,2-			1.00 U	1.00 U	
Trichloroethylene			1.00 U	1.00 U	
Vinyl Chloride			1.70	1.10	
Xylene, o-			1.00 U	1.00 U	
Xylenes			3.00 U	3.00 U	
m&p-Xylene			2.00 U	2.00 U	
p-Isopropyltoluene			1.00 U	1.00 U	

Appendix C

This page has been left blank intentionally to allow for double-sided printing.



LOG OF BORING SUP_SL_1

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/10
Date Completed : 08/11/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711730.73
Easting Coord. : 1172740.22

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			60	0-1	N	No VOC	
1	FILL - Med Grey Sand			60	1-2	N	No VOC	
2				60	2-4	N		
3								
4	@ 3.5' Wood Debris							
5				60	4-6	N		
6	@ 5.5' Wood Debris							
7				100	6-8	N	No VOC	
8	FILL - Gray Clay							
8	Medium Gray Silty Clay							
9				100	8-10	N		
10								
11				100	10-12	N		
12								
13				100	12-14	N		
14								
15	Gray Clay/Gray Sorted Sand			100	14-16	Y (15')		
16								
17								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_1.bor






















LOG OF BORING SUP_SL_2

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/13
Date Completed : 08/11/13
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711775.70
Easting Coord. : 1172790.38

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			60	0-1	N	No Samples	
1	FILL - Medium Grey Sand			60	1-2	N	No VOC	
2				60	2-4	N		
3				60	2-4	N		
4	@ 3.5' Wood Debris			60	4-6	N	No VOC	
5				60	4-6	N	No VOC	
6				100	6-8	N		
7				100	6-8	N		
8	FILL - Gray Clay			100	8-10	N		
9	Medium Gray Silty Clay			100	8-10	N		
10				100	10-12	N		
11				100	10-12	N		
12				100	12-14	N		
13				100	12-14	N		
14	Gray Clay/Gray Sorted Sand			100	14-16	Y (15')		EOH @ 16'
15				100	14-16	Y (15')		EOH @ 16'
16								
17								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_2.bor



LOG OF BORING SUP_SL_3

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/10
Date Completed : 08/11/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711833.60
Easting Coord. : 1172837.41

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			60	0-1	N	No Sample	
1	FILL - Medium Gray Sand			60	1-2	N		
2				60	2-4	N		
3				60	2-4	N		
4	@ 3.5' Wood Debris							
5	@ 5.0' Light Gray Clay-rich Waste Water Sludge			60	4-6	N		
6								
7				100	6-8	N		
8	FILL - Medium Gray Silty Clay							
9				100	8-10	N		
10								
11				100	10-12	N		
12	Medium Gray Sand with Clay							
13			▼	100	12-14	Y (13')		
14	Medium Gray Sand							
15				100	14-16	Y		
16								
17								

05-31-2013 P:\DUPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_3.bor












LOG OF BORING SUP_SL_4

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/10
Date Completed : 08/11/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711890.33
Easting Coord. : 1172886.48

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			40	0-1	N	No Sample	
1	FILL Medium Gray Sand			40	1-2	N	No Samples	
2								
3	@ 2.0-4.0' Gray Sand with Xtaline Material and Concrete			40	2-4	N	Y	
4								
5	@ 4.0-6.0' Wood Debris			40	4-6	N	Y	
6								
7	@ 6.0-7.5' Wood Debris			100	6-8	N	Y	
8	Medium Gray Clay with Tidal Flat/Dredged Material Medium Gray Silty Clay							
9				100	8-10	N	Y	
10								
11				100	10-12	N	Y	
12	Medium Gray Sand with Clay							
13				100	12-14	Y (13.5')	Y	
14	Medium Gray Sand							
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_4.bor



LOG OF BORING SUP_SL_5

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/10
Date Completed : 08/11/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711947.05
Easting Coord. : 1172935.54

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			40	0-1	N	No Sample	
1	FILL - Black Sand			40	1-2	N	Y	
2								
3				40	2-4	N	Y	
4	@ 2.0-6.0' Black Sand with Xtaline Material and Concrete							
5				40	4-6	N	Y	
6								
7				100	6-8	N	Y	
8	Medium Gray Clay							
9	@ 9.0' Tidal Flat/Dredged Material			100	8-10	N	Y	
10	Black Sand							
11	Gray Clay			100	10-12	N	Y	
12								
13				100	12-14	Y (13.5')	Y	
14	Sorted Black Sand							
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_5.bor



LOG OF BORING SUP_SL_6

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/10
Date Completed : 08/11/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711978.95
Easting Coord. : 1172980.74

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			40	0-1	N	No Sample	
1	FILL - Black Sand			40	1-2	N	Y	
2								
3	@ 3.0' Black Sand with Xtaline Material and Concrete			75	2-4	N	Y	
4								
5				75	4-6	N	Y	
6								
7	@ 6.0-8.0' Black Sand with Xtaline Material and Concrete			50	6-8	N	Y	
8	Medium Gray Clay							
9	@ 9.5' Tidal Flat/Dredged Material		▼	100	8-10	Y (9.0')	Y	
10	Black Sand							
11	Gray Clay			100	10-12	Y	Y	
12								
13	Sorted Black Sand			100	12-14	Y	Y	
14								
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_6.bor






LOG OF BORING SUP_SL_7

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/11
Date Completed : 08/11/11
Drilling Method : Hand Auger
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712026.77
Easting Coord. : 1172927.61

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	No Sample - Elevation Adjustment							
1								
2								
3				50	0-6	N	No Samples	
4								
5								
6	Black/Dark Gray Organic-Rich Sediment			50	6-7	N (Wet)	Y	
7				50	7-8	N (Wet)	Y	
8								
9	Dark Gray Silty Clay			50	8-10	N (Wet)	Y	
10								
11				50	10-12	N (Wet)	Y	
12								
13	Black Sands			50	12-14	N (Wet)	Y	
14				100	14-15	N (Wet)	Y	
15								
16								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_7.bor






LOG OF BORING SUP_SL_8

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/11
Date Completed : 08/11/11
Drilling Method : Hand Auger
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711998.67
Easting Coord. : 1172902.78

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	No Sample - Elevation Adjustment							
1								
2								
3				50	0-6	N	No Samples	
4								
5								
6	Black/Dark Gray Organic-Rich Sediment			50	6-7	N (Wet)	Y	
7				50	7-8	N (Wet)	Y	
8								
9	Dark Gray Silty Clay			50	8-10	N (Wet)	Y	
10								
11				50	10-12	N (Wet)	Y	
12								
13	Black Sands			50	12-14	N (Wet)	Y	
14				100	14-15	N (Wet)	Y	
15								
16								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_8.bor





LOG OF BORING SUP_SL_10

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711953.25
Easting Coord. : 1172864.84

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevated adjusted, no sample							
1				0	0-1	N/A	No Samples	
2								
3	No Recovery (Fill. aquifer/wet)			0	1-2	N	No Samples	
4				0	2-4	N	No Samples	
5				0	4-6	N	No Samples	
6	Medium Gray Clay at 8.0'			80	6-8	N (wet)	Y	
7								
8	Black non-sorted Sand			80	8-10	N (wet)	Y	
9	Clay lense @ 9.0'							
10	Black sorted sand			100	10-12	Y (9)	Y	
11								
12				100	12-14	Y	Y	
13								
14				100	14-16	Y	Y	
15								
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_10.bor



LOG OF BORING SUP_SL_11

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711925.75
Easting Coord. : 1172839.34

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				0	0-1	N/A	No Samples	
2								
3	FILL - Gray silty sand			75	1-2	N	Y	
4	Heavy grass			75	2-4	N	Y	
5	Yellow painted wood			80	4-6	N (wet @ 5')	Y	
6	pale brown, Medium gray silty clay			80	6-8	N (wet)	Y	
7								
8								
9				80	8-10	N (wet)	Y	
10	Black non-sorted Sand							
11	Clay lense @ 11'			100	10-12	Y (11')	Y	
12								
13				100	12-14	Y	Y	
14	Black sorted sand							
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Geographics\SUP_SL_11.bor








LOG OF BORING SUP_SL_12

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711898.25
Easting Coord. : 1172813.85

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				0	0-1	N/A	No Samples	
2								
3	FILL - Gray silty sand			75	1-2	N	Y	
4	Heavy grass			75	2-4	N	Y	
5	Yellow painted wood			80	4-6	N (wet @ 5')	Y	
6								
7				80	6-8	N (wet)	Y	
8	Medium gray silty clay			80	8-10	N (wet)	Y	
9								
10	Black non-sorted Sand							
11	Clay lense @ 11'			100	10-12	Y (11')	Y	
12								
13				100	12-14	Y	Y	
14	Black sorted sand							
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_12.bor








LOG OF BORING SUP_SL_13

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711870.75
Easting Coord. : 1172788.36

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				0	0-1	N/A	No Samples	
2								
3	FILL - Gray silty sand			75	1-2	N	Y	
4				75	2-4	N	Y	
5				80	4-6	N (wet @ 5')	Y	
6								
7				80	6-8	N (wet)	Y	
8	Medium gray silty clay			80	8-10	N (wet)	Y	
9								
10	Black non-sorted Sand							
11	Clay lense @ 11'			100	10-12	Y (11')	Y	
12								
13				100	12-14	Y	Y	
14	Black sorted sand							
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_13.bor











LOG OF BORING SUP_SL_14

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711825.94
Easting Coord. : 1172731.62

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Fill Introduced Gravel			40	0-1	N	No Samples	
1				40	1-2	N	No Samples	
2	FILL - black sand w/ debris			40	2-4	N	Y	
3				40	4-6	N	Y	
4	debris and concrete (some Xtaline material)			40	4-6	N	Y	
5				40	4-6	N	Y	
6	FILL - Light gray waste water treatment sludge			65	6-8	N	Y	
7				65	6-8	N	Y	
8	Tideflat/dredged material			65	8-10	N	Y	
9				65	8-10	N	Y	
10	Medium gray clay			65	10-12	N	Y	
11				65	10-12	N	Y	
12	Black non-sorted sand			65	12-14	Y (13')	Y	
13				65	12-14	Y (13')	Y	
14	Black sorted sand			65	14-16	Y	Y	
15				65	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_14.bor



LOG OF BORING SUP_SL_15

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711769.22
Easting Coord. : 1172682.56

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Fill - Introduced Gravel			40	0-1	N	No Samples	
1				40	1-2	N	No Samples	
2	FILL - Black sand with minor debris and concrete			40	2-4	N	Y	
3				40	4-6	N	Y	
4				40	4-6	N	Y	
5				40	4-6	N	Y	
6	FILL - light grey waste water treatment sludge layer			65	6-8	N	Y	
7				65	6-8	N	Y	
8	Tideflat/dredged material			65	8-10	N	Y	
9	Medium Gray clay @ 8'			65	8-10	N	Y	
10	Medium gray clay			65	10-12	N	Y	
11				65	10-12	N	Y	
12				65	10-12	N	Y	
13			▼	65	12-14	N	Y	
14				65	12-14	N	Y	
15				65	14-16	N	Y	EOH @ 15'
16								
17								







LOG OF BORING SUP_SL_16

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711896.24
Easting Coord. : 1172760.85

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				N/A	0-1	N/A	No Samples	
2								
3	FILL - Gray silty sand			75	3-4	N	Y	
4	Heavy grass			75	4-5	N	Y	
5	Yellow painted wood			80	5-6	N (wet @ 5')	Y	
6	Medium grey silty clay			80	6-8	N (wet)	Y	
7								
8								
9				80	8-10	N (wet)	Y	
10	Black non-sorted sand w clay lense at 11'							
11				100	10-12	Y (11')	Y	
12	Black sorted sand							
13				100	12-14	Y	Y	
14								
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_16.bor





LOG OF BORING SUP_SL_17

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711923.74
Easting Coord. : 1172786.35

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				N/A	0-1	N/A	No Samples	
2								
3	No Recovery			0	3-4	N	Y	
4				0	4-5	N	Y	
5				0	5-6	N	Y	
6								
7				0	6-8	N	Y	
8	Limited Recovery							
9			▼	< 10	8-10	N (wet)	Y	
10	Medium Gray Clay							
11				100	10-12	Y (9)	Y	
12	Black sorted sand							
13				100	12-14	Y	Y	
14								
15				100	14-16	Y	Y	
16								
17								



LOG OF BORING SUP_SL_18

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711951.24
Easting Coord. : 1172811.84

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				N/A	0-1	N/A	No Samples	
2								
3	Fill - Gray silty sand			75	3-4	N	Y	
4	Heavy grass			75	4-5	N	Y	
5	Wood			80	5-6	N (wet @ 5')	Y	
6	Medium Gray Silty Clay			80	6-8	N (wet)	Y	
7								
8								
9				80	8-10	N (wet)	Y	
10	Black non-sorted sand							
11	Clay lense @ 11'			100	10-12	Y (11')	Y	
12	Black sorted sand							
13				100	12-14	Y	Y	
14								
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_18.bor



LOG OF BORING SUP_SL_19

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711978.75
Easting Coord. : 1172837.33

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				0	0-3	N/A	No Samples	
2								
3	No Recovery			0	3-4	N	No Samples	
4	Quarry Spalls, FILL			0	4-5	N	No Samples	
5	Fill - Tan silty sand			80	5-6	N (wet @ 5')	Y	
6	Medium gray silty clay			80	6-8	N (wet)	Y	
7								
8	Medium gray clay			80	8-10	N (wet)	Y	
9								
10	Black non-sorted sand							
11				100	10-12	Y (11')	Y	
12	Black sorted sand							
13				100	12-14	Y	Y	
14								
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_19.bor






LOG OF BORING SUP_SL_20

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/11
Date Completed : 08/11/11
Drilling Method : Hand Auger
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712023.50
Easting Coord. : 1172874.68

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	No Sample - Elevation Adjustment							
1								
2								
3				50	0-6	N	No Samples	
4								
5								
6	Black/Dark Gray Organic-Rich Sediment			50	6-7	N (Wet)	Y	
7				50	7-8	N (Wet)	Y	
8								
9	Dark Gray Silty Clay			50	8-10	N (Wet)	Y	
10								
11				50	10-12	N (Wet)	Y	
12								
13				50	12-14	N (Wet)	Y	
14	Black Sands			100	14-15	N (Wet)	Y	
15								
16								






LOG OF BORING SUP_SL_21

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/11
Date Completed : 08/11/11
Drilling Method : Hand Auger
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712051.60
Easting Coord. : 1172899.51

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	No Sample - Elevation Adjustment							
1								
2								
3				50	0-6	N	No Samples	
4								
5								
6	Black/Dark Gray Organic-Rich Sediment			50	6-7	N (Wet)	Y	
7				50	7-8	N (Wet)	Y	
8								
9	Dark Gray Silty Clay			50	8-10	N (Wet)	Y	
10								
11				50	10-12	N (Wet)	Y	
12								
13				50	12-14	N (Wet)	Y	
14	Black Sands			100	14-15	N (Wet)	Y	
15								
16								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring Logs\Borings_Geographics\SUP_SL_21.bor






LOG OF BORING SUP_SL_22

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/11/11
Date Completed : 08/11/11
Drilling Method : Hand Auger
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712076.44
Easting Coord. : 1172871.41

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	No Sample - Elevation Adjustment							
1								
2								
3				50	0-6	N	No Samples	
4								
5								
6	Black/Dark Gray Organic-Rich Sediment			50	6-7	N (Wet)	Y	
7				50	7-8	N (Wet)	Y	
8								
9	Dark Gray Silty Clay			50	8-10	N (Wet)	Y	
10								
11				50	10-12	N (Wet)	Y	
12								
13				50	12-14	N (Wet)	Y	
14	Black Sands			100	14-15	N (Wet)	Y	
15								
16								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_22.bor





LOG OF BORING SUP_SL_23

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/10/11
Date Completed : 08/10/11
Drilling Method : Hand Auger
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712048.33
Easting Coord. : 1172846.58

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	No Sample - Elevation Adjustment							
1								
2								
3				50	0-6	N	No Samples	
4								
5								
6	Black Organic-Rich Sediment			50	6-7	N (Wet)	Y	
7				50	7-8	N (Wet)	Y	
8								
9	Dark Gray Silty Clay			50	8-10	N (Wet)	Y	
10								
11				50	10-12	N (Wet)	Y	
12								
13				50	12-14	N (Wet)	Y	
14	No Sample - Refusal							
15				100	14-16	N (Wet)	No Samples	
16								
17								



LOG OF BORING SUP_SL_24

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712004.24
Easting Coord. : 1172809.83

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				0	0-3	N/A	No Samples	
2								
3	FILL - Gray silty sand			80	3-4	N	Y	
4				80	4-5	N	Y	
5				80	5-6	N (wet @ 5')	Y	
6								
7	yellowish brown, Medium gray silty clay			80	6-8	N (wet)	Y	
8								
9				80	8-10	N (wet)	Y	
10								
11	Black non-sorted sand			100	10-12	Y (11')	Y	
12	Black sorted sand							
13				100	12-14	Y	Y	
14								
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_24.bor








LOG OF BORING SUP_SL_25

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711976.74
Easting Coord. : 1172784.34

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				0	0-3	N/A	No Samples	
2								
3	FILL - Gray silty sand			80	3-4	N	Y	
4				80	4-5	N	Y	
5				80	5-6	N (wet @ 5')	Y	
6								
7	Medium gray silty clay			80	6-8	N (wet)	Y	
8								
9				80	8-10	N (wet)	Y	
10								
11	Black non-sorted sand			100	10-12	Y (11')	Y	
12	Black sorted sand							
13				100	12-14	Y	Y	
14								
15				100	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_25.bor





LOG OF BORING SUP_SL_26

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711949.24
Easting Coord. : 1172758.85

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				N/A	0-3	N/A	No Recovery	
2								
3	No Recovery			0	3-4	N	No Recovery	
4				0	4-5	N	No Recovery	
5	Limited Recovery			< 10	5-6	N (wet @ 5')	No Recovery	
6								
7				< 10	6-8	N (wet)	6-9 Interval	
8								
9			▼	< 10	8-10	N (wet)	6-9 Interval	
10	Medium Gray Clay							
11				100	10-12	Y (9)	Y	
12	Black sorted sand							
13				100	12-14	Y	Y	
14								
15				100	14-16	Y	Y	
16								
17								



LOG OF BORING SUP_SL_27

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 05/09/11
Date Completed : 05/09/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711921.73
Easting Coord. : 1172733.35

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Elevation adjusted no sample							
1				0	0-3	N/A	No Sample	
2								
3	FILL - Gray Silty Sand			80	3-4	N	Y	
4				80	4-5	N	Y	
5				80	5-6	N (wet @ 5')	Y	
6								
7	Medium Gray Silty Clay			80	6-8	N (wet)	Y	
8								
9				80	8-10	N (wet)	Y	
10								
11	Black no-sorted sand			100	10-12	Y (11')	Y	
12	Black sorted sand							
13				100	12-14	Y	Y	
14								
15				100	14-16	Y	Y	
16								
17								







LOG OF BORING SUP_SL_28

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711819.76
Easting Coord. : 1172641.08

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			40	0-1	N	No Sample	
1				40	1-2	N	No Sample	
2	Black Sand with Brick, wood, and concrete			40	2-4	N	Y	
3				40	4-6	N	Y	
4				40	4-6	N	Y	
5				40	4-6	N	Y	
6				40	4-6	N	Y	
7				65	6-8	N	Y	
8	Tideflat material			65	6-8	N	Y	
9	Sawdust @ 8.0-8.5' Medium Gray Clay			65	8-10	N	Y	
10			▼	65	10-12	Y (10')	Y	
11				65	10-12	Y (10')	Y	
12				65	12-14	Y	Y	
13				65	12-14	Y	Y	
14				65	14-16	Y	Y	
15				65	14-16	Y	Y	Black Sorted Sand @19'
16								
17								



LOG OF BORING SUP_SL_29

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711875.01
Easting Coord. : 1172674.90

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Asphalt and subbase			25	0-1	N	?	
1	FILL - Black sand with brick, wood and concrete			25	1-2	N	?	
2								
3				25	2-4	N	?	
4	TPH? @ 4.0'							
5				20	4-6	N (wet @ 5')	?	
6								
7				20	6-8	N (wet)	?	
8								
9				20	8-10	N (wet)	?	
10	Gray silty clay							
11				50	10-12	N (wet)	?	
12	Medium gray silty clay							
13				50	12-14	N (wet)	?	
14								
15				50	14-16	N (wet)	?	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_29.bor








LOG OF BORING SUP_SL_30

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711931.73
Easting Coord. : 1172723.96

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced gravel			50	0-1	N	No Samples	
1				50	1-2	N	No Samples	
2	FILL - Black sand w/ brick, wood and concrete			50	2-4	N	Y+VOC/TPH	
3				50	4-6	N (wet @ 5')	Y+VOC/TPH	
4								
5								
6	No Recovery							
7				0	6-8	N (wet)	No Samples	
8								
9				0	8-10	N (wet)	No Samples	
10	Medium gray clay			100	10-12	N (wet)	Y	
11								
12	Medium Gray Silty Clay			100	12-14	N (wet)	Y	
13								
14	Black non-sorted Sand			100	14-16	Y (14')	Y	
15								
16								
17								



LOG OF BORING SUP_SL_32

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712052.92
Easting Coord. : 1172810.91

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Asphalt and subbase			50	0-1	N	No Samples	
1	FILL - Tan sandy soil			50	1-2	N	Y	
2								
3				50	2-4	N	Y	
4								
5				50	4-6	N	Y	
6	FILL - Gray coarse sand							
7				50	6-8	N (wet)	Y	
8								
9				50	8-10	N (wet)	Y	
10								
11				100	10-12	N (wet)	Y	
12	Medium Gray Clay							
13				100	12-14	N (wet)	Y	
14								
15	Black non-sorted sand			100	14-16	N (wet)	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_32.bor



LOG OF BORING SUP_SL_33

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 11/15/10
Date Completed : 11/15/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712099.19
Easting Coord. : 1172858.53

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Asphalt and subbase			65	0-1	N	No Samples	
1	FILL - Light sand with brick, wood and concrete			65	1-2	N	Y	
2								
3				65	2-4	N	Y	
4	FILL - White clay rich materials (Gypsum)							
5	FILL - Coarse sand with wood debris			65	4-6	N (wet @ 5')	Y	
6								
7				100	6-8	N (wet)	Y	
8								
9	Medium Clay Lens			100	8-10	N (wet)	Y	
10	Coarse sand and gravel		▼					
11				25	10-12	Y (10')	Y	
12	Medium coarse sand							
13				25	12-14	Y	Y	
14	Tidal Flat Material @ 14' medium gray clay							
15				25	14-16	Y	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_33.bor



LOG OF BORING SUP_SL_34

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 11/15/10
Date Completed : 11/15/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712094.25
Easting Coord. : 1172765.37

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Gray sands and debris			80	0-1	N	?	
1				80	1-2	N	?	
2								
3				100	2-4	N	Y	
4	White clay rich layer							
4	FILL - White clay rich layer (Gypsum)?							
5				100	4-6	N	Y	
6	Black silty sand							
7	White gray silt/clay stained by Gypsum			100	6-8	N (wet @ 7)	Y	
8	Medium Gray Clay							
9				100	8-10	N (wet)	Y	
10								
11				100	10-12	N (wet)	Y	
12								
13	Black unsorted sand			100	12-14	N (wet)	Y	
14	Black sand							
15				100	14-16	N (wet)	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_34.bor









LOG OF BORING SUP_SL_35

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 11/15/10
Date Completed : 11/15/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712046.54
Easting Coord. : 1172721.48

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			80	0-1	N	?	
1	FILL - Light Bleached Sand			80	1-2	N	?	
2								
3	FILL - White Clay Rich Material (Gypsum?)			100	2-4	N	Y	
4								
5				100	4-6	N (Wet @ 5')	Y	
6								
7				100	6-8	N (Wet)	Y	
8	Medium Gray Clay							
9				100	8-10	N (Wet)	Y	
10								
11				100	10-12	N (Wet)	Y	
12								
13				100	12-14	N (Wet)	Y	
14	Black Non-Sorted Sand							
15	@15' Black Sorted Sand			100	14-16	Y (14')	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_35.bor








LOG OF BORING SUP_SL_36

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711867.35
Easting Coord. : 1172569.11

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			50	0-1	N	No Samples	
1				50	1-2	N	Y	
2	FILL - Black Sand with Brick, Wood, and Concrete			50	2-4	N	Y	
3				50	4-6	N	Y	
4				50	6-8	N (Wet)	Y	
5	@5' Visible TPH			50	8-10	N (Wet)	Y	
6				50	10-12	N (Wet)	Y	
7				100	12-14	N (Wet)	Y	
8	Medium Gray Clay			100	14-20	Y (15')	Y	EOH @ 20'
9	@8' Tideflat/Dredged Material							
10								
11								
12								
13								
14								
15	Black Non-Sorted Sand							
16								
17								
18	@18' Black Sorted Sand							
19								
20								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_36.bor



LOG OF BORING SUP_SL_37

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711929.40
Easting Coord. : 1172510.57

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Black Sand with Brick, Wood, and Concrete			50	1-2	N	No Samples	
2								
3				50	2-4	N	Y + VOC	
4	@4' Visible TPH							
5				50	4-6	N (Wet @ 5')	Y + VOC/TPH	
6	Medium Gray Clay							
7	@6' Tideflat/Dredged Material			50	6-8	N (Wet)	Y + VOC	
8								
9				50	8-10	N (Wet)	Y + VOC	
10								
11				100	10-12	N (Wet)	Y	
12								
13				100	12-14	N (Wet)	Y	
14								
15	Black Non-Sorted Sand							
16								
17				100	14-20	Y (15')	Y	EOH @ 20'
18	@18' Black Sorted Sand							
19								
20								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Geographics\SUP_SL_37.bor



LOG OF BORING SUP_SL_38

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711973.13
Easting Coord. : 1172561.45

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Medium Gray Sand with Brick, Wood, and Concrete			50	1-2	N	Y	
2								
3				50	2-4	N	Y	
4								
5				50	4-6	N (Wet @ 4.5')	Y	
6	Medium Gray Clay							
7	@7' Possibly Gypsum			50	6-8	N (Wet)	Y	
8	@7.5' Tideflat/Dredge Material							
9				50	8-10	N (Wet)	Y	
10	Black Non-Sorted Sand							
11				100	10-12	N (Wet)	Y	
12	Medium Gray Clay							
13				100	12-14	N (Wet)	Y	
14								
15	Black Sorted Sand							
16								
17				100	14-20	Y (15')	Y	EOH @ 20'
18								
19								
20								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_38.bor



LOG OF BORING SUP_SL_39

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 11/15/10
Date Completed : 11/15/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712029.86
Easting Coord. : 1172610.51

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Gray Sands and Debris			80	0-1	N	?	
1				80	1-2	N	?	
2								
3				100	2-4	N	Y	
4	White Clay Rich Layer (Gypsum?)							
5				100	4-6	N	Y	
6	Black Silty Sand							
7				100	6-8	N (Wet @ 7')	Y	
8	Gray Silt/Clay Stained by Gypsum							
9				100	8-10	N (Wet)	Y	
10	Medium Gray Clay							
11				100	10-12	N (Wet)	Y	
12								
13				100	12-14	N (Wet)	Y	
14								
15	Black Sorted Sand			100	14-16	N (Wet)	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_39.bor



LOG OF BORING SUP_SL_40

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 11/15/10
Date Completed : 11/15/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712086.58
Easting Coord. : 1172659.58

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Gray Sands and Debris			80	0-1	N	?	
1				80	1-2	N	?	
2								
3				100	2-4	N	Y	
4	White Clay Rich Layer (Gypsum?)							
5				100	4-6	N	Y	
6	Black Silty Sand							
7	Gray Silt/Clay Stained by Gypsum			100	6-8	N (Wet @ 7')	Y	
8	Medium Gray Clay							
9				100	8-10	N (Wet)	Y	
10								
11				100	10-12	N (Wet)	Y	
12								
13	Black Unsorted Sand			100	12-14	N (Wet)	Y	
14	Black Sorted Sand							
15				100	14-16	N (Wet)	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_40.bor



LOG OF BORING SUP_SL_41

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712022.20
Easting Coord. : 1172504.72

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Medium Gray Sand with Brick, Wood, and Concrete			50	1-2	N	No Samples	
3	@3' Xtaline Debris			50	2-4	N	Y	
4								
5				50	4-6	N (Wet @4.5')	Y	
6	Medium Gray Clay							
7	@6' Tideflat/Dredge Material			50	6-8	N (Wet)	Y	
8								
9				50	8-10	N (Wet)	Y	
10								
11				100	10-12	N (Wet)	Y	
12								
13				100	12-14	N (Wet)	Y	
14								
15	Black Sorted Sand							
16								
17				100	14-20	Y (15')	Y	EOH @ 20'
18								
19								
20								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_41.bor



LOG OF BORING SUP_SL_42

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/12/10
Date Completed : 08/12/10
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711969.88
Easting Coord. : 1172455.41

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Black Sand with Brick, Wood, and Concrete			50	1-2	N	No Samples	
2								
3				50	2-4	N	Y + VOC/TPH	
4	@4' TPH							
5				50	4-6	N (Wet @ 5')	Y + VOC/TPH	
6	Medium Gray Clay							
7				50	6-8	N (Wet)	Y + VOC/TPH/DUP	
8	@7.5' Tideflat/Dredge Material							
9				50	8-10	N (Wet)	Y	
10								
11				100	10-12	N (Wet)	Y	
12								
13				100	12-14	N (Wet)	Y	
14	Black Non-Sorted Sand							
15								
16								
17				100	14-20	Y (14')	Y	EOH @ 20'
18	Black Sorted Sand							
19								
20								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_42.bor



LOG OF BORING SUP_SL_43

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/01/11
Date Completed : 08/01/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711999.28
Easting Coord. : 1172956.34

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			50	0-1	N	No Samples	
1	FILL - Black Sand with Brick, Wood, and Concrete			50	1-2	N	Y	
2	FILL - Silty Sand with Minor Debris			50	2-4	N	Y	
3								
4	FILL - Clay Rich Silty Sand with Minor Debris			50	4-6	N	Y	
5								
6								
7				65	6-8	N (Damp @ 5')	Y	
8	Gray Sandy Silt							
9	Organic/Sanddust Layer			80	8-10	N (Wet)	Y	
10	Medium Gray Clay							
11	@ 10' Tideflat/Dredge Material			100	10-12	N (Wet)	Y	
12								
13				100	12-14	Y (13')	Y	
14	Black Non-Sorted Sand							
15								
16								
17				100	14-20	Y (14')	Y	EOH @ 20'
18	Black Sorted Sand							
19								
20								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_43.bor



LOG OF BORING SUP_SL_44

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/01/11
Date Completed : 08/01/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711860.78
Easting Coord. : 1172857.75

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes	
0	Introduced Gravel			50	0-1	N	No Samples		
1	FILL - Fine Tan Sand			50	1-2	N	Y		
2				50	2-4	N	Y		
3				50	4-6	N (Damp @ 6')	Y		
4				50	6-8	N (Wet)	Y		
5	FILL - Fine Yellow and Gray Sandy Silt (Effresizzes with Sodium Disulfate)			50	6-8	N (Wet)	Y		
6				50	8-10	N (Wet)	Y		
7	Medium Gray Clay @8' Tideflat/Dredge Material			50	8-10	N (Wet)	Y		
8				100	10-12	N (Wet)	Y		
9				100	12-14	N (Wet)	Y		
10	@11.5' Black Silty Sand								
11									
12	Black Non-Sorted Sand								
13	Clay Lens								
14	Black Sorted Sand								
15									
16									
17					100	14-20	Y (14')	Y	EOH @ 20'
18									
19									
20									

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_44.bor



LOG OF BORING SUP_SL_45

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/01/11
Date Completed : 08/01/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711805.09
Easting Coord. : 1172810.88

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Light Brown to Brown Sand			50	1-2	N	Y	
2								
3				50	2-4	N	Y	
4	Light Gray Clay (Waste Water Sludge?)							
5				50	4-6	N (Damp @ 4')	Y	
6								
7				50	6-8	N (Wet)	Y	
8								
9	@9' Gray Clay Lens			50	8-10	N (Wet)	Y	
10	Medium Gray Clay							
11	@10' Tideflat/Dredge Material			100	10-12	N (Wet)	Y	
12								
13	Black Non-Sorted Sand			100	12-14	N (Wet)	Y	
14			▼					
15				100	14-16	Y (14')	Y	EOH @ 16'
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_45.bor



LOG OF BORING SUP_SL_46

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/01/11
Date Completed : 08/01/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711826.91
Easting Coord. : 1172786.77

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Light Brown to Brown Sand			50	1-2	N	Y	
2								
3				50	2-4	N	Y	
4	Light Gray Clay (Waste Water Sludge?)							
5				50	4-6	N (Damp @ 4')	Y	
6								
7				50	6-8	N (Wet)	Y	
8								
9	@9' Gray Clay Lens (OcciSludge)							
10	Medium Gray Clay							
11				100	10-12	N (Wet)	Y	
12								
13	Black Non-Sorted Sand							
14								
15				100	14-16	Y (14')	Y	EOH @ 16'
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_46.bor














LOG OF BORING SUP_SL_47

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/01/11
Date Completed : 08/01/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711800.06
Easting Coord. : 1172762.32

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Introduced Gravel			50	0-1	N	No Samples	
1	FILL - Off-White Sand - No Odor			75	1-2	N	Y	
2	Brown/Light Brown Sand			75	2-4	N	Y	
5	Light Gray Sandy Clay (Waste Water Sludge)			75	4-6	N (Wet @ 5')	Y	
7	Medium Gray Clay			75	6-8	N (Wet)	Y	
8.5	@8.5' Tideflat/Dredge Material			100	8-10	N (Wet)	Y	
10				100	10-12	N (Wet)	Y	
12				100	12-14	N (Wet)	Y	
13	Gray Clay Rich Sand (Transitional Sands)			100	12-14	N (Wet)	Y	
14								
15	Black Non-Sorted Sand			100	14-16	Y (14')	Y	EOH @ 16'
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_47.bor



LOG OF BORING SUP_SL_48

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/01/11
Date Completed : 08/01/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711781.30
Easting Coord. : 1172736.34

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Gravel			50	0-1	N	No Samples	
1	FILL - Brown Sand with Wood Debris			50	1-2	N	Y	
2								
3				50	2-4	N	Y	
4	Light Grey Sandy Clay (Waste Water Sludge)							
5	@4.5' Odorous			75	4-6	N (Wet @ 5')	Y	
6								
7	Brown Gray Clay			75	6-8	N (Wet)	Y	
8								
9	Medium Gray Clay			75	8-10	N (Wet)	Y	
10	@9' Tideflat Material							
11				100	10-12	N (Wet)	Y	
12								
13				100	12-14	N (Wet)	Y	
14	Black Non-Sorted Sand							
15								
16	Black Sorted Sand							
17				100	14-20	Y (14')	Y	EOH @ 20'
18								
19								
20								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_48.bor



LOG OF BORING SUP_SL_49

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/01/11
Date Completed : 08/01/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711852.92
Easting Coord. : 1172701.79

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Introduced Gravel			50	0-1	N	No Samples	
1	FILL - Black Sand with Brick, Wood, and Concrete			50	1-2	N	No Samples	
2				50	2-4	N	Y	
3				50	4-6	N (Wet @ 5')	Y	
4				0	6-8	N (Wet)	Y	
5				0	8-10	Y (14')	Y	
6	No Recovery							
7								
8								
9								
10								
11								
12	Medium Gray Clay			100	10-12	Y (14')	Y	
13								
14								
15	Black Non-Sorted Sand			100	12-14	Y (14')	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_49.bor








LOG OF BORING SUP_SL_50

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/01/11
Date Completed : 08/01/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711880.22
Easting Coord. : 1172681.64

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Fill - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Black Sand with Brick, Wood, and Concrete			50	1-2	N	No Samples	
2								
3				50	2-4	N	Y	
4								
5				10	4-6	N (Wet @ 5')	Y	
6								
7				50	6-8	N (Wet)	Y	
8	No Recovery							
9				0	8-10	N (Wet)	No Samples	
10								
11				0	10-12	N (Wet)	No Samples	
12	Medium Gray Clay							
13				100	12-14	N (Wet)	Y	
14								
15	Black Non-Sorted Sand			100	14-16	Y (14')	Y	EOH @ 16'
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_50.bor



LOG OF BORING SUP_SL_51

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/03/11
Date Completed : 08/03/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712073.10
Easting Coord. : 1172694.66

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Fill - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Tan to Brown Sand			50	1-2	N	Y	
2								
3				50	2-4	N	Y	
4								
5	Light Gray Gypsum			50	4-6	N (Wet @ 5')	Y	
6								
7				50	6-8	N (Wet)	Y	
8								
9				50	8-10	N (Wet)	Y	
10	Tan Sand							
11	Medium Gray Clay			100	10-12	N (Wet)	Y	
12								
13				100	12-14	N (Wet)	Y	
14	Black Non-Sorted Sand							
15	Black Sorted Sand			100	14-16	Y (14')	Y	EOH @ 16'
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_51.bor





















LOG OF BORING SUP_SL_52

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/04/11
Date Completed : 08/04/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711984.73
Easting Coord. : 1172601.82

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Fill - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Black Sand with Brick, Wood, and Concrete			50	1-2	N	Y	
2								
3				50	2-4	N	Y	
4								
5	White Clay Rich Materials (Gypsum?)			50	4-6	N (Wet @ 5')	Y	
6								
7				50	6-8	N (Wet)	Y	
8								
9				50	8-10	N (Wet)	Y	
10								
11				100	10-12	N (Wet)	Y	
12								
13	Medium Gray Clay			100	12-14	N (Wet)	Y	
14								
15	Black Non-Sorted Sand			100	14-16	N (Wet)	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_52.bor



LOG OF BORING SUP_SL_53

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/03/11
Date Completed : 08/03/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711931.03
Easting Coord. : 1172552.88

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Fill - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Fine Grained Xtaline Sand			50	1-2	N	Y	
2				50	2-4	N	Y	
3				50	4-6	N	Y	
4				50	6-8	N (Wet)	Y	
5	White Gypsum-like Material			50	6-8	N (Wet)	Y	
6	Dark Gray Silty Clay							
7	Medium Gray Clay			50	8-10	N (Wet)	Y	
8				100	10-12	N (Wet)	Y	
9				100	12-14	N (Wet)	Y	
10				100	14-16	Y (14')	Y	EOH @ 16'
11	Black Non-Sorted Sand							
12								
13								
14								
15								
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_53.bor



LOG OF BORING SUP_SL_54

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/04/11
Date Completed : 08/04/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 712025.00
Easting Coord. : 1172554.38

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Fill - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - White Clay Rich Material (Gypsum?)			50	1-2	N	Y	
2								
3				50	2-4	N	Y	
4								
5	FILL - Tan Silt @ 4.5' Coarse Sand			50	4-6	N (Wet @ 5')	Y	
6	Very Black Clay							
7				50	6-8	N (Wet)	Y	
8								
9	Medium Gray Silty Clay (High Organics)			50	8-10	N (Wet)	Y	
10								
11				100	10-12	N (Wet)	Y	
12	Medium Gray Clay							
13				100	12-14	N (Wet)	Y	
14								
15				100	14-16	Y (14')	Y	
16								
17								

05-31-2013 P:\DuPont\Superlon\RI\13-02 On-Site Soil RI Evaluation\See Appendices\Boring_Logs\Borings_Geographics\SUP_SL_54.bor



LOG OF BORING SUP_SL_55

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/03/11
Date Completed : 08/03/11
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711972.02
Easting Coord. : 1172507.46

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	Fill - Asphalt and Subbase			50	0-1	N	No Samples	
1	FILL - Fine grained Xtaline sands (possible Shot)			50	1-2	N	Y	
2				50	2-4	N	Y	
3				50	4-6	N	Y	
4				50	6-8	N (Wet)	Y	
5	White Gypsum-like material			50	6-8	N (Wet)	Y	
6	Dark Grey Silty Clay							
7	Medium Grey Clay			50	8-10	N (Wet)	Y	
8				100	10-12	N (Wet)	Y	
9				100	12-14	N (Wet)	Y	
10				100	14-16	Y (14')	Y	
11	Black Non-Sorted Sands							
12								
13								
14								
15								
16								
17								

05-31-2013 P:\DuPont\Superlon\RI13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_55.bor



LOG OF BORING SUP_SL_72

Pacific Environmental and
Redevelopment Corporation

Superlon Plastics Site
Tacoma, WA

Date Started : 08/24/12
Date Completed : 08/24/12
Drilling Method : Direct-push
Sampling Method : Composite Grab

Logged By : J. King (PERC)
Drilling Firm : Cascade
Northing Coord. : 711853.35
Easting Coord. : 1172872.78

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			50	0-1	N	No Samples	
1	Tan Fine Sand			50	1-2	N	No Samples	
2	FILL - Fine Light Brown Sand with Gravel			40	2-4	N	Y	
4				50	4-6	N (Wet)	Y	
6	Medium Gray Silty Clay			60	6-8	N (Wet)	Y	
8				60	8-10	N (Wet)	Y	
10	Gravel Lens			60	10-12	N (Wet)	Y	
11	Medium Gray Silty Clay			80	12-14	N (Wet)	Y	
13	Medium Gray Silty Sand			80	14-15	N (Wet)	Y	
14	Black Non-Sorted Sand							
15								
16								

05-31-2013 P:\DuPont\Superlon\RM13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_72.bor



LOG OF BORING SUP_SL_73

Pacific Environmental and Redevelopment Corporation
 Superlon Plastics Site
 Tacoma, WA

Date Started : 08/24/12
 Date Completed : 08/24/12
 Drilling Method : Direct-push
 Sampling Method : Composite Grab

Logged By : J. King (PERC)
 Drilling Firm : Cascade
 Northing Coord. : 711800.09
 Easting Coord. : 1172822.21

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	FILL - Introduced Gravel			40	0-1	N	No Samples	
1				40	1-2	N	No Samples	
2	FILL - Fine Light Brown Sand with Gravel			40	2-4	N	Y	
4	NO SAMPLE - Washed Out			50	4-6	N (Wet)	No Samples	
6	FILL - Oxysludge			10	6-8	N (Wet)	Y	
8	Medium Gray Plastic Clay			50	8-10	N (Wet)	Y	
10	Medium Gray Silty Clay			60	10-12	N (Wet)	Y	
13	Medium Gray Silty Sand			60	12-14	N (Wet)	Y	
14	Black Non-Sorted Sand			60	14-15	N (Wet)	Y	
15								
16								

05-31-2013 P:\DuPont\Superlon\RM13-02 On-Site Soil RI Evaluation\See\Appendices\Boring_Logs\Borings_Geographics\SUP_SL_73.bor



LOG OF BORING SUP_SL_74

Pacific Environmental and Redevelopment Corporation
 Superlon Plastics Site
 Tacoma, WA

Date Started : 08/24/12
 Date Completed : 08/24/12
 Drilling Method : Direct-push
 Sampling Method : Composite Grab

Logged By : J. King (PERC)
 Drilling Firm : Cascade
 Northing Coord. : 711761.82
 Easting Coord. : 1172781.33

Depth in Feet	DESCRIPTION	GRAPHIC	Water Level	% Recovery	Sample Interval	Contacts or GW?	Sent to Lab?	Notes
0	No Sample			40	0-1	N	No Samples	
1				40	1-2	N	No Samples	
2	FILL - Fine Light Brown Sand with Gravel, Wood			40	2-4	N	Y	
3				50	4-6	N (Wet)	No Samples	
4				10	6-8	N (Wet)	Y	
5				50	8-10	N (Wet)	Y	
6				60	10-12	N (Wet)	Y	
7	@11' Fill/Clay Interface			60	12-14	N (Wet)	Y	
8	Medium Gray Silty Clay			60	14-15	N (Wet)	Y	
9								
10	Black Non-Sorted Sand							
11								
12								
13								
14								
15								
16								